Year 4 UG4 Curriculum Depth

Understanding how to access the breadth and depth of our ITT curriculum:

Remembering that:

- Student teachers (trainees) are on a journey in their learning to become a teacher
- The staged expectations act as progress way markers towards the 'end point assessment'
- The staged expectations are derived from the ITT curriculums; i.e. the things they cover before each phase of placement.
- The breadth of the ITT curriculum is outlined at the top level in our assessment grids (the modules and subjects covered- with composite knowledge outlined)- Column 3.
- Student teachers have 2 types of learning- (knowledge) 'learn that' & (skills) 'learn how to'.
- Progress on placement should be seen through high quality targets (built from the curriculum) and reflective weekly reviews.

In order that our trainees remember more of what they have learnt and that you as expert colleagues (mentors) can best support their journey through effective target setting we have included depth to the ITT curriculums. This depth outlines the 'essential' knowledge (components).

For simplicity in accessing this information we have created this fully e-linked document; that allows you to work down from the staged expectation breath and explore the essential knowledge depth (displayed in knowledge organiser formats).

Below we show you the full range of ITT curriculum documents available (noting that as mentors we steer you towards 2 keys parts of this- green highlighting)

The purpose is to outline how a student journey through their curriculum is achieved with taught input and your mentor support along the way.

Carrisle Costermouth Pength Workington Kesynk Wintermare Kestal Kasby	Carisle Development Begener Begener Copelant Cop	Control Contro	Provide a contract of contr
Top level course documents- inc. Programme	The progression of the ITT Curriculum.	We display these to you as 'Knowledge Organisers'	Session steps of knowledge & Sequence
	We display this to you as the 'Staged	organisers	This can be accessed through your UPT where
We display this overview to you as a grid of the	Expectations' *(B&D phases)	New for 2022/23	you feel it useful to have a session-by-session
modules and sequence throughout the		You will be able to click through any module	sequence of knowledge & skills build in a
Programme- 'course overview'	These give you a clarity of what modules	or subject link in the staged expectations to	module or subject area.
	broad content and subjects have occurred	discover the depth of the curriculum learnt by	They contain a deeper explanation of the
	and how they relate to the staged	the point in the training.	sequence between sessions and why we
	expectation- the point at which most		chose to teach these modules and subjects in
	students will be at the end of the		the way we do.

	placement) Breadth of curriculum- 'learn that' and 'learn how to' statements During this Extending phase (End point assessment), we look for trainees to build on all that they have learnt to enact the teacher standards- as laid out in assessment grids below.	These organisers outline the 'essential (components) knowledge and skills' learnt by our student teachers before each phase of placement. They outline a rationale for the sequence of this learning, how the components align to the Core content framework (minimum entitlement of any ITT programme) and the core research articles/texts used to underpin the knowledge. This depth should allow you as mentor to understand the granularity of what a student has learnt; therefore helping set targets that build on their prior learning in order to meet the staged expectations.	We use these documents internally to explore teaching quality and ensure coverage of curriculum.
Curriculum Canada 1	Domain of ITT Stepped regretation @A.Honn Q2 ETMS Questions to explore with your mentor Teacher standards that Provide and the standards that a standards tha	Faalish Curriculum and Genuence Document Core Content Framework links	Paragraph Fa Styles Fa Adobe Arrobat Vol-
Taupit by the Personal Tutor Enhancement Maths, English and Early Years Creative Arts to include Art, Curriculum Extras Placements	University Control of Control Partments and Control Partment Control of Control Control of Control	Her Sections - Team recenters () Impart of high sections - Team recenters () Impart of high sections - Team recenters () Impart of high sections and the section of the model section of the model section of the model section of the model section of the section o	auspesymone. Ank those is the second at the second
dance, drama & Music	Professional Student teacher is able to demonstrate an early ability to behaviours work with colleagues and other professional by: professionaliam, reflection, behaviours in this setting/context? setting/context?	in this phase students engage with the kills and pedgage relating to caterimatic flow and pedgage relating to caterimatic grave and an page to study, and making and alkild, Statistic categories, this is and pedgage relating to caterimatic grave and and pedg	Learn how to pedagogical knowledge Evidence Base Rationale
Y/1 LTR4001 EAEY4001 MATC4402 CURC4301 CURC4202 TCTR9444 PLCC9080	verwig wirk kniege 2010/9 vielling utt other vielling outcomes vielling	Adjust through while it the taking of facing of taking if facing on the sense of facing of taking of	Begin to find their way around the DPE (2021) Early Years Foundation Stage - statutory This is to introduce students to the statutory statutory framework, the Development framework can be accessed at: EVIS and guidance materials. This is "need to
21/2 descring and PED/G4401 English – Oral Science, Computing The Cumbria Nov – 2 2 Learning, theoriest Teaching and Communicatio Maths PE, D&T Teacher of weeks	Observing teaching staff and reflecting on impact. UniCable – HE, Science and Tabling with support staff about their role in hupits Dragive Arts and Custoccol What can other adults collect for you to help you doccorreat.	Clearses, The importance of reading to purpose and developing allow Workey, which are observed to proceedings Clearses, the importance of reading to purpose and developing allow Workey, which are observed to proceedings, the importance of proceedings, the importance of proceedings, the importance of proceedings, the importance of proceedings of the importance of the importa	matters and Birth to 5 Matters https://www.gov.uk/government/publications/early- know* information about the structure and the years-foundation-tage-framework2 principles before we can layer other
Of learning and Learning In and Reading Introducing Creative Arts History Reading May – 6	They are beginning to sustain a systematic approach to use leaving in centre-based. Here you been able to tak to learning sustain a systematic approach to use leaving in centre-based.	the magine creat types are purposed. Stability on a mark day purpose and shing to the constructivit isensing theories. The trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy their set of the constructivity and the trademit leave here to deterfy the to deterfy the trademit leave here to deterfy the to deterfy the trademit leave here to deterfy the trademit leave here to deterfy the	Analyse "play " DFE (2021) Development Matters - non statutory knowledge and practice over this. guidance can be accessed at:
In the classroom. Early Years MFL Safeguarding - weeks Introduction	Inflaction and wakardon of their teaching and its Impact Impact Impact Impact Impact Use of weekly reflection sheets to highlight impact Impact Use of weekly reflection sheets to highlight impact Impac	In this phase the students build on their incertifying of spoken Branges of key literature utilised Understanding of two Provide the students of the student of the stude	https://www.gov.uk/government/publications/develop There is an examination of play for learning ment-matters—2 which we expect is a new concept for students
Yr.2 MAEYS001 CURC5301 CURC5302 TCTR9555 PLCC9090 22/2 HTER002 DEDC5501 EdLC5411 Mathe Science Computing The Currenting	on pupil progress in learning practices within Chevroing & reflecting on teaching practices within EACYWOOL - Early Years - the	Sitis, industries, tex on limites to, spelling, vectorizer, grammar setty industries to, spelling, vectorizer, grammar more presentations. The storage issues to plane a sequence of vocan, is an low 2-1, (2020) "Exclusive grammar" Dimension of the storage issues to plane a sequence of vocan, is an low 2-1, (2020) "Exclusive grammar" Dimension of the storage issues to plane a sequence of vocan, is an low 2-1, (2020) "Exclusive grammar" Dimension of the storage issues to plane a sequence of vocan, is an low 2-1, (2020) "Exclusive grammar"	Birth to Five Matters (2021) - non statutory guidance by and one upon which many future concepts will the Early Years sector for the early Years sector. In the be based.
3 Indusion, SEND, Learning English – Developing PE, D&T Teacher of weeks	econdening what they have learnt in their curriculum to doe	C. Instrum, meaning once mean to non-relating and block throwheading where in fraund source's possible apprach?, Iduational & child Students audit their own subject knowledge where in fraund source's possible apprach?, Iduational & child Students audit their own subject knowledge where existing soletime impages. They plan and teach a public where existing soletime impages. They plan and teach a public Where in fraund source's possible apprach?, Iduational & child Students audit their own subject knowledge where existing interpreting soletime impages. They plan and teach applied where existing interpreting soletime impages. They plan and teach applied where existing interpreting interpreti	web version there is up to date research covering all aspects of early years.
Equality and Environments Writing, <u>3896</u> Creative Arts History Reading Diversity and Early Years – Geography May – 2	Identifying new knowledge to need and understand. Considering wellbeing and workload implications and	Dot not limited to the role of other abits) and demonstrating an Dot not limited to the role of other abits) and demonstrating an Dot not limited to the role of other abits) Dot not limited	https://www.birthtoSmatters.org.uk/resources/ Broakheed, P., Howard, J. and Wood, E. (2010) Play and
assessment Developing MFL Safeguarding week RE Level 1 Cert experiential	transepen use or proteinors tater, (indexisional behaviors" 2.5.3) Behaviour Nodel and see expectations for LITH4002: behaviour Hove you accessed the scheol/settire behaviour 37 model and set	the sphere to make to built on the innervinge of all inspect of togeth in relation to assessment. The todetta dweltig bear where you are assessment and to the CER models and the where you are assessment and to the CER models and the where you are assessment and to the CER models and the where you are assessment and to the CER models and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and the where you are assessment and where you a	learning in the early years: from research to practice. Los Angeles: SAGE.
Yr 3 MAEA6001 CURC6303 CURC6302 TCTR9666 PLCC9095	good behaviour throughout the school Analyzement, grouping and policy? expectations for good behaviour throughout the school behaviour throughout behaviour throughout the school behaviour throughout th	Answerent types, including Somathies journation and diagnosis: The focus then highlights have assument can be adjusted to apport The focus then highlights have assument can be adjusted to apport Efforms. See Sea Sea Sea Sea Sea Sea Sea Sea Sea	Bruce, T., Meggirt, C. and graphic, J. 92010) Childoore and education. 3th Zan, London: foodier Education.
23/2 LLTR6011 PEDG6601 English Action Science, Computing The Cumbria Oct - 2	this in practice? the thole environment the thole environment the thole environment cunct-soci/cunc	the mutatent standarding thermostisk intransjes. The mutatent temper with protocial individual flow protocial indindividual flow protocial individual flow protocial	Harvard Centre for the Developing Child - an on-line and up to date site with articles and research from this
and School Research Learners write and Creative Arts History Reading March - 10	classroom behaviour policies & strategies and engaging learning activities How do we know the children understand this?	Medicel, Lie and Digital Printing Traffic Travelage and Understanding London: Sage	University based research organisation DPDS (no date)
Maths - address own Extending Gsography Action Plan Weeks Weeks	Observe and be observed implementing behaviour strategies learned. What impact does behaviour have on the pupil's raficentation ability to learn?		Moyles, J. R. (2012) A-Z of play in early childhood.
RE CEOP/FGM PLCC9096 (Non QTS)	selfect on the range of protegies your mentor, class instrict model and in a self-initiated learning What have you noticed as the key things to do to		
BA.(Hons) Primary and Early Years Education (3-11) with QTS	dhildren-weekly reflection will give opportunity to dep maintain a purposeful working environment? consider impact on pupi progress. Ambitises Understand work in the defaunced and working environment? Early-sec. If any sec.		
	Controluim people. NOTE & Sufgeareing level 1 Which pupils have you identified for your pupil and take into account Challenging 		
	disadvantaged in school / setting placement. backgrounds and		

The breadth of the curriculum can be seen in:

Course overview & Staged Expectations

The depth of the curriculum can be seen in:

Knowledge Organisers

Session sequences can be accessed through university staff (UPTs)

The following document allows you to view this depth of the ITT curriculum. We have linked it directly to the staged expectations (via Live hyperlink) so that you are able to understand: • The Modules taught • the subject knowledge and skills taught • and the Pathway the particular student is following

BA (Hons) Primary with SEND & Inclusion (5-11) QTS

The course overview below gives a visual representation of how the curriculum is sequenced to build skills in what an ITT student will have learnt and learned how to during each year of their study at the University of Cumbria.

	Teaching studies	Inclusion	English	Phonics and	Maths	Science	Foundation subs	Placement	Placements
V. 1	ECTC4020		EALC 4010						
YrI		INCC4010 / 4011 Barriers to	EALC 4010		MATC 4010			Safeguarding -	Beginning
	Beginning teaching	learning 1/2		The Cumbria			Beginning to teach	Introduction	Nov - 3 weeks
	studies		English	Teacher of	Maths		Computing		
		INCC4012		Reading				Prevent	May - July 6 weeks
		Intro to inclusion		Beginning	Introducing		PEPC4010		
							PE		
Yr 2	ESTC5020	INCC5010	PLCC9591	TCTR9555	SMSC 5030	SMSC	PLCC9591	Safeguarding –	Developing 1
	Developing	Perspectives on inclusion	English	The Cumbria	Maths and	5030	Computing, History,	CEOP	7 weeks
	Inclusion module >			Teacher of	Science	Maths and	Geography, MFL & EYFS		Apr - June
	Conference	INCC5011		Reading		Science			
		Contexts		Developing 1			SREC5010		
							RE / PHSE/ SMSC		
Yr 3	ESTC6020	INCC5012	EALC6020	TCTR9556	PLCC9592 Maths	PLCC9592	PLCC9552	Safeguarding	Developing 2
	Applying teaching	Policy Discourses	English Monitoring	The Cumbria		Science	Music Drama Art FYFS	Level 1/2 Cert	6 weeks
	Studies	,	and assessment	Teacher of			PF. Computing & MFI		lan to Feb
				Reading –					
			PLCC9592 English	Developing 2			НИМС6010		May –
							History/DT/Geography		3 week experiential
Yr 4	ESTC6021	INCC6020 Dissertation		TCTR9666				Safeguarding and	Extending
	Extending teaching	INCC9024: Working with		The Cumbria				FGM	10 weeks Jan - Mar
	Studies	adults		Teacher of					
		INCC9025:The marginalised		Reading –					
		child		Extending					
		INCC9026:Evidence based							
		practice							
		M Level:							
		INCC7001:Working with							
		adults							
		INCC7002:The marginalised							
		child							
		INCC7003 Evidence based							
		practice							

	ibject/module curriculum sequence document ESTC4020/ 5020/ 6020/6021		
	How children learn Trainees are introduced to key learning theories and explore stages of child development. We also learn about the limitations of working memory and cognitive load theory. Understanding Behaviour Trainees learn that behaviour is complex and that learning about the underlying causes of challenging behaviour is paramount. We also develop an awareness of the importance of developing strong relationships with our children that ensures trust and mutual respect. Trainees are given opportunities to learn about the importance of proactive behaviour management strategies such as rules, norms, and routines. We also explore different approaches to rewards and sanctions in the classroom. Planning for learning Trainees learn what a lesson plan is, what the component parts are and how to effective use a plan when teaching. Through this learning we explore all the key parts of an effective lesson and the benefits of planning and thinking through timing, resources, support, and misconceptions etc. Effective Teaching: Evidence based teaching strategies Safeguarding Throughout the campus sessions and in preparation for placement trainees learn about the expected professional behaviours of a teacher and the wider role a teacher plays. Trainees are also introduced to reflective practices as a method of developing good practice. Assessing Learning: Trioughout the campus sessions and in preparation for placement trainees learn about the expected professional behaviours of a teacher and the wider role a teacher plays. Trainees are also introduced to reflective practices as a method of	 Rationale for sequencing Year 1 (ESTC4020) – This is the introductory teaching studies module, and the main aim is for the trainees to learn the basics to the role of being a teacher. Some of our trainees have only had limited experience in the classroom outside of being a learner themselves, and this module brings to the surface all of the parts of a lesson and a classroom that may not have been obvious or understood. Year 2 (ESTC5020)– Now that the basics are in place, we start to learn about the complexities of learning in a primary classroom and the range of needs and strengths of the pupils. This requires a flexible, evidence-based approach to teaching. Student research the impact of disadvantage and explore strategies and approaches to ensure our children are supported, engaged and learn. Through this module trainees learn about how to support and challenge children who are EAL gifted and talented, travellers, refugees and asylum seekers, children who are EAL gifted and talented, travellers, refugees and asylum seekers, children who are EAL gifted and talented, travellers, refugees and asylum seekers, children who are EAL gifted and talented, travellers, refugees and asylum seekers, children who are EAL gifted and talented, travellers, refugees and asylum seekers, children who are EAL gifted and talented through the vertical reflection. Students are expected to identify areas for development from their practice placements and this dictates the content of sessions which are presented through the lens of critical reflection. Issues addressed included behaviour support, effective formative assessment. Year 4 (ESTC6021) Students will have completed their final placement. This module consolidates learning across the programme synthesising the pedagogy, practice, and inclusion elements of the programme lin this module students prepare to enter the teaching profession by examining a range of current educational paradoxes to encourage the continued development	Links to CCF High expectations: clear expectations, mutual trust How children learn – working memory, prior knowledge, purposeful practice and worked examples Subject and curriculum: misconceptions, critical thinking Classroom Practice – scaffolds, questioning, steps, talk, practice Adaptive Teaching: SEND code, pupil difference, responsive teaching Assessment: assessment decisions, feedback, informing planning Managing Behaviour: Routines, environment, regulation, motivation Professional Behaviours: Professional Relationships, communication
Devel oping	start to explore education research. Trainees are encouraged to make connections to research and theory on practice and to use the literature to support their development in the classroom. How children learn	Examples of research and evidence	Other useful information and links

Trainees continue to learn about cognitive science deepening our	Newland, A. (2021). Becoming A Teacher. London. Crown House Publishing.	Chartered College of Teaching
understanding of cognitive load theory and teaching strategies that	Vaughn, M. Faircloth, B. (2013). Teaching With a Purpose in Mind: Cultivating a Vision.	https://chartered.college/
support our limited working memory and create long term memory	Available at: https://files.eric.ed.gov/fulltext/EJ1025687.pdf	(students encouraged to join as ITE students)
Understanding Behaviour	Van Kan, C. Ponte, P. Verloop, N. (2013). How do teachers legitimize their classroom	
Trainees build on their experience of managing behaviour on placen	interactions in terms of educational values and ideals? <i>Teachers and Teachina: Theory and</i>	Education Endowment Foundation
and develop a deeper understanding of what behaviours can tell us	Practice, Issue 6. Available at:	https://educationendowmentfoundation.org.uk/
about underlying needs, and how to support children so that they a	e https://www.tandfonline.com/doi/full/10.1080/13540602.2013.827452	
ready to learn and can self-regulate.	Ease G_{1} (2017) A handbook for teachers and teaching assistants working together London	OFSTED
Planning for learning	Routledge	https://www.gov.uk/government/organisations/ofsted
Building on their understanding of planning for learning, trainees lea	(romin T Burnott C (2018) Learning to teach in the Primary School Ath ed'n London	
to adapt their learning plans and activities to meet a wide range of	Routledge	
needs. Considering adjustments to benaviour management, assess	Kirschner P. Hendrick C (2020) How Leaning Hannens London, Routledge	
diverse learners. This includes EAL sifted and talented travellers	Goopol J Childerhouse H Sharpe S (2014) Inclusive primary Teaching Northwich Critical	
refugees and asylum seekers, children with mental health challenge	Bubliching	
children who have suffered loss or bereavement, and BAME groups	Shorrington T (2010) Becanchina's Principles in Action Woodbridge, John Catt Educational	
children who have suffered loss of bereavement, and brive groups.	Silenington, 1. (2019). <i>Rosensinine's Principles in Action.</i> Woodbindge. John Catt Educational.	
Effective teaching:	Rogers, B. (2015). Classroom Benaviour. London. Sage.	
Trainees draw on multiple sources of research to understand what i	Poulitiey, V. (Ed)(2017). Evidence-based reaching in Primary Education. Northwich. Childa	
meant by effective teaching. Trainees critically evaluate evidence-ba	Ised Bartlett S & Burton D (2016) Introduction to Education Studies [4th Ed] London: Sage	
teaching strategies and apply them to their lesson plans ensuring th	at all Biesta, G., Allan, I. & Edwards, B. (2014) Making a Difference in Theory London: Routledge	
pupils are supported.	Boyd, P., Hymer, B. & Lockney, K. (2015) Learning Teaching: Being an Inspirational Teacher	
	Northwich: Critical Publishing	
Safeguarding	Curtis, W., Ward, S., Sharp, J. & Hankin, L. (2014) Education Studies an issues based	
Prior to placement, trainees refresh and update their understanding	of approach, 3rd Edition Exeter: Learning Matters	
how to keep children safe in education and take part in the Safegua	ding Green, A., Preston, J. & Germen Janmaat J. (2008) Education, Equality and Social Cohesion,	
and Prevent Training.	London: Palgrave	
Professional Departies	Kassem, D., Mufti E. & Robinson, J (2006) Education Studies: Issues and Critical Perspectives	
Through group work and connections with outside agencies, traines	Maidenhead: Open University Press	
understand the benefits of learning from and with others	Matheson, C. & Matheson, D. (2002) Educational Issues in the Learning Age, London:	
Through learning about effective assessment trainees understand the	Continuum	
what our children know and can do can give us feedback about the	Norwich, B. (2013) Addressing Tensions and Dilemmas in Inclusive Education London:	
quality of our teaching.	Roulledge	
Assessing Learning		
Trainees develop their skills of effective questioning so that they can		
understand what children know and what the misconceptions are.		
Trainees also earn how to give effective feedback that takes the least	ner	
forward.		
I rainees learn about the importance of subject knowledge, identify	ng	
misconceptions and		
Academic Skills		
Trainees develop more independence in their research of literature		
learning deeply about the challenges of an inclusive group. Through		
presenting this learning at a conference trainees learn how to share		
learning with other professionals. Trainees are challenged to becom	e	
experts in their field through an extensive literature review.		

What is Reflective Practice	Students will learn how to
Reflective practice is necessary to	identify and prioritise critical
ensure:	incidents in the classroom.
Good mental health and wellbeing	They will learn that there are
Professional responsibility	often alternative and multiple
Maintaining subject knowledge	perspectives on an issue or
Professional development	incidents in the classroom
Assumptions	
Characteristics of reflective practice	They will learn to recognise or
- open mindedness, responsibility	invite alternative perspectives
and wholeheartedness.	from children, colleagues, and
They will learn about the influence	other professionals.
of assumptions on policy and	They will learn how to give
practice	constructive feedback to
They will learn about types of	colleagues and form, critique and
assumption and how they impact	maintain their own evidence-
on their practice:	based perspectives.
Paradigmatic, prescriptive and	Students will learn how to
causal.	recognise and describe
Students will learn about the	assumptions, how they arise and
difference between reflecting in	how to mitigate their impact on
action and reflecting on action	teaching and learning.
Lenses	Students will be able to analyse
Students learn about different	their practice in terms of internal
philosophical perspectives and	and external assumptions that
understand that it is possible to	influence their practice
consider an issue a range or	
perspective or through different	Students will learn to draw on
"lenses".	previous knowledge and
They learn that there are a range of	experience to respond to
approaches to education which are	situations in the present
driven by principles arising from a	Students will learn how to
variety of perspectives. Students	identify and engage with
learn about the hegemonic	alternative perspective on issues
relationships within education	in education.
Students learn about Brookfields 4	
lenses in education: Student	Students learn how to identify
colleague, personal and theoretical	critical incidents in practice
Critical Incidents	Students learn how to undertake
Students learn that critical incidents	a critical incident analysis
do not need to be monumental or	Students learn how to write
negative	reflectively
Models of Reflection	Students learn how to use
Students learn that there are	models of reflection to structure
several different theoretical models	their thinking
of reflection	Students learn how to analyze
Adaptivo Planning	incidents in their teaching
Students loarn that harriers to	
loarning can be minimized by	
learning can be minimised by	

planning teaching that maximises	Students learn how to improve	
participation.	their practice as a result of	
Students learn that difference is	reflection	
normal	Students learn how to plan	
Supporting Behaviour	teaching that allow all children to	
Students learn that children	learn in the context of the whole	
sometimes express their feelings	class teaching and learning.	
through their behaviour.	Students learn how to recognise	
Students learn that teacher can	the signs of escalating levels of	
anticipate and plan for behaviour	behaviour	
management.	Students learn appropriate	
Students learn about attachment	approaches to de-escalating	
Assessment	situations	
The impact of assessment on		
learning	Use questioning for in the	
Formative Assessment	classroom	
Questioning	Plan teaching based on	
Critiquing theories- both recent and	formative assessment	
discredited		
	Students will learn to consider	
Reflecting on a critical incident on	the range of perspectives on an	
placement	issue and respond to elements of	
Students will learn that there can	practice that they can build on	
be a range of perspectives on an	Students will learn to give and	
incident	receive constructive feedback to	
Introduction to Gobbets	developing their practice	
Students learn about using research	Students learn how to use	
to critically evaluate educational	research to evaluate educational	
claims	claims and media reporting on	
Students learn common heuristics	educational issues	
that can influence decisions made	Use their knowledge or	
	heuristics to recognise	
	techniques used to influence	
	thinking and decisions made in	
	education	

Subje	t/module curriculum sequence document		
Beginning	In the first year students are introduced to the <u>four broad areas of SEND</u> . The programme takes a "barriers to learning" approach – identifying and responding to needs rather than labels. In semester two students look at key concepts of Inclusion including Medical and Social models of disability and the key terms of Special Educational Needs, impairment and Disability and Person First Language Students will consider how children bring diversity to the classroom. Students will be encouraged to engage with high quality sources of information and to begin to build a professional portfolio.	Rationale for sequencing Students study two increasingly entwined strands of inclusive practice – meeting the needs of children with SEND and celebrating supporting diversity in the classroom. In the first year students focus on the individual child, developing skills of observation and identification in conjunction with the staged expectations of their placements. Student's begin to understand that the class teacher is responsible for all children in their class. Alongside this they are introduced to key constructs in inclusive discourse In the second year students begin to consider how they will plan for the individual child	Links to CCF <u>High expectations:</u> clear expectations, mutual trust <u>How children learn</u> – working memory, prior knowledge, purposeful practice and worked examples <u>Subject and curriculum</u> : misconceptions, critical thinking, building confidence <u>Classroom Practice</u> – scaffolds, questioning, steps. talk. practice
Developing 1	Students continue to develop their knowledge and understanding of the SEND Code of Practice learning how to identify and support the needs of children with SEND. Students become familiar with the SEND Code of Practice Graduated Approach including working with parents and the voice of the child to produce individual learning plans in a range of case studies. In conjunction with ESTC5020 students will develop their understanding of diversity in the classroom and how adaptive planning can support children with SEND. Students will understand how inclusive principles are reflected and enacted in their own emerging philosophy of education and pedagogy. Students will engage with the dilemmas of inclusion: identification, location and curriculum.	with SEND and how they will implement strategies and support for individual children experiencing barriers to their learning. Alongside this they will consider the diversity of the classroom and how teacher's celebrate and support children with diverse experiences. Student's begin to articulate and enact their responsibilities to meet the needs of all children in their class in line with the staged expectations for their first developing placement. In the third year students are able to embed inclusive practice and pedagogy into their own practice and prepare to advocate for inclusion in their school communities by contributing knowledgably in policy development. This year focusses on applying research and theory in practice in line with the staged expectations for their second developing placement	Adaptive Teaching: SEND code, pupil difference, responsive teaching <u>Assessment:</u> assessment decisions, feedback, informing planning <u>Managing Behaviour</u> : Routines, environment, regulation, motivation <u>Professional Behaviours</u> : Professional Relationships, communication
Developing 2	At this point students will synthesise theory and practice looking at how an inclusive society is reflected in the environment of the classroom. Working through principles of the European Agency for Special Needs and Inclusive Education, UN Sustainable Development Goals <u>https://www.european-agency.org/sites/default/files/Profile for Inclusive Teacher Professional Learning O.pdf</u> Students will consider theoretical and practical issues around the concept of the "achievement gap" and addressing educational disadvantage in schools.	Examples of research and evidence Carpenter, B., Egerton, J., Cockbill, B., Bloom, T., Fotheringham, J., Rawson, H. & Thistlethwaite, J. (2015) <i>Engaging Learners with Complex Learning Difficulties and</i> <i>Disabilities</i> London: Routledge Farrell, M. (2010) <i>The effective Teachers Guide to Sensory and Physical Impairments:</i> <i>Sensory, Orthopaedic, Motor and Health</i> London: Routledge Farrell, M. (2010) <i>The effective Teachers Guide to Moderate, Severe, and Profound</i> <i>Learning Difficulties (Cognitive Impairments)</i> London: Routledge Frederickson, N. & Cline, T. (2015) <i>Special Educational Needs, Inclusion and Diversity [3rd</i> <i>Ed]</i> Maidenhead: Open University Press Norwich, B. (2007) <i>Dilemmas of Difference, Inclusion and Disability: International</i> <i>Perspectives and Future Directions</i> London: Routledge	Other useful information and links Chartered College of Teaching <u>https://chartered.college/</u> (students encouraged to join as ITE students) Education Endowment Foundation <u>https://educationendowmentfoundation.org</u> .uk/ OFSTED <u>https://www.gov.uk/government/organisati</u> ons/ofsted
	Community and policy level	Simmons, B. & Watson, D. (2014) The PMLD Ambiguity: Articulating the Life World of Children with PMLD London: Karnac Thomas, G. & Vaughan, M. (2004) Inclusive Education. Readings and Reflections Maidenhead: Open University Press	

	Students use their academic skills to pursue a special study in an issue of SEND or	Wearmouth, J. (2015) Special Educational Needs and Disability: The Basics London:	
	Inclusion of their own choice.	Routledge	
	Students explore the strengths and challenges of multi –agency working, they consider the role of the teacher in a multiagency team		
ш×	Students extend their consideration of the impact of educational and social marginalisation on the outcomes for children in primary school		
	Students revisit Barriers to Learning, consolidating their knowledge and experience from placement and furthering their ability to recognise and meet children's needs in the classroom		
	These final 3 modules can be extended to the award of Post Graduate Certificate in		
	SEND and Inclusion on successful completion of Undergraduate award.		

English Curriculum and Sequence Document

Prog	ramme of work
Beginning Phase	In this phase students engage with the skills and pedagogy relating to understanding the role of, and teaching the knowledge and skills of, Spoken Language. This is followed by developing pedagogy and subject knowledge related to the teaching and learning of reading, taking into account the Simple View of Reading and focusing on comprehension skills and the application of decoding, including fluency. The importance of reading for purpose and developing a love of reading is emphasised. They learn to plan and teach for reading acquisition and development for a range of text types and purposes; focusing on a shared approach and linking to the constructivist learning theories. The students learn how to identify best practice and try out pedagogies in a mini teach.
Developing Phase	Developing 1 In this phase the students build on their knowledge of spoken language and reading, to develop their understanding of how these elements of English support and develop children's writing skills, including, but not limited to, spelling, vocabulary, grammar and punctuation. The students learn to plan a sequence of lessons, making clear links to prior reading and subject knowledge and incorporating spoken language. They plan and teach a guided writing activity incorporating a range of adaptive tasks (including but not limited to the role of other adults) and demonstrating an awareness of formative assessment.
Developing 2	In this phase the students build on their knowledge of all aspect of English in relation to assessment. The students develop their understanding of statutory and non-statutory assessment as well as assessment types, including formative, summative and diagnostic. The focus then highlights how assessment can be adapted to support the needs of diverse learners, including EAL and SEND and supports the students in developing intervention strategies. The students engage with practical activities linked to the assessment of children's literacy skills and the analysis of data to support teaching and learning.

Rationale for sequence

The sequence of the English curriculum relates to the neo-Vygotskian constructivist approach reflecting the structure and progression of knowledge and skills in the teaching and learning of English that the students will experience when working with teachers and children on placements.

Initially, while the pedagogy and skills of spoken language, reading and writing are explored independently; the symbiotic relationship between the different aspects is continually referenced and emphasised.

Examples of key literature utilised

Quigley, A. (2018) *Closing the vocabulary gap*. London : Routledge <u>https://educationendowmentfoundation.org.uk/school-themes/literacy/</u> Moran, E. and Moir, J. (2018) 'Closing the vocabulary gap in early years: Is "Word Aware" a possible approach?', Educational & Child Psychology, 35(1), pp. 51–65.

DfE (2021) The Reading Framework; Teaching the foundations of literacy DfE (2018) Assessment without levels

Ofsted (2012) Moving English Forward

Higgins, S (2015) 'Research-based approaches to teaching writing' in Waugh, D, Bushnell, A and Neaum, S (eds) *Beyond Early Writing*. Northwich: Critical Publishing

Waugh, D. (2021) Primary English for Trainee Teachers. 3rd Edition. SAGE Publishing.

Palincsar, Annemarie & Brown, Ann. (1984). Reciprocal teaching of comprehension-fostering and monitoring activities. Cognition and instruction. 1. 117-. 10.1207/s1532690xci0102_1. (Accessed: 6 September 2021) Medwell, J. et al (2021) Primary English: Knowledge and Understanding London: Sage

Core Content Framework links

<u>High Expectations</u> – Teacher expectations (3) Impact of high quality teaching (6)

<u>How Pupils Learn</u>— students learn that the way they structure and support learning in phonics draws directly from theories around working memory, activating prior knowledge etc. (all statements) <u>Subject and Curriculum</u>— students are regularly checking their owr subject knowledge. Teacher subject knowledge is crucial (all statements)

<u>Classroom practice</u> – students learn to plan effective opportunities (all statements)

<u>Adaptive Teaching</u> - teaching small group and whole class phonics , how to respond to the needs of all (all statements) <u>Assessment</u> – using different kinds of assessment, understand prior learning to support next steps. (all statements)

Other useful information

Students audit their own subject knowledge each year and set targets accordingly, to achieve during B, D and E placements. Students also build their own knowledge of children's literature to support their teaching practise.

Throughout the English curriculum explicit links are made to the TCTR modules and the importance of English in the wider curriculum.

On each placement there is an expectation, wherever possible to plan, teach and assess a lesson/series of lessons in English.

Maths MATC4010/SMSC5030/ PLCC9592

Programme of work

In this phase students are firstly asked to consider their own attitude to
mathematics. Throughout the module they work on their confidence and an
understanding of the value of mathematics in the world we live in. Discussion
develops around the key features of an effective maths lesson with an
emphasis on the use of resources. Links are continually made to established
theorists such as Bruner and other modules are referenced. Practical activities
are used to make connections with pedagogical theory helping the students
develop a sense of what underpins good classroom practice. Specific areas of
learning are covered looking at how teaching can be adapted to meet the
needs of all children. The assignment involves the creation of a resource that is
used whilst on placement. The students plan and then work with a small group
of children assessing and collecting evidence around the activity.

In this developing phase we look to build on the confidence and understanding the students have.

We look at the importance of problem solving and develop an definition of problem solving in mathematics. The importance of strategies to develop mathematical thinking is discussed with links to theory. Problem solving through different areas of mathematics are considered along with cross curricular opportunities. Before placement we build on the lesson planning from year one and look at how we can develop a sequence of lessons. Whilst on placement the students collect evidence of problem solving and reasoning and this is used to support their assignment.

This final phase is used to review our understanding and consider current issues in mathematics. Maths Mastery is examined and some of the challenges this approach to learning can bring. Statutory assessment is discussed and it's place in the assessment of children.

Students look closely at working with EAL children in a mathematics lesson and also the importance of multicultural opportunities. We look at adapting lessons to ensure all children are included and look at strategies to overcome barriers to learning.

Rationale for sequence

The mathematics is sequenced to help students become confident, enthusiastic and capable teachers of the subject. By starting with the students own attitudes and fears we can work on any misconceptions and start to get the students to develop a love and understanding of the subject. The key features and the theories that underpin effective teaching strategies are modelled and developed with practical ideas linked to school placements. As confidence grows the importance of problem solving, the connections of different areas of mathematics and the opportunities of cross curricular approaches more readily understood. Finally, the skills and knowledge gained from earlier phases is developed through key educational issues leading to a greater understanding of what makes a great teacher of primary mathematics. Running through all the phases is the importance of subject knowledge.

Examples of key literature utilised

Hansen, A. (ed.) (2020) Children's errors in mathematics . 5th edition. London :: Learning Matters Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles :: SAGE Boaler, J. (2016) Mathematical mindsets : unleashing students' potential through creative math, inspiring messages, and innovative teaching /. Edited by C. Dweck. San Francisco, California :: Jossey-Bass

Garry, T. (2020) Mastery in Primary Mathematics [electronic resource] / A Guide for Teachers and Leaders . London :: Bloomsbury Education

Core Content Framework links

<u>High Expectations</u> – Teacher expectations Impact of high quality teaching (1-6) <u>How Pupils Learn</u> – students learn that the way they structure and support learning in mathematics. It draws directly from theories around working memory, activating prior knowledge etc. (all statements) <u>Subject and Curriculum</u> – students are regularly checking their own subject knowledge. Teacher subject knowledge is crucial (2-5,7,8,) <u>Classroom pract</u>ice – students learn to plan effective opportunities (all statements) <u>Adaptive Teaching</u> - teaching small group and whole class mathematics, how to respond to the needs of all (1-4,5,6) <u>Assessment</u> – using different kinds of assessment, understand prior learning to support next steps. (1,2,4-6)

Other useful information

Students audit their own knowledge of mathematics and set targets to work on based on their individual subject knowledge and experience.

The module supports students in understanding pedagogical theory but also develops their subject knowledge They will have mathematics activities and a demo lesson modelled to them and consider what and how they would help the children to learn.

On each placement students will observe, teach and assess mathematics , developing their practice over the three phases. At the end of each module students have a tutorial looking at their tracking document and discussing personal targets.

Phase

Beginning

Phase

Developing

Programme of work

In this phase students engage with the Simple view of reading, and Rose's principles of effective SSP. This is followed by early phonics, the importance of speaking and listening, phonics for EAL. Students understand the importance of progression within a scheme and explore examples. Students understand the structure of a phonics lesson using the simple code and how to assess. They learn how to segment and blend and use the alphabetic code. They learn key language (phoneme, grapheme etc). They learn to plan and structure a phonics lesson using the simple code and engage in a mini teach

After beginning placement, students continue to explore children's phonological progression into the complex code and beyond. There is more focus on the complex code, phonics into spelling and teaching tricky words. They explore statutory phonics assessment in KS1. They move on to consider transition to KS2, 'word reading' requirements and key terms such as 'morpheme'. Students learn how to teach children adjacent consonants, use phoneme frames and teach encoding and decoding. They learn how to assess the use of the complex code, plan a spelling session and use morphemic knowledge.

After developing one placement students develop familiarity with phonics and reading assessment and tracking. They plan and teach a series of synthetic phonics lessons that are tailored to meet the needs of individuals with identified learning challenges.

Extending Phase

Beginning Phase

-

Developing Phase

They develop their use of teaching assistants in the classroom and look at how to identify and support a range of reading abilities. Following this students carry out a miscue analysis running record on a child's reading and explore some of the implications for them in terms of book choice and support moving forward, particularly around comprehension. The module finishes by looking at reading interventions, catch up programmes and a closer look at reading recovery.

Rationale for sequence

This phase provides knowledge and understanding of the key terminology and concepts that students require to make sense of what they are seeing in school. The 1st seminar introduces students to the precursors to successful learning in phonics. Phonics will be one of the key areas of the curriculum that students will come across when they engage in school based learning. It is important that they are aware of how and why phonics schemes are used in schools to plan for children's learning. Students reflect on learning in school and how their understanding of the teaching of phonics has developed through their teaching and assessment of children. Their knowledge of the children's learning journey is extended to consider the importance of focusing on the skill of segmenting words with adjacent consonants. Students are then ready in their learning and development to go deeper into intervention support for reading, assessing individual need and gaining some tools to support this process.

Key literature utilised

Jolliffe, W., Waugh, D. and Carss, A. (2019) *Teaching systematic synthetic phonics in primary schools*. 3rd edition. London: Learning Matters. Quigley, A. (2018) *Closing the vocabulary gap*. London : Routledge <u>https://educationendowmentfoundation.org.uk/school-themes/literacy/</u> Moran, E. and Moir, J. (2018) 'Closing the vocabulary gap in early years: Is "Word Aware" a possible approach?', Educational & Child Psychology, 35(1), pp. 51–65.

Duff, F. J., Mengoni, S. E., Bailey, A. M. and Snowling, M. J. (2015) 'Validity and sensitivity of the phonics screening check: implications for practice', Journal of research in reading. Blackwell Publishing Ltd, 38(2), pp. 109–123

Core Content Framework links

<u>High Expectations</u> – Teacher expectations (3) Impact of high quality teaching (6) <u>How Pupils Learn</u> students learn that the way they structure and support learning in phonics draws directly from theories around working memory, activating prior knowledge etc. (all statements)

<u>Subject and Curriculum</u>- students are regularly checking their own subject knowledge. Teacher subject knowledge is crucial (2-5,7,9,10)

<u>Classroom pract</u>ice – students learn to plan effective opportunities (all statements) <u>Adaptive Teaching</u> - teaching small group and whole class phonics , how to respond to the needs of all (1-4,5,6)

<u>Assessment</u> – using different kinds of assessment, understand prior learning to support next steps. (1,2,4-6)

Other useful information

e.g. links to English Learning Journal, connections to other modules, the role of student-led learning, how this module wraps around placement

Students audit their own beginning knowledge of phonics and set a target to work on based on their individual subject knowledge and experience.

Our module supports students in following the learning journey of a child in their progress in learning to read.

They have phonics activities and a demo lesson modelled to them and consider what and how they would help the children to learn. This takes place immediately prior to placement. Students plan and deliver a taught session to the group, giving and receiving feedback in the first two phases.

On each placement students observe, teach and assess phonics, developing their practice over the three phases.

After developing placement, Students will take a phonics subject knowledge audit prior to returning to university-based learning – this is marked in the first session back. It identifies student who need additional input and support

Q4 Science	curriculum sequence document SMSC5030/ PLCC9592			
Developing 1	Introduction to Primary science and Working Scientifically (Disciplinary Subject knowledge) Interrelationship between Disciplinary and Substantive subject knowledge Subject integrity and the NC PoS for Working scientifically The nature of an enquiry subject That careful planning can support scientific literacy and knowledge. The Scientific Toolkit (Observation, Comparison, Exploration, Testing, Modelling plus Reading, Writing and Talking) The progressive nature of the toolkit and how planning can be adapted to meet all learners' needs Using NC PoS, plan learning experiences which encompass Working Scientifically and a specific concept of substantive knowledge. Testing in Context (e.g Spinners and Greasy Joe's Café) Retrieve knowledge of forms of testing (Controlled variable, Pattern Seeking, Test to Destruction) The stages of a scientific enquiry The role of enquiry in the generation of new knowledge for learners and adapting planning in terms of investigative knowledge. Develop understanding of the interrelationship between disciplinary and substantive knowledge (<i>Materials and their properties: thermal insulation, dissolving, absorption, filtration</i>) The role of context in the ability to transfer learning and retain it Reading for scientific understanding and Modelling concepts The value of teacher subject knowledge and self-assessment of ability to gain and apply appropriate subject knowledge for teaching.	Component Substantive Knowledge Observation using range of senses Comparison based on observations Similarities and difficulties Sorting several objects/ phenomena Grading based on shared criteria Exploration finding cause and effect links to explain comparisons Testing to formalise cause and effect links Pattern seeking Test to Destruction Modelling abstract concepts Component Substantive Knowledge In all forms of testing (Fair/controlled variable, Pattern Seeking, Tests to Destruction) Raising area of Investigation through identification of possible cause and effect link Variable scan Formulation of testable question Identification of key variables Prediction and Hypothesis formation Planning test methods Carrying out test Analysing raw results and presenting Analysis of results Explanation of test methods Evaluation of test methods	 Rationale for Sequencing Working Scientifically is the bedrock of all professional scientific enquiry and underpins good practice in primary science practice. A thorough understanding of the different forms of Working Scientifically enables trainees to plan purposeful activities for learning across age phases. Learners can find it difficult to transfer and apply knowledge, so context is important to make clear the links between scientific learning in the classroom and real-life problem solving. Initially trainees focus on planning and delivering scientific learning experiences in their Beginning placement. The disciplinary subject knowledge in science, in terms of Working scientifically, aligns closely with children's ability to observe and explain their world in scientific trams. By close attention to the development of progressive thinking, students can plan effective learning experiences and develop questioning techniques which challenge and inspire learners. Trainees become skilled at assessing scientific knowledge and understanding and then enact this skill during their Developing placement. Ability to analyse National Curriculum Programmes of Study in terms of the composite knowledge. Trainees become skilled at planning, delivering and assessing scientific learning, enacting this during the Extending placement. 	Links to CCF <u>High Expectations –</u> Teacher expectations (3) Impact of high-quality teaching (6) <u>How Pupils Learn –</u> prior knowledge (2), weak knowledge leading to misconceptions (6) <u>Subject and Curriculum</u> – secure, critical knowledge with awareness of common misconceptions, structuring foundation components to build secure complex concepts.(2-5,7) <u>Classroom practice</u> – sequencing, scaffolding, questioning and high-quality talk, grouping (2,4-7, 9 10) <u>Adaptive Teaching</u> – support for all learners without creating artificial barriers, (1, 4,) <u>Assessment –</u> ability to plan and use fast, efficient assessment and provide feedback, both written and verbal. (1-7) The Undergraduate programme allows extended time for concepts such as the progression of conceptual development to be retrieved, revisited and enacted on placement at increasingly skilful levels. • The Undergraduate programme allows extended time for concepts such as the progression of conceptual
	 Fire and Ice (Concept Formation) Scientific misconceptions and their persistence into adulthood (importance of checking own knowledge prior to planning) Importance of analysing a concept prior to planning, i.e., does research suggest children hold misconceptions; concrete or abstract; have all children had prior experience (challenging disadvantage)? Physical Changes of state: concrete and abstract concepts. Structuring experiences to scaffold learners before introduction to abstraction (constructivist principles: Hands-on Minds-on) 	Component Substantive Knowledge Solids and liquids in concrete form (ice and water) Physical properties to senses Physical change from solid to liquid and liquid to solid (reversible change) and role of heat Gas a form of matter which not as easily detected by senses Role of heat energy in change from solid to liquid to gas using physical experiences (jelly) Role of heat <i>energy</i> in change using abstract concepts: kinetic particle model	p.263-280 Bartos, SA; Lederman, NG (2014) <i>Teachers' knowledge</i> <i>structures for nature of science and scientific inquiry:</i> <i>Conceptions and classroom practice</i> . Journal of Research in Science Teaching, Vol.51 (9), pp.1150-1184 Lederman, NG; Lederman, JS and Antink, A. (2013) <i>Nature</i> <i>of science and scientific inquiry as contexts for the learning</i> <i>of science and achievement of scientific literacy</i> .	development to be retrieved, revisited and enacted on placement at increasingly skilful levels. Other useful information and links The interrelationship between Working Scientifically and Substantive knowledge is key to the delivery of quality science teaching and learning.

	Light and Seeing: Component and Composite knowledge	Component Substantive Knowledge	International Journal of Education in Mathematics, Science	One without the other is of
	Some concepts built up of smaller concepts	Light is needed to see	and Technology', Volume 1(3), pp 138 – 147	little educational and practical
	Specific misconceptions which can destabilise learning	There are sources of light		value. The aim of science is to
	Value of Teacher subject knowledge to structure effective curricula	Light travels from sources	Osborne, J. (2015). Practical work in science:	understand the world and to
	and sources of support.	Light travels in straight lines	misunderstood and badly used', in 'School Science Review,	be able to apply knowledge to
		Light can be reflected from shiny surfaces	Vol. 96, Issue 357, pp 16 - 24.	gain new understanding in a
		(reflective)		generative process. The
		Reflected light continues to travel in a straight line	Osbourne, JF. (2019). Not "hands-on" but "minds-on": a	Working Scientifically toolkit
		Light can be scattered by non-reflective surfaces	response to Furtak and Penuel. Science Education. vol 103.	provides students will a range
		Scattered light continues to travel in a straight line	1280 -1283	of enguiry methods, including
		Light that travels from a surface into the pupil of the		different scientific Investigative
		eve enables seeing		methods (Fair/controlled
	Assessment and Adantive Planning: Electricity	Component Substantive Knowledge		variable Pattern Seeking and
	Retrieve knowledge of Working Scientifically (Observation	Construct a simple series circuits using wires nower		Tests to Destruction) which can
	Comparison Evaluation Testing Modelling alus Reading Writing	construct a simple series circuits using wires, power		he used to plan a challenging
	comparison, exploration, resulting, would ling plus Reading, writing	celly battery and various components (buzzers,		science curriculum in school
	and Taiking)	builds, motors)		The use of scientific versional
	The mixed experienced class and need for adaptive planning	Impact of change quantity / voltage of power		The use of scientific vocabulary
	The progression of scientific conceptual thinking (application via	Add switches of various types (snap, pressure, two-		is a critical step on the journey
	worked examples (<i>plants, dissolving</i>) and own example <i>switches</i> .	way, reed)		towards scientific literary and
	Supporting development of scientific vocabulary and the value of a	The nature of circuit to be an unbroken chain of		development of this "scientific
	good vocabulary for scientific attainment	conductive material normally metal, which		language" is facilitated by
	Socratic dialogue and high-quality questioning to support learning:	continues throughout all components		teachers who possess good
	Hands-on Minds-on	Electrical current as an abstract concept – not		subject knowledge. The
	Practice assessing work from real children identifying key indicators	detectable by senses		auditing materials provided are
	and providing quality feedback.	Short circuits		specifically designed to support
	Abstract concepts and Modelling for upper KS2 learners who require	Models for electrical current: physical "human"		students in using this language
	a curriculum at Greater Depth.	circuits passing objects, or rope with knots.		effectively in their teaching.
	Misconceptions associated with electrical circuits. Analysis and	Analogies such as water fountain in a pond		Worked examples are used in
	planning for conceptual change.	Solar system model of the atom and role of electrons		sessions and learning materials,
	Stages of thinking and Modelling are generic across the curriculum,	in electrical charge and current		and students are explicitly
20	not specific to electricity.	Electrical conductors and insulators in terms of		shown how to apply these
2	Auditing subject knowledge, especially in terms of common	movement of free electrons.		tools to all areas of the science
	misconceptions is essential for teachers.			curriculum.
L L	Progression of Concents: Forces	Component Substantive Knowledge		
	Inherent challenges when teaching forces –entirely abstract as only	Newtonian ideas – objects which are not moving will co	ntinue not to move until a force is exerted upon then and	
	effect detectable: only live on Earth and so misconcentions are rife	objects which are in motion will continue in that motion	a until a force is acted upon them	
	Composite knowledge is built from components	Eriction – offect can be seen but not the force	runtina force is acted upon them	
	Constructivist principles [Hands on Minds on] and strategies to	Link between friction and surfaces		
	offortively pro assess learners	Link between inclion and surfaces		
	Eriction: colf assessment: vocabulary development: concrete	High and low includi studions		
	event of the second sec	 Model high and low friction inducing surfaces using the second sec	ig toothbrushes.	
	experience to build foundations for KSS learning	Water resistance		
	water Resistance: concrete Exploration experiences; physical and	 Relationship between shape and resistance 		
	abstract explanations. Stages of conceptual thinking from	Size not mass		
	Observation to Abstraction; adaptive planning.	 Physical explanation using appropriate terminolog 	5Y	
	Gravity: effective pre-assessment strategies; self-assessment;	Abstract explanation using kinetic particle model		
	thought experiments and pupils working at Greater Depth; common	Gravitation		
	misconceptions.	Pull not push		
	Air Resistance: abstraction; analysis of misconception that air is	Not related to air pressure, rotation of Earth, mag	netic core of Earth – use of thought experiments.	
	nothing and planning challenging experiences; heavy things and	Gravity is the Earth and other planets' pull		
	light things misconception.	Gravity is directly related to mass of planet		
		Gravity is directly related to distance from the planet	net	
		clarity is an eetly related to distance from the pla		

	The students are introduced to the aim of the NC, its three strands and their characteristics alongside the expectations for children at the and	Rationale for sequencing	Links to CCF
Beginning	 of KS1 and KS2 in each strand of the Computing NC. There is a focus on Computational Thinking (CT) and the Computer Science (CS) strand and associated vocabulary, concepts and a range of pedagogical approaches and resources with the focus on the importance of subject knowledge and engaging learners. As preparation for their Beginning placement, we also look at the progression of knowledge, skills and understanding developed in the primary school and how individual lesson planning fits into this learning journey. 	Computing is sequenced to help students become confident, enthusiastic, and capable teachers of the subject. By developing student' subject knowledge in areas of computing where there is generally least confidence we can work on any misconceptions and start to get the students to develop a love and understanding of the subject. Computer Science and Computational Thinking, which is at the heart of the Computing NC are therefore introduced first, followed by Information Technology. Digital Literacy is 'dripped' into the different modules with specific inputs on online safeguarding included as part of preplacement input. By the end of the three modules, students will have developed their	High Expectations:Teacher expectations,Impact of high-quality teaching (2-4, 6)How Pupils Learn:students learn that the waythey structure and support learning incomputing should draw directly from theoriesaround working memory, activating priorknowledge etc. (all statements)Subject and Curriculum:students are regularlychecking their own subject knowledge.reachersubject knowledge is crucial.Providingsufficient opportunity for pupils to consolidate
eloping 1	In this developing phase we look to build on students' confidence and understanding. The focus is on the Information Technology (IT) strand, the key concepts and skills that need to be taught and suitable bedagogical approaches. This includes using software for creative computing for example video, animation, sound editing, digital art, data handling and the use of purposeful, cross curricular contexts for developing IT knowledge, understanding and skills. The use of software to support inclusion, including alternative ways of them expressing their understanding in other subjects is also included. Additionally, students' subject knowledge linked to computing systems and	subject knowledge in the three strands, so they feel more confident to deliver the computing NC in school. Their knowledge and understanding of planning will have developed from single lessons to sequences to thematic approaches. Students will have been introduced to practical ideas linked to school placements and key features and theories that underpin effective teaching of computing, including subject specific pedagogy which will have been modelled and evaluated. There will have been opportunities to observe and personally enact these in school.	and practise applying new knowledge and skill (1-8) <u>Classroom practice</u> : students learn to plan effective opportunities for learning using a range of interactive strategies (1-10) <u>Adaptive Teaching</u> : teaching small group and whole class computing, how to respond to the needs of all (1-5,7) <u>Assessment</u> : using different kinds of assessment, understand prior learning to support next steps (1,2,4-6) <u>Managing behaviour</u> : using a variety of approaches that ensure children can access learning conveyed with and through digital technology (1,2,4,7) <u>Professional behaviours</u> – knowing where to g for help and guidance (1-2,7) Other useful information and links
De	networks and how these enable communication and collaboration is developed Before placement we build on the lesson planning from year one and look at how we can develop a sequence of lessons.	Examples of research and evidence Batty, N. and Metcalfe, J.(2022) Safeguarding (Chapter11). In: Cooper, H and Elton-Chalcraft, S. (eds.) Professional Studies in Primary Education, 4th edition. SAGE Publications, London, UK. Bell T., Vahrenhold J. (2018) CS Unplugged—How Is It Used, and Does It Work?. In: Böckenhauer HJ., Komm D., Unger W. (eds)	
Developing 2	To prepare students for placement and to support their observations and involvement in computing activities in school, both the IT and CS strands are visited. Key themes addressed include key concepts, progression in skills, knowledge and understanding in the NC, including any outstanding subject terminology MTP, organisation and management of a sequence of learning and use of and value of physical computing devices such as microbits and crumbles. Before placement we there is also a continued focus on cross curricular learning and thematic planning	Adventures between Lower Bounds and Higner Altitudes., vol 11011. Springer, Cham. Morris, D., Uppal, G. and Wells, D. (2017) Teaching computational thinking and coding in primary schools. London: Learning Matters Raspberry Pi The Big Book of Computing Pedagogy Available to download at <u>https://helloworld.raspberrypi.org/issues/0</u> Turvey, K., Potter, J., Burton, J., Allen, J. and Sharp, J. (2016) Primary Computing and Digital Technologies: Knowledge, Understanding and Practice. Seventh Edition. Los Angeles: Learning Matters	Students audit their own knowledge of computing and set targets to work on based of their individual subject knowledge and experience. The modules support students in developing their subject knowledge but also their understanding of subject specific pedagogical theory. On each placement students will have the opportunity to observe, teach and assess computing, developing their practice over the three phases

Module title: 4yr QTS Physical Education Current Validation PEPC4010/ PLCC9591&2

Programme of work Rationale for sequence High Expectations – Teacher expectations (3) Impact of high quality teaching of Physical Education(6) In this phase students understand why we teach Physical This phase provides knowledge and understanding of the key How Pupils Learn— students learn that the way they structure and support Education and what we are trying to develop in the children that terminology and concepts that students require to make sense of what learning in physical education draws directly from theories around working ase we teach. Students develop their knowledge surrounding the they are seeing in school. The initial seminar identifies the key memory, developing learnt responses around gross and fine motor skills. outcomes of Physical Education through PIES (Physical, differences between Physical Education, Physical literacy and Subject and Curriculum- students are regularly checking their own subject Ê intellectual, emotional and Social) and begin to plan simple fundamental motor skills. knowledge. Teacher subject knowledge is crucial (2-5,7,8, 9,10) learning episodes. The overview builds a foundation of knowledge and how this develops eginning Classroom practice – students learn to plan effective opportunities (all statements) There is a focus on Physical Literacy and Fundamental Motor over key stage one and two. Adaptive Teaching - Utilising the STEP principle to adapt all activities, how to skills, whilst developing the early stages of teaching dance and It is important that students are motivated to teach Physical Education respond to the needs of all (1-4,5,6) Games. and appreciate the capacity they have to change opinion. By looking at a Assessment – using different kinds of assessment, understand prior Students will understand the importance of using STEP (Space, range of strategies for the teaching of physical Education, students will learning to support next steps. (1,2,4-6) Ď task, equipment and people) as a way to adapt teaching and to develop an inclusive approach to teaching all areas of the physical ensure a safe environment for learning. Education National curriculum. After beginning placement, students continue to develop their knowledge in a range of different physical education activities After developing placement students will understand the Ð difference between competition and collaboration. õ **Pha** They develop a range of strategies to incorporate competition in **Examples of key literature utilised** Other useful information their lessons, without resulting in lack of pupil motivation. Castle. N., Little.R., Howells. K and Carney. A (2017) Mastering Primary eveloping They look at a range of ways of engaging all pupils in both Physical Education. Bloomsbury Academic physical activity and health and consider SEND in order develop The Physical education sessions build on subject knowledge over time, re meaningful activities where all can make progress enforcing key concepts through a range of different curriculum areas. Lawrence. J. (2018) Teaching Primary Physical Education (2nd Ed). Sage Publications The module works through the curriculum areas of Physical Education in õ a practical way. Participation allows for a greater understanding of how Pickard. A and Maude P (2021) Teaching Physical Education Creatively the individual skills are developed and gives the student the opportunity (2nd Ed). Routledge to break down the skills effectively in order to teach. Rose. J (2017) Bloomsbury curriculum basics: Teaching Primary PE: After developing placement the students focus on the use of the On each placement students will hopefully observe, teach and assess everything you need to teach Primary PE. A and C Black School Sports premium and how this can be best used to develop physical education, developing their practice over the three phases. 2 CPD opportunities for PE delivery. Vickerman P., Maher A. (2019) Teaching Physical Education to children eveloping They are also challenged to look at developing a wider range of with special educational needs and disabilities (2nd Ed). London: activities in order to develop lifelong participation in PE and Routledge Williams, sport. \square

Core Content Framework links

History			
	Introduction to the National Curriculum &	Rationale for sequencing	Links to CCF
	Key concepts in History – Chronology, Knowledge and Understanding, 'Being an Historian', Historical Enquiry and Interpretation Using Primary Sources: Visual Images, objects, Documents, Local History, Archaeological evidence- including examples of activities for EYFS. Introducing second-order concepts – e.g. significance – people – Dawson/Counsell's definitions Developing Tier 3 Vocabulary – discussion and debate, stories and storytelling, role play and drama. Progression – practical examples e.g. Remembrance Day – ordering the activities	The students need to understand the basics of history and how to teach engaging lessons, what primary source evidence is and how to use it with children in Yr 1. In Yr 2 we move on to explore secondary sources, second-	How Pupils Learn (Standard 2 – 'Promote good progress'): 1, 2, 6, 7, 8, 9
		order concepts, and considerations such as diversity, equality and SEND. These link in to our LLTR (Education Studies modules) and the Staged expectations for our placements. In the Yr 3 Module we examine assessment in history and how history can be used as a basis for good	Subject and Curriculum (Standard 3 – 'Demonstrate good subject and curriculum knowledge'): 1-10
		cross curricular teaching. We firmly believe the students need to understand what history as a discipline is before combining it with other subjects or the essential nature of history can be lost.	Classroom Practice (Standard 4 – 'Plan and teach well-structured lessons'): 1-8
			Adaptive Teaching (Standard 5 – 'Adapt teaching'): 1-5, 7
			Assessment (Standard 6 – 'Make accurate and productive use of assessment'): 1-7
_		Examples of research and evidence	Other useful information and links
Developing	Remembrance Day – ordering the activities for a whole school event, consideration of language development Long term planning for history, choosing the suitable units, threads and pathways for second -order concepts Inclusion and SEND in History – Quality first teaching, what does progress look like, adaptations	 Examples of research and evidence Cooper, H. (2014) Writing History 7-11. Historical Writing in different genres. London and New York. David Fulton. Dixon, L. and Hales, A. (2014) Bringing History Alive through Local People and Places London: Routledge Doull, K. Russell, C. and Hales, A. (2019) Mastering Primary History London: Bloomsbury Moore, H. (2017) Using Artefacts and Sources Creatively, in H. Cooper (ed.) Teaching History Creatively, 2nd edition. London: Routledge, pp. 1-87. Temple, S. (2017) Using Archives Creatively. pp 87-104. Cooper, H. (ed) Teaching History Creatively. London. Routledge. Turner-Bisset, R. (2012) Creative Teaching- History in the Primary School 2nd Edition Abingdon: David Fulton – although it's now dated this is a good basic introduction to teaching history Quigley, A. (2018) Closing the [Vocabulary] gap Abingdon: Routledge 	Other useful information and links A site visit may be included to a local museum or historical site. Useful web sites: www.history.org.uk/ www.nationalarchives.gov.uk/education https://historicengland.org.uk/images- books/archive http://www.cumbriaimagebank.org.uk/

Programme of work

B Stage

Module title: Geography content of HUMC6010

In this stage there are no formal 'geography' sessions, however students will be learning a wide variety of concepts relating to their developing sense of their knowledge and understanding of 'teaching', including such aspects as: planning effective lessons, assessing children's learning, managing children's behaviour, managing an effective classroom and catering for different learner's needs, as well as being introduced to a variety of pedagogical approaches to learning. On placements students are encouraged to observe, investigate and discuss different subjects and how they are taught, whilst they may have the opportunity to teach and reflect upon their own teaching of some geography, all of which can be guilt upon in their developing phase sessions on the subject itself.

In this phase students encounter their specific 'geography' content. Students are introduced to the subject of 'geography' through an academic and practical school- based lens, they reflect on their own learning and experiences, learn the subject's nature and needs (that geography is the study of everything on the planet, the need to widen children's experiences, the study of people and places, the need for geography to be taught well in schools, the development of knowledge and understanding and interest about the world at a variety of scales, the relevance to people's lives, the promotion of positive attitudes and values) the 7 key concepts (place, space, diversity, interdependence, changing physical and human features, environmental interaction and scale) and Catling's 10 threads of geographical learning (me in the world, neighbourhood and community, connecting to the wider world, other people, other place and me, seeing and representing the world, encountering issues, seeing change and effect, caring for the world, heading into the future and the world today).

Students learn and experience examples of geographical skills (developing vocabulary, using and making maps, fieldwork, communicating ideas, use of ICT, thinking and problem-solving skills, interpersonal skills and using a variety of secondary sources), they are introduced to the National Curriculum and learn what notions of good practice in primary geography are. Students are introduced to the wide learning potential of the subject and will learn the importance of connecting good teaching, with a sequence of key enquiry questions, geographical skills and the NC requirements. Students conduct an audit of current confidence in primary geography, are made aware of the essential importance of teacher subject knowledge for planning quality geography.

Students will be introduced to key components of how to plan good geography lessons and will be introduced to ways in which geography might be assessed through formative processes and a variety of summative means. Students are introduced to a wide variety of learning sources and that can be used to support children's learning (written sources, stories, photographs, maps, artefacts etc) and are introduced to the importance of fieldwork and successful fieldwork practice (including use of risk assessment, exemplar planning example, fieldwork within a sequence of learning and a variety of fieldwork techniques for use with children (recording techniques, observation, interpersonal skills, thinking and problem solving, engaging the senses, use of ICT and development of language) and that learning may be adapted for different children's learning needs.

Students will recap the learning above and will further their understanding of how adaptive teaching and seeking wider opportunities, including the use of extended learning, fieldwork, connecting to other schools, CPD, drawing on their own experiences and connecting to family and community. Students will be introduced to the requirements for high-quality medium-term planning for geography and will use a planning success criteria to plan a progressive geography learning sequence. students will also explore the use of distant places as a way of developing knowledge and understanding, developing geographical skills and ways to challenge stereotypes, misconceptions and prejudice. Students will learn the 7 key place questions: where is this place, what is this place like, why is this place like it is, how is this place changing, what is it like to live in this place, how this place is connected to other places and how this place is similar and different to my place. At this point students will also consider the learning value of current 'issues' at a local, regional, national and world scale. Students will be introduced to a wide variety of examples and pedagogical approaches that can be adopted to expand children's knowledge and understanding (role play, exploring scenarios, De Bono's Thinking Hats, The Mantle of the Expert etc), their use of fieldwork and problem solving and discussion and a wider appreciation of ways in which secondary sources (photographs, news items, video, maps, real people, story etc) can be best used to support learning enquiries and how a wide variety of ways to communicate children's learning enquiries and how a wide variety of ways to communicate children's learning can be used to report and assess achievement.

Students will deepen their knowledge and understanding of how geography can be used as a catalyst for exploring the potential high-quality cross-curricular linking and will have the opportunity to recap and expand their knowledge of effective geographical planning and potential (linked to their topic-themed assignment) with tutor support regarding planning requirements, resource use, pedagogical approaches, assessment techniques, catering for needs and relevant and meaningful 'sticky' learning. All of the above (including the module assessment) combined with additional general course pedagogical learning and he continued consideration of adaptive learning strategies and the encouragement to identify their own individual learning needs, will (with further subject tutor support if required) help ensure students are ready to plan, teach, assess and reflect upon their teaching of the subject whilst on extending placement in the **E stage of** their course.

Rationale

The developing phase programme offers a rich introduction to primary geography by providing knowledge and understanding of the nature of the subject, of key geographical concepts and learning expectations (including notions of high-quality geography and the requirement to adapt teaching where necessary) and focusses on informing and enthusing student teachers. Further sessions in this phase focuses on what to include when planning effective geography (including fieldwork) and an introduction to subject skills. This phase aims to move from informing and enthusing to empowering students to be able to plan, teach and assess geography confidently on placement. Final sessions aim to continue to inform, enthuse and empower by enriching student appreciation of the potential of geography in schools and how it may be most effectively taught. Upon completion of the course students should feel ready to apply concepts of high-quality teaching to notions of high-quality geography and feel confident to be able to independently plan, resource, teach, assess and critically reflect on the teaching of geography on their E placement and beyond. Students will critically reflect on their own experiences as learners, will examine the wide power and potential of the subject and will consider their role in the future success of geography in schools - students are given the tools and ways of thinking for this quality 'geography journey' to begin.

The assessment task (academic rational, topic mind-map and plan, plus resource pack) aims to offer the opportunity to apply course learning to create a high-quality geography experience for children...ready for final placement and beyond.

Core Content Framework links

<u>High Expectations</u> – Teachers are key role models, who can influence the attitudes, values and behaviours of their pupils. (2) Teacher expectations (3) Impact of high-quality teaching (6)

<u>How Pupils Learn</u>— students learn that the way they structure and support learning in geography draws directly from theories around working memory, activating prior knowledge etc. (all statements)

Subject and Curriculum- students are regularly checking their own subject knowledge. Teacher subject knowledge is crucial (1-7)

<u>Classroom practice</u> – students learn to plan effective opportunities (1,2,6,7,11)

<u>Adaptive Teaching</u> - the importance of inclusive and adaptable geography that cater for the needs of all (1-3)

<u>Assessment</u> – using different kinds of assessment, understand prior learning to support nex steps. (1,2,4-6)

<u>Managing Behaviour</u> – all children have the opportunity to experience success (4) <u>Professional Behaviours</u> – (2,4,& 7) Wider contribution, working with parents etc

Other useful information

In each phase students are encouraged to critically reflect upon their school-based experiences of geography thus far, to revisit their geography audit to seek ways to focus further development of knowledge, skill and understanding and to be thinking ahead to further familiarize themselves with the expectations for placement key stages and how high-quality geography links to concepts of high-quality teaching as explored in core and master's modules. Students are encouraged on placements to watch and teach geography and to discuss geography provision with school-based colleagues, including geography leader. Throughout B, D and E phase students are encouraged to access geography support materials and to seek support form tutors, if necessary, whilst also being encouraged to seek the opportunity to teach geography and to try (with support) to plan, lead and reflect upon a fieldtrip (or outdoor learning) experience.

Examples of key literature utilised

- Barlow, A and Whitehouse, S. (2019) *Mastering Primary Geography*. London: Bloomsbury Academic
- Catling, S and Willy, T. (2010) Teaching Primary Geography: Learning Matters
- Catling, S and Willy, T (2018) Understanding and Teaching Primary Geography: London: Sage
- Cooper, H {Ed} (2006). Geography 3-11 A Guide for Teachers. London: Fulton
- Pike, S (2015) Learning Primary Geography. London: Routledge
- Rowley, C and Cooper, H (2009). *Cross-curricular Approaches to Teaching and Learning*. London: Sage
- Scoffham, S (2013) Teaching Geography Creatively: Routledge. London
- Scoffham, S (2010) *The Primary Geography Handbook*. Geographical Association

Q4 Foreign Languages PLCC 9591/2 Modules

Programme of work

rogramme of work		teaching and learning and gain confidence in teaching FL using 'Raising Intercultural	structure and support learning in Languages, drawing from
Developing I pilase	Languages in primary education/ Context: Familiarisation with documents (KS2 framework for languages, Language programme of Study KS2 /programmes of work). Completion of a subject audit: identification of strengths and areas for development. Introduction to the strands (Oracy /Literacy/ Intercultural Understanding). Students are shown how to embed IU in a KS2 Language topic: á l'école : Comparison of French school day and English school day; use of authentic material to introduce and practise vocab (video, French timetables for primary school children, bilingual stories, displays etc.). Students introduced to ideas for activities that could be created to develop IU on several topics or that can be embedded in the FL classroom such as celebrations/ events/ greetings/ food/etc.	 onderstanding awareness in the Language classroom as a focus. Students are made aware of motivational factors such as: • pupils' perception of the usefulness of the language and involvement in intercultural activities and exchanges • discovering more about other cultures and peoples, the context in which the language is rooted (Ofsted, 2021), are also relevant to language teaching and learning. In the developing phase, students are introduced to the planning process, with a focus on structuring language learning. Tutor models a language lesson, deconstructing learning and demonstrating activities/practical ideas, and strategies that underpin effective language teaching. Opportunities for cross-curricular approaches are discussed. In the extending phase it is the responsibility of students to autonomously increase their subject knowledge. 	Subject and Curriculum–Teacher subject knowledge is crucial Using modelling, explanations and scaffolds, acknowledging that novices need more structure early in a domain/Providing sufficient opportunity for pupils to consolidate and practise applying new knowledge and skills. <u>Classroom practice</u> –Modelling helps pupils understand new processes and ideas; good models make abstract ideas concrete and accessible. <u>Adaptive Teaching</u> - Adapting teaching in a responsive way, including by providing targeted support to pupils who are struggling, is likely to increase pupil success. Conversely, EAL students' linguistic skills may be harnessed to develop their ability to compare structures across many languages. <u>Assessment</u> – Students analyse different types of assessment and how to assess prior learning to support next steps.
2 Phase	To understand the planning process : to plan and teach well-structured lessons which enable pupils to make progress in Modern Languages. Learning Plan: Tutor models a lesson on 'clothes' using a variety of pedagogical approaches and resources to introduce, consolidate and practise vocabulary and structures. Students are introduced to the different building blocks of language progression: phonics/vocabulary/grammar using activities that develop listening, speaking, reading and writing skills. Approaches to cross-curricular opportunities and how to make MFL inclusive to all learners are a considered (supported with reading). Analysis of the content of 2 French lesson plans: opportunity to discuss and give feedback on the structure, cross-curricular links and inclusive approaches of each LP.	Examples of key literature utilised British Council (No date) , Primary Language Starter Pack Connor, J. (2017) Addressing needs and disability in the curriculum Modern Foreign Languages, London, Routledge. Ellis, P. &Harris, L. (2018) Approaches to Learning and Teaching MFL: a toolkit for international teachers. Cambridge university press. Jones, J. & Coffey, S. (2012) Modern Foreign Languages from 5 to 11 London: David Fulton : Chapter 8-9 Kirsh, C.(2008) Teaching Languages in the Primary School . Continuum books, London Mitchell, R. & Myles, F. (2019) Learning French in the UK setting: Policy, classroom engagement and attainable learning outcomes. Apples – Journal of Applied Language Studies Vol. 13, 1, 2019, 69–93 Watts, C., Forder, C., Phillips, H. (2012) Living Languages: an integrated approach of teaching Foreign Languages in Primary Schools. London, Routledge.	Other useful information Students complete their own MFL audit and identify areas of development; they are encouraged to set their own targets and put in place an Action Plan.

Rationale for sequence

The **beginning** phase helps the students to remove preconceptions about language

Core Content Framework links

High Expectations -How Pupils Learn- Students learn how to

Subj	ect/module curriculum sequence document – Religious Studies		
	 Students are taught about the unique place and nature of RE in the primary curriculum and the legal requirements for RE and Collective Worship. Students are invited to consider their own attitudes to religions and Religious Education and the baggage they bring to the subject. Through interactive modelled snippets of engaging RE lessons students reflect on key features of effective RE and different types of knowledge in RE (Ofsted2021). Students are introduced to different types of concepts in RE. They are shown how to identify and use concepts to help them plan RE lessons. Students complete a subject knowledge audit and are given research task to use recommended books and reputable websites, so they understand where to go to develop their own subject knowledge gaps. 	Rationale for sequencing	Links to CCF
Beginning		The RE is sequenced to help students become confident, enthusiastic and capable teachers of the subject. By starting with the student's own attitudes and barriers in the beginning phase we can work on any misconceptions and support the students to develop an enthusiasm for and understanding of the subject and its impact for learners. The key features and the theories that underpin effective teaching strategies are modelled and developed with practical ideas linked to school placements. Opportunities for cross curricular approaches as well as discrete RE are discussed in the developing phase. In the extending phase the responsibility moves to the student to	High Expectations – Teacher expectationsImpact of high quality teaching (1-6)How Pupils Learn— students learn about effectiveRE pedagogy and how to combat religiousstereotypes. (all statements)Subject and Curriculum– students are regularlychecking their own substantive subject knowledge.(2-5,7,8,)Classroom practice – students learn how to planeffective RE lessons (all statements)Adaptive Teaching- teaching whole class RE, howte respond to the peods of all (1.4.5.6)
ß	Following the beginning placement, students are taught about unique aspects of planning and assessment in RE to build on their generic input on this in their course and on placement. Students look at key concepts; how to plan for progression and cross- curricular opportunities with RE. They are encouraged to represent religions	autonomously increase their substantive subject knowledge; their understanding about 'ways of knowing' and their personal knowledge.	<u>Assessment –</u> using different kinds of assessment in RE, understand prior learning to support next steps. (1,2,4-6) <u>Professional Behaviours</u> – Teachers need to model respect for religions and worldviews.
opi	as diverse and global. They consider how to make RE inclusive to all	Examples of research and evidence	Other useful information and links
Develo	Students are given further research tasks to build up their substantive subject knowledge. They consider the role of visits and visitors to enrich RE teaching.	 Clarke, C. and Woodhead, L. (2018) A new settlement Revised :Religion and Belief in school available at <u>http://faithdebates.org.uk/wp-</u> <u>content/uploads/2018/07/Clarke-Woodhead-A-New-</u> <u>Settlement-Revised.pdf</u> Elton-Chalcraft, S. ed (2015) <i>Teaching RE Creatively</i> London: 	Students audit their own knowledge of Religions and Belief systems and are encouraged to set personal targets to develop their own knowledge. The RE input in the CURC modules supports students in understanding disciplinary knowledge (Ofsted 2021) in RE, but also develops snippets of their
Extending	There is no direct input on RE in the extending phase. However the CURC 6201 module currently will give students the opportunity to work on their own targets and developing their substantive subject knowledge for RE may be one of their targets.	 Routledge (2^{na} edition due 2023) James, M & Stern, J (2019) Mastering Primary Religious Education. London: Bloomsbury Ofsted (2021) Research Review Series: Religious Education. London: Ofsted. Webster, M. (2010) Creative Approaches to Teaching Primary RE. Harlow:Pearson. 	Substantive knowledge. On each placement it is hoped that students will have opportunities to observe, teach and assess RE, developing their practice over the three phases. The tutor will be available throughout their course for individual support and advice.

Subj	ubject/module curriculum sequence document – Religious Education element					
	 Students are taught about the unique place and nature of RE in the primary curriculum and the legal requirements for RE and Collective Worship. Students are invited to consider their own attitudes to religions and Religious Education and the baggage they bring to the subject. Through interactive modelled snippets of engaging RE lessons students reflect on key features of effective RE and different types of knowledge in RE (Ofsted2021). Students are introduced to different types of concepts in RE. They are shown how to identify and use concepts to help them plan RE lessons. Students complete a subject knowledge audit and are given research task to use recommended books and reputable websites, so they understand where to go to develop their 	Rationale for sequencing	Links to CCF			
Beginning		The RE is sequenced to help students become confident, enthusiastic and capable teachers of the subject. By starting with the student's own attitudes and barriers in the beginning phase we can work on any misconceptions and support the students to develop an enthusiasm for and understanding of the subject and its impact for learners. The key features and the theories that underpin effective teaching strategies are modelled and developed with practical ideas linked to school placements. Opportunities for cross curricular approaches as well as discrete RE are discussed in the developing phase. In the extending phase the responsibility moves to the student to autonomously increase their substantive subject knowledge; their understanding about 'ways of knowing' and	High Expectations – Teacher expectationsImpact of high quality teaching (1-6)How Pupils Learn – students learn about effectiveRE pedagogy and how to combat religiousstereotypes. (all statements)Subject and Curriculum – students are regularlychecking their own substantive subject knowledge.(2-5,7,8,)Classroom practice – students learn how to planeffective RE lessons (all statements)Adaptive Teaching – teaching whole class RE, howto respond to the needs of all (1-4,5,6)Assessment – using different kinds of assessment inRE, understand prior learning to support next steps.			
Jeveloping	Following the beginning placement, students are taught about unique aspects of planning and assessment in RE to build on their generic input on this in their course and on placement. Students look at key concepts; how to plan for progression and cross-curricular opportunities with RE. They are encouraged to represent religions as diverse and global. They consider how to make RE inclusive to all learners.	 Examples of research and evidence Clarke, C. and Woodhead, L. (2018) A new settlement Revised :Religion and Belief in school available at <u>http://faithdebates.org.uk/wp-</u> 	(1,2,4-6) Professional Behaviours – Teachers need to model respect for religions and worldviews. Other useful information and links Students audit their own knowledge of Religions and Belief systems and are encouraged to set personal targets to develop their own knowledge.			
Đ	Students are given further research tasks to build up their substantive subject knowledge. They consider the role of visits and visitors to enrich RE teaching.	 <u>content/uploads/2018/07/Clarke-Woodhead-A-New-Settlement-Revised.pdf</u> Elton-Chalcraft, S. ed (2015) <i>Teaching RE Creatively</i> London: Routledge (2nd edition due 2023) 	The RE input in the CURC modules supports students in understanding disciplinary knowledge (Ofsted 2021) in RE, but also develops snippets of their substantive knowledge.			
Extending		 James, M & Stern, J (2019) Mastering Primary Religious Education. London: Bloomsbury Ofsted (2021) Research Review Series: Religious Education. London: Ofsted. Webster, M. (2010) Creative Approaches to Teaching Primary RE. Harlow:Pearson. 	On each placement it is hoped that students will have opportunities to observe, teach and assess RE, developing their practice over the three phases. The tutor will be available throughout their course for individual support and advice.			

Curriculum focus: Music PLCC9592

Essential knowledge

Se

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eveloping

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Trainees will engage with the National Curriculum requirements for music through the lens of the DfE 2021 Model Music Curriculum. They will understand that the four strands are: singing, listening, composing and musicianship.

Trainees will learn the progression of learning in each strand from Year 1-Year 6.

In singing, trainees will learn how to teach progression in singing; vocal warm-ups, vocal soundscapes, chants simple songs and rounds. Trainees will understand how the pentatonic scale is used to develop simple harmony and move onto understanding triads..

They learn and apply key vocabulary: dynamics, forte, piano. Trainees use simple chants to understand key concepts of pulse, ostinato, and layering and use this knowledge to apply to developing planning a lesson Following this, trainees apply their knowledge of vocabulary to 'listening'. They develop their questioning skills to draw out musical concepts from a piece of music and learn how to respond to the music through graphic visualisation. Trainees learn that composition follows on from listening and learn how to use tuned and untuned percussion to develop compositions, playing with accuracy, fluency, control and expression. Trainees learn basic staff notation and how to use symbolic and staff notation to communicate their compositions. Trainees then apply their understanding to planning for progression of learning in Music. They learn how to adapt published planning for the needs of a range of learners and understand the importance of a systematic, scaffolded progression of skills, knowledge and understanding in music.

Rationale for sequence

 Learning is planned to begin with an overview of the National Curriculum and Model Music Curriculum 2021. This provides the rationale for exploring the subject through the strands of singing, listening, composing and musicianship.
 Singing is taught first and is given more time as this provides a good context for setting a foundation for understanding musical vocabulary and concepts that can then be applied to the other three strands. Following this listening is taught as a set of skills that provide a scaffold for composing which in turn scaffolds musicianship.

Students apply their growing understanding planning learning through teaching singing and then the other three strands provide a vehicle for planning for progression of learning in music through half termly plan.

Core Content Framework links

<u>High Expectations</u> – Teacher expectations (3) Impact of high quality teaching (6) <u>How Pupils Learn</u>— students learn that the way they structure and support learning in Music draws directly from theories around working memory, activating prior knowledge etc. (all statements)

<u>Subject and Curriculum</u>- students are regularly checking their own subject knowledge. Teacher subject knowledge is crucial (2-5,7,8, 9,10)

<u>Classroom practice</u> – students learn to plan effective opportunities (all statements) <u>Adaptive Teaching</u> - sensory needs of learners, how to respond to the needs of all (1-4,5,6) <u>Assessment</u> – using different kinds of assessment, understand prior learning to support nex steps. (1,2,4-6)

<u>Behaviour Management</u> – clear instruction, routine, least intrusive interventions, checking understanding (1,2,5)

Examples of key literature utilised

Research Review series - Music. Available at:

https://www.gov.uk/government/publications/research-review-series-music

Burak, S. (2019). Self-efficacy of pre-school and primary school pre-service teachers in musical ability and music teaching. *International Journal of Music Education*. 37. (2). https://doi.org/10.1177%2F0255761419833083

Burnard, P and Murphy, R. (2013). *Teaching Music Creatively*. London. Routledge.

Daubney, A. (2017). Teaching Primary Music. London. Sage.

Other useful information

Trainees develop their understanding of primary Music through school-based learning. They consider and reflect upon the music teaching they have engaged with in school and compare with the music learning and teaching in centre-based training. They triangulate their learning through exploring further reading, materials such as WHAT SHOULD AN EXCELLENT PRIMARY MUSIC SESSION LOOK LIKE? <u>HTTPS://MUSICEDUCATIONSOLUTIONS.CO.UK/WHAT-DOES-AN-EXCELLENT-PRIMARY-MUSIC-LESSON-LOOK-LIKE/</u>

provide a useful tool to explore, discuss and benchmark their developing understanding of primary Music.

Q4 S	Q4 Subject/module curriculum sequence document Art and Design PLCC9592					
	Trainees will engage with the National Curriculum requirements for	Rationale for sequencing	Links to CCF			
	the Art and Design curriculum through the National Curriculum 2013	The module starts with a focus on exploring the core strands of the subject	High Expectations – Teacher			
	programmes of study and the NSEAD (National Society of Educators	across the key stages, so trainees have a clear understanding of national	expectations			
	in Art and Design) framework.	expectations in this subject area. Attention is placed on the importance and	Impact of high-quality			
	They will learn the essential strands for all Key Stages are:	value of the Arts and creativity in school and society. Therefore, high-quality	teaching (1-6)			
	generate ideas	learning opportunities are essential for the holistic development of children.	How Pupils Learn— students			
	• media	The first phase provides knowledge and understanding of the key	support learning in art and			
	techniques	terminology and concepts that students require to make sense of the Art	design for pupils to immerse			
	the visual elements	and Design National Curriculum 2013. Students are introduced to the	themselves in the subject (2.			
	 knowledge and evaluating. 	processing skills which are developed during artistic activities: invention,	6, 7, 9)			
	Trainees will learn that the processing skills used to develop or	analysis, expression, imagination, and observation. Trainees will understand	Subject and Curriculum-			
	create are:	that the visual elements of art are shape, form, line, texture, colour, pattern,	Teacher subject knowledge is			
	invention	space, and tone. They will learn technical skills in drawing, painting and	crucial (2-7)			
	• analysis	colour mixing. Students will be given hands on experience to develop their	<u>Classroom pract</u> ice – students			
	expression	skills in these specific techniques.	learn to plan effective art and			
	• imagination	Their knowledge of Art and Design curriculum is further developed into their	Adaptive Teaching			
ing	observation	understanding of critical studies and its role and purpose in the classroom.	understanding of differences			
do	They will that these should be planned and taught alongside	They will use their knowledge the visual elements, drawing and painting and	and needs with the art and			
vel	technical skills relating to specific media and processes. They will	apply it to this strand of the curriculum. Trainees will continue to build their	design environment (1, 3, 7)			
De	know that high quality art and design education will provide	own technical skills in print making and clay work.	Assessment – addressing the			
	will loarn that the visual elements are line, share, form, space, tone		iterative process of			
	nattern, colour, and texture. Trainees will understand that drawing	Examples of research and evidence	assessment in art and design			
	is a key exploratory tool and know the importance of teaching it	Arte Council croativity	(1, 2, 4, 5)			
	across all key stages. Trainees will then explore the technical skills of	Arts <u>Council</u> creativity Barnes B (2006) <i>Teaching art to young children 4-</i> 9.2 nd edn. Abingdon:				
	drawing and painting and apply their understanding of the visual	Routledge Falmer				
	elements. They will understand how they can teach the visual	Gregory, P et al. (2020) Mastering Primary Art and Design. London:	Other useful information and			
	elements through drawing and painting using various techniques to	Bloomsbury Academic. Hallam, J., Das Gupta, M. and Lee, H. (2011) 'Shaping	Discussions and exemplars			
	create line and mark making.	children's artwork in primary classes insights from teacher child interaction	based on students' own			
	Trainees will consider their experience of Art and Design in school	during art activities' in International Journal of Early Years Education, 19 (3-	experiences and observations			
	and relate to their previous learning. A focus of this phase will be	4) pp 193-205.	of art and design on school-			
	the knowledge of artists strand from the NC programme of study.	Hearne, S, Cox, S. and Watts, R. (2014) <i>Readings in Primary Art Education</i> .	based placements.			
	Practical work will revolve around studying works of art and design	London: Intellect books. Hone, G. (2008) Thinking and Learning Through Drawing, London: Sage	Links made to placement			
	by notable artists, crafts people, architects, and designers and	Key, P. & Stillman, J. (2009) Teaching Primary Art and Desian. Exeter	curriculum target setting			
	providing practical activities to explore works of art and craft in the	Learning Matters.	where appropriate.			
	classroom. Focus will be given to the technical skills involved in	Ogier, S. (2017) Teaching Primary Art and Design. Learning Matters				
	printing and clay work.					

Q4 Subject/module curriculum sequence document Drama PLCC9592					
Q4 Sub	Ject/module curriculum sequence document Drama PLCC9592 Trainees will engage with the National Curriculum requirements for drama through the EYFS (Early Years Foundation Stage) 2021 statutory framework and the National Curriculum 2013 English program of study. They will learn about the essential strands for the primary key stages. These are: To appreciate and enjoy a range of different literary devices. To identify with and explore the different characters they encounter through a range of literature. To read and recite aloud with a range of intonation, volume and action. To use role-play and improvisation to develop their	Rationale for sequencing: The teaching has a focus on exploring the core strands of the subject across the key stages. This is so that trainees have a clear understanding of national expectations in this subject area. Attention is placed on the importance of drama in developing pupil confidence and in providing high- quality learning opportunities which are essential for the holistic development of children. The teaching provides knowledge and understanding of the key concepts	Links to CCF: <u>High Expectations –</u> Teacher expectations Impact of high-quality teaching (1-6) <u>How Pupils Learn</u> — students learn the way to structure and support learning in drama for pupils to immerse themselves in the subject (2, 6, 7, 9) Subject and Curriculum Teacher subject		
veloping 2	 writing and test the quality of their ideas. To become more familiar and confident in their use of language and to write for a range of audiences. Preparing play scripts to read aloud and perform. They will learn that reading, re-reading, and rehearsing poems and plays for presentation and performance gives pupils a wonderful opportunity to discuss language, including vocabulary. To understand how performance can foster an appreciation of meaning. To perform their own compositions so that the meaning is clear to others. To understand how drama enables pupils with SEND to think about and consider the motives and perspectives of others. Trainees will consider and reflect on their experience of drama in school. 	that students require to make sense of relevant sections of the English National Curriculum 2013. Students are introduced to a range of different techniques for using performance to explore ideas connected with the understanding of character in literacy. This involves thinking about motives and the connection between expression and different abilities and experiences. They are then introduced to a range of simple techniques for exploring characters they have begun to create through performance. Students are then introduced to the idea of performing and reading scripts – in particular, poetry and narrative that they have chosen or written for themselves. They are taught about using rehearsal, tone and voice and different actions in order to read those scripts in front of others. They are	knowledge is crucial (2-7) <u>Classroom pract</u> ice – students learn to plan effective drama (2-4, 6-9) <u>Adaptive Teaching</u> - understanding of differences and needs that may be addressed through drama (1, 3, 7) <u>Assessment –</u> addressing the iterative process of assessment in drama. Also understand how drama is linked to assessment in English. (1, 2, 4, 5)		
Der	Trainees will be made aware of the barriers to learning and how the planning of activities which give opportunities to experiment, invent and create can overcome these barriers. Alongside this, trainees will be asked to reflect on the role of the teacher in creating high quality drama lessons. Focus will be given to the technical skills and different conventions used in drama. Trainees take part in activities which model the effective use of these strategies in the classroom.	also taught to think about the audience and how they may engage them with the performance. Examples of research and evidence Woolard B.G. (2009) <i>Teaching Primary Drama</i> , Routledge, London. Farmer, D. (2011) <i>Learning Through Drama in the Primary Years</i> London: Winston, J and Tandy, M. (2001) <i>Beginning Drama 4 - 11</i> David Fulton London: Bloomfield. A. (2000) <i>Teaching Integrated Arts in the Primary School: Dance,</i> <i>Drama, Music, and the Visual Arts.</i> Fulton. London Carlton, J.P. (2012) <i>Story Drama in the Special Needs Classroom Step-by-</i> <i>Step Lesson Plans for Teaching Through Dramatic Play.</i> Jessica Kingsley. Chalmers, D. (2015) <i>A practical guide to teaching drama to children in the</i> <i>Early Years Foundation Stage.</i> Routledge Bailey, S. (2021) <i>Drama for the Inclusive Classroom: Activities to Support</i> <i>Curriculum and Social-Emotional Learning.</i> Routledge, An Eye On Education Book.	Other information: Discussions and exemplars will be based on students' own experiences and observations of drama on school-based placements. Links made to placement curriculum target setting where appropriate.		

Design Technology Curriculum and Sequence Document

Programme of work

Learn that: Introduction to the Design process to follow.

Topic area :Textiles Make activity -Design and manufacture focus Textiles-Puppets, Bags , slippers

- The 8 step process of DT, involving disciplinary skills and knowledge, should underpin planning;
- skills from the DT toolkit are used by designers and manufacturers.
- We can progress children's skills through careful planning in a scaffolded, structured way.

Learn how to:

- Recognise the process and tools of Design and manufacture (disciplinary understanding) which can help children learn scientific concepts (Substantive knowledge)
- Generate DT activities to support learning and awareness of specific branches of Design and Technology namely the areas of design, materials, structures, mechanisms, electrical control and nutrition.
- Apply skills, knowledge and understanding from the National Curriculum into practice. Plan a series of lessons that follow the process below:

CONTEXT; INVESTIGATE and EVALUATE - Look at products that currently meet that NEED and reflect on how they might be improved; NEEDS ANALYSIS (criteria/specification); GENERATING IDEAS – sketch and reflect on how and why these ideas may be suitable.; FOCUSED PRACTICAL TASKS; DESIGN AND MAKE ACTIVITY – Chose materials and processes, consider H&S then make prototypes / development products for testing.; ASSESS AND OPTIMISE- How do you determine fitness for purpose? Test and make improvements. PRESENTATION Topic area: Moving Mechanisms **Make activity**: Pop-up books and cards

Assessment and Adaptive Planning :

- The subject is particularly suited to cross curricular and or thematic approaches because conceptual thinking skills alone have limited value without a substantive understanding of the process, knowledge of materials or functionality and referencing of appropriate scientific and mathematical principles.
- Craft activities and DT are **NOT** the same thing.
- Assessment of pupils' Conceptual Thinking skills informs teachers' planning for classes, groups and individuals (Adaptive planning) doing the right thing, at the right time, in the right way.
- Misconceptions form barriers to learning. Our teachers training emphasises the importance of substantial subject knowledge to eliminate these.
- DT should develop the concept of the definition of quality as a product that is "FIT FOR PURPOSE'. For example Products must meet an aesthetic and/or a functional need whilst being durable enough for a required life before failure.

•Using the design method creatively.

•Topic area: Cooking and nutrition

•Make activity: Baking activity with a cross curricular theme

The national curriculum requirements in relation to food, diet and cooking techniques

- The principles of nutrition and healthy eating how they link to science.
- To cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now and in later life.

At developing phase the sessions delve deeper into the importance of 'quality' and students learn that products need to be 'fit for purpose' both functionally and aesthetically.

Using the design method cont...

Review of the Design process.

Research and Design

Topic area : Moving Vehicles Make activity - Design and manufacture a wheeled vehicle

- The design method (from Beginning phase)
- Wheeled vehicles
- □ Introduce orthographic projection as means of representing three-dimensional objects in two dimensions.
- links to science ie friction and mathematics ie geometry and accurate measurement.

Teamwork and Using the Design process to follow. Research and Design

Topic area : Moving Vehicles Make activity - manufacture test and optimise a wheeled vehicle

- The design process brings together science, Mathematics visualisation skills and uses these when problem solving.
- The need for attention to detail and how prototyping can help make the decision making process more useful and effective.
- Understand and use mechanical systems in their products [for example, gears, pulleys, cams, axles, levers and linkages]
- Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

Topic area : Static Structures and Environmental recycling Main Make activity – Using a defined amount of paper and thin card design a tall tower to take a load of 750 g.

□the methodical investigation of the stability, strength and rigidity of a structures.

- The basic objective in structural analysis and design is to produce a structure capable of resisting all applied loads without failure during its intended life
- □To know how struts fail and learn how struts can be strengthend. Struts are made from paper.

Understand how triangulation can strengthen a structure

□Vocabulary such as Tensile and Compression will be examined as will the properties of common materials in terms of plastic and elastic deformation in metals for example.

Rationale for sequence

Develop student's knowledge of the requirements for Design Technology and the specific subject and pedagogical knowledge required to teach the subject effectively. Students will recognise the complimentary relationship between the domains of behaviour management, pedagogy, curriculum, assessment and professional behaviours in relation to Design Technology.

Examples of key literature utilised Richardson, R.; (1996), *Planning primary design & technology; London:John Murray* Ball, D. L., Thames, M. H., & Phelps, G. (2008) Content knowledge for teachers: What makes it special? Journal of Teacher Education, 2008 59: 389 DOI: 10.1177/0022487108324554 [Online] Accessible from: https://www.math.ksu.edu/~bennett/ onlinehw/gcenter/ballmkt.pdf.

Core Content Framework links

High Expectations – Teacher expectations (3) Impact of high quality teaching of the process of design and technology (6) How Pupils Learn— students learn that the design process followed underpins learning in DT. It draws directly from theories around working memory to apply understanding of other subjects (particularly science and maths) and the developing of hand skills using a range of tools. <u>Subject and Curriculum</u>– students are regularly checking their own subject knowledge alongside developing an awareness of how technology has progressed and is likely to develop in the future. Teacher subject knowledge is crucial (2-5,7,8, 9,10)

<u>Classroom practice</u> – students learn to plan effective sequences' of learning opportunities that lead to a defined outcome (all statements) <u>Adaptive Teaching</u> - Learn how to model and scaffold the learning of skills utilising the DT process to develop creativity, and problem solving through teamwork. How to respond to the needs of all (1-4,5,6)

<u>Assessment</u> –using different kinds of assessment, understand prior

learning to support next steps to converge on an understanding of Quality as being 'Fit for Purpose' (1,2,4-6)

Other useful information

Successful learning in DT SC's look like: **Enabling -I CAN** the working out how things work and why they are fit for purpose Capability and skills I CAN draw and model and communicate thoughts and ideas to others **Confidence** -I CAN articulate opinions on what I like and dislike and state why. **Recognition- I CAN** pick the appropriate tools, techniques and processes Safety Awareness- I CAN work safely Understanding -I CAN explain how the world around me works and predict change in the future Knowledge- I CAN pick materials based on their properties. Teamworking --- I CAN work with others to meet time objectives

Commitment- I can show commitment to a challenge and achieve the objective.

Subject/module This runs throug	curriculum sequence document Safeguarding th the Programme management sessions linked to placement prepar	ation	
	An introduction to safeguarding. Prior to Beginning placement 1	Rationale for sequencing	Links to CCF
Beginning	 students consider what safeguarding is and are introduced to key legislation and types of abuse. They are instructed on their role when in school as a trainee teacher. Students' knowledge and understanding is further developed prior to Beginning placement 2. Previous learning is recapped and developed, including confidentiality and information sharing. Online safety is introduced and the impact of cyberbullying. Students are required to complete level 1 Safeguarding training (provided online by local authorities) and Prevent training. 	Due to the sensitive nature of 'safeguarding', it is introduced at key points in students' course and carefully developed throughout their studies.	High Expectations – well-being, role models, trust and respect, life chances Subject and Curriculum – build confidence, secure subject knowledge, explicit teaching Classroom practice – questioning, classroom talk, Adaptive teaching – understanding difference, targeted support, additional/adapted support Managing Behaviour – secure
	Students' knowledge and understanding of 'safeguarding' is reviewed and then further developed. School policies relating to 'safeguarding' are considered and trainee teacher responsibilities are addressed. Students explore children as individuals and as part of a family and class. Online safety is further developed with a specific focus on children with SEND:		environments, resilience Professional behaviours – professional development, reflective practice, relationships
		Examples of research and evidence	Other useful information and links
Developing	students are also encouraged to consider their own online presence and how to protect themselves. Students receive Child Exploitation and On-line Protection (CEOP) training to enhance their knowledge and understanding of safeguarding, child protection and online safety. Once completed the students can access the ThinkUKnow resources to use in their own teaching.	Keeping Children Safe in Education (DfE, 2021) https://www.gov.uk/government/publications/keeping- children-safe-in-education2 What to do if you're worried a child is being abused - Advice for practitioners (DfE, 2015) https://www.gov.uk/government/publications/what- to-do-if-youre-worried-a-child-is-being-abused2 Statutory Framework for the EYFS (DfE, 2021) – Section 3 https://www.gov.uk/government/publications/early-	Students are required to undertake specific tasks prior to placement, such as downloading and reading 'Keeping Children Safe in Education' and printing part 1 to keep in placement folder. These tasks have to be shared with the personal tutor at pre- placement tutorials. Safeguarding sessions are either embedded within PLCC or LLTB modules
Extending	Students are reminded of their responsibilities regarding safeguarding during pre-placement lectures. Students are also advised to undertake FGM online training to ensure they are aware of the signs and know what to do and where to get support.	Inteps://www.gov.uk/government/publications/early- years-foundation-stage-framework2 Cumbria Safeguarding Children Partnership https://www.cumbriasafeguardingchildren.co.uk/ United Nations Convention on the Rights of the Child http://www.unicef.org.uk/Documents/Publication- pdfs/UNCRC_summary.pdf NSPCC Information for Teachers https://learning.nspcc.org.uk/safeguarding-child- protection-schools/teaching-resources-lesson-plans The Troubled Families Programme (England) (2020) file:///C:/Users/metca/Downloads/CBP-7585%20(4).pdf	within PLCC of LLTK modules.

Programme: 4-year Campus Based		Subject: EALC4020 English		Subject team: MC, KP, ME, SS, DZ. PC
Session	Learn that/about – subiect	Learn how to –	Evidence Base	Rationale
	knowledge	pedagogical knowledge		
1		Lecture – int	roduction to the module	
2	 The importance of oral communication: The importance, function and development of language in children and in relation to education. How oracy is presenting in the Early Years Foundation Stage Curriculum. A range of material to develop oracy in the classroom. 	 Translate the presentation of oracy in the National Curriculum into more focused teaching. Use a range of activities to develop oracy in the classroom. Adapt our teaching of oracy to meet the needs of children with English as an Additional Language (EAL). 	 Weisleder A and Fernald A. 'Talking to children matters: Early language experience strengthens processing and builds vocabulary' Psychological Science 2013: volume 24, issue 11, pages 2143- 2152 Waugh, D. et al (2020) Primary English for Trainee Teachers – chapter 2 'Speaking and Listening: Spoken Language' by Wendy Joliffe Bearne, E., & Reedy, D. (2018) Teaching Primary English Part 1 Spoken Language Medwell, J., et al (2017) Primary English: Teaching Theory and Practice – chapter 4 'speaking and listening: developing talk in the primary classroom' Medwell, J., et al (2017) Primary English: Knowledge and Understanding – chapter 2 'Spoken English and Standard English' and chapter 4 'the acquisition of language' 	Spoken language underpins the whole of the English (and wider) curriculum. It is all-pervasive and that is why we are starting there: "A language-rich environment is one in which adults talk with children throughout the day. The more children take part in conversations, the more they will understand once they can read and the more vocabulary and ideas they will have to draw on when they can write Spoken language runs through the national curriculum programmes of study for English and all seven areas of learning and development in the revised Early Years Foundation Stage statutory framework." -The Reading Framework (2021) p.20
3	Philosophy for Children: The origins and aims of P4C.	Create a positive environment where children feel safe and confident to enquire together in P4C.	Cam, P (2006): 20 Thinking Tools: Collaborative Inquiry for the Classroom. Camberwell, Victoria: Australian Council for Educational	We have been learning about Philosophy for Children which is a long-established approach to teaching that helps to develop
	The main principles and practice of P4C.		Research Press	children's oracy and thinking skills, as well as benefitting their

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	The complexity of reading comprehension. The different means of developing reading comprehension.		 Bearne & Reedy Teaching Primary English Chs. 5 Perspectives on Reading, 6 Reading for pleasure, 8 Comprehension Tennent Understanding Reading Comprehension Ch. 1 Locating Reading & 2 Locating Comprehension Education Endowment Foundation (2020) Improving Literacy in Key Stage 1: Guidance Report. London: EEF Rose, J. (2006) Independent Review of the Teaching of Early Reading. London:DfES Wyse, D. and Styles, M. (2007) Synthetic phonics and the teaching of reading: the debate surrounding England's 'Rose Report' 	The session works from the didactic to discursive and finally applied approach, embodying neo-Vyygotsian theory.
5	The Effective Teaching of Reading: How reading comprehension strategies might be taught, focusing on a whole class approach. The importance of reading fluency and its relation to reading comprehension.	Develop a whole class reading session to start a lesson. Consider the selection of an age appropriate book to match both the interests of the class and requirements of the objectives being addressed. Apply the pedagogy of whole class teaching.	Literacy, Vol.41 Iss.1 pp. 35-42 Tennent section 2 <i>Practices</i> Chs. 9-11 Waugh et al Ch. 4 <i>Reading</i> Medwell et al (Teaching Theory and Practice) Ch. 9 <i>Developing Reading</i> <i>comprehension</i> Bearne & Reedy – Ch. 5 Perspectives on reading EEF Guidance Reports for EY, KS1 and KS2	We are moving from conceptual to pedagogic knowledge in this session. Having established the importance of reading and begun to explore the complexity of reading comprehension, we will explore how it might be taught. This session will give you models on which you can build to develop your own whole class, shared reading session. Your 10 minute group session will, in turn, be further developed

				into your own, individual whole lesson plan.
6	Including all Learners: The nature and extent of inclusion in general and in relation to English. The nature of Speech, Language and Communication needs (SLCN) and how these might be addressed in English. Understand how specific planning and teaching can support EAL children's development. Relate this to your planning for the assessment.	Adapt our English teaching to meet the needs of all learners.	Alexander, R. (2012) Children, their World, their Education. Final Report and Recommendations of the Cambridge Primary Review London & New York: Routledge Conteh, J. (2015) The EAL Teaching Book London: Sage EAL NEXUS Pedagogic principles and teaching resources https://ealresources.bell- foundation.org.uk/teachers/effective- teaching-eal-learners National Association for Language Development In the Curriculum (NALDIC) https://naldic.org.uk/ Spencer, V. (2013) 'How do we effectively meet the needs of children with EAL in the classroom?' Available at http://www.consider-ed.org.uk/how-do- we-effectively-meet-the-needs-of-children- with-eal-in-the-classroom/ Accessed March 2017.	With an increasingly secure knowledge of the nature of reading and reading comprehension and associated pedagogy, we can now explore how that pedagogy may be adapted to meet diverse needs.
	Preparation for the mini-teach: What constitutes a quality text.	Select an appropriate text for a reading lesson. How to plan collaboratively for an introductory whole class reading session.		This session build on the previous sessions developing your conceptual and pedagogic knowledge and offers you an opportunity to apply and extend what you have learned in a planning exercise.

		Apply or adapt some of the modelled teaching approaches/strategies.		This exercise is deliberately constructed as a collaborative one following a social constructivist teaching model: you will develop your plan collectively and have your ideas challenged, developed and extended by your peers. This reflects how you might ask your class to work. You will deliver this plan in a future session and be given formative feedback, allowing you to reflect on and modify your work – much as you would do in the classroom.
7	Grammar and Punctuation Set targets to develop areas of our subje This is our opportunity to review your p targets for and move into your beginnin	ect knowledge. unctuation and grammar audit a g placement.	and set subject knowledge targets that will be	taken account of as your set
8	 Teaching and Assessing Reading: The EAEY4001 English assignment. The structure of a UoC lesson plan. The nature of assessment and how it relates to Our lesson plan for the assessment (formative) The assessment of reading (summative in relation to statutory assessment of reading) 	Complete a UoC plan. Integrate formative assessment into planning for English.	 Waugh et al Chs. 14 Planning for Delivery & 15 Assessment Medwell et al Teaching Theory and Practice Ch.15 Assessing English Bearne & Reedy. Introduction & Ch. 9 Describing and assessing progress in reading 	This session will help to build from your collaborative whole class reading session to an individual lesson plan for the assignment. We are now at the stage where you have explored the nature of reading and reading comprehension and been introduced to and explored approaches to teaching this aspect of English.

				Our focus is now on your planning
				and the role of assessment.
				Following this session, you will be
				in a position to address all aspects
				of your assignment.
9	Reading into writing:	Plan and teach writing,	Glazzard, J. & Palmer, J (2015) Enriching	To demonstrate that writing does
	Quality writing arises from quality	based on prior reading in a	Primary English. Northwich: Critical	not occur in isolation and that all
	reading	careful sequence, over time	Teaching	lessons are links in a chain:
				backwards to prior learning and
	The role of texts as models for student	Use a neo-Vygotskian model	Medwell J., Wray, D., Moore, G., Griffiths,	forwards to subsequent learning
	writing	of scaffolded teaching to	V. (2014) Primary English, Knowledge and	
		approach pupil	Understanding, Sage	To develop personal engagement
	Modelled, shared supported and	independence		and enthusiasm for writing via
	independent writing		Waugh, Jolliffe & Allott (2017) Primary	the student's participation in the
		Use success criteria to	English for Trainee Teachers. London: Sage	writing process (writing
	The nature of kennings	develop quality writing		kennings).
		through self and peer		
		assessment		This session also models the
				planning process that students
				are asked to undertake as part of
				the assessment
10	Planning	Plan activities to support and		This session will develop your
		develop children's ability		understanding of planning in
	The planning cycle – planning.	and skills in reading.		relation to English, specifically
	Preparation, teaching and evaluation.			reading.
	Planning for reading			This session will feed into the
				next session.
11	Preparation for placement:	Begin to plan lesson		This session will support you in
		sequences, based on our		preparing for Beginning
	Possible approaches to teaching	experience of teaching single		placement in relation to the
	English on your forthcoming	lessons.		teaching of English.
	placement, reminding you of what we			
	have covered that might help you.			

The relation of this module to the requirements of the Beginning placement.		
The location of the Beginning placement paperwork and how to access it.		

Beginning Placement

During your placement, you have the opportunity to observe teaching and learning in English (particularly Spoken Language and Reading), ask questions (of the teacher and children) and reflect on how your learning in university sessions links to your observations in the classroom.

Engage with the following:

- How do the teachers use, control, and encourage talk?
- Engage in talk, e.g., question, probe, present challenges though role-play, drama, talk partners, group discussions.
- How are books used in the classroom?
- Observe shared and small group focused (guided) reading and discuss with the teacher.
- Select and read/share a book with the whole class. EY/KS1 picture book; KS2 short story, novel. You may want to start with a small group and build up to the whole class.

The focus for this module has been Spoken Language and Reading, therefore your teaching should also try to focus on these areas.

- Work with and adopt, share and work towards adapting mentors planning
- Begin to produce individual plans that identify clear learning outcomes, activities, assessment opportunities and organisation. You may want to start with planning for individual learners and build up to small groups and eventually whole class.

Programme: 4-year Campus Based		Subject: PLCC9591 English (year 2)		Subject team: MC, KP, ME, SS, DZ, PC
Session	Learn that/about – subject knowledge	Learn how to – pedagogical knowledge	Evidence Base	Rationale
1	Writing: Motivation for writing. Purpose of writing.		What is the research evidence on writing? Education Standards Research Team, Department for Education Ref: DFE-RR238 ISBN: 978-1- 78105-144-3 © Department for Education November 2012	This module will focus on developing you as a teacher of English. It will enable you to identify key principles and practices in the

	Approaches to teaching		Key Stage 1 and Key Stage 2 Literacy	teaching of English in the primary
	writing.		Guidance Reports	school.
			https://educationendowmentfoundation.or	The focus will be on the knowledge
	Text types.		g.uk/tools/guidance-reports/	and application of the teaching of
	Writing in the National		Changing How Writing Is Taught Steve	writing, including how it links to
	Curriculum.		Graham First Published May 22, 2019	oral communication and building
			Research Article	on your previous work on reading.
	The Simple View of Writing		https://doi.org/10.3102/0091732X1882112	,
			5	
			What Works Clearinghouse, 2012;	
			Gillespie and Graham, 2010; Andrews et al,	
			2009; Santangelo and Olinghouse, (2009)	
			https://writing4pleasure.com/2020/09/10/t	
			he-dfe-and-writing-for-pleasure-what-	
			happened-and-what-should-happen-next/	
			Young, R., (2019) What is it Writing For	
			Pleasure teachers do that makes the	
			difference?The Goldsmiths' Company & The	
			University Of Sussex: UK [Online] Available	
			at:writing4pleasure.com	
			Muijs, D. and Bokhove, C. (2020).	
			Metacognition and Self-Regulation:	
			Evidence Review. London: Education	
			Endowment Foundation.	
			https://educationendowmentfoundation.or	
			g.uk/evidence-summaries/evidence-	
			reviews/metacognition-and-self-regulation-	
			review/	
2	Fiction Writing:	Develop confidence in teaching different genres	https://nha-	To develop personal learning and
		through speaking & listening and reading &	handwriting.org.uk/handwriting/	reflection.
	A range of genres/text types.	writing.		
			DfE (2021) The reading framework:	
			Teaching the foundations of literacy	

	How particular skills can be supported within the writing process.	Develop work on texts and their language features within shared writing.	Ofsted (2017). 'Bold beginnings: The Reception curriculum in a sample of good and outstanding primary schools Medwell J., Wray, D., Moore, G., Griffiths, V. (2014) Primary English, Knowledge and Understanding, Sage	To develop knowledge and understanding of a range of genres and language features. To understand the role of shared writing – being creative. To develop the skill of modelling/scaffolding writing and developing children's independence for different abilities and needs.
3	Non-fiction writing: The main non-fiction text types and language features. Ways to meet different abilities and needs in classroom practice. How particular skills can be supported within the writing process. SPaG audit	Develop confidence in teaching writing in a range of non-fiction genres, making links between reading and writing. Develop work on texts and their language features within guided writing, including models and approaches such as : Extending Interactions with Non-Fiction Texts; Directed Activities Related to Text	EXIT model http://onlinelibrary.wiley.com/doi/10.1111 /j.1467-9345.1995.tb00131.x/abstract Gilbert, I (2002) Essential Motivation in the Classroom London: Routledge Falmer Lewis, M Chapter 10 Exploring Non-Fiction Texts Creatively; in Cremin, T (2009) Teaching English Creatively Oxford: Routledge). Mallett, M (2007) Active encounters: Inspiring young readers and writers of non- fiction 4 -11 UKLA www.ukla.org; Mallett, M (1992) Making Facts Matter: Reading Non-fiction 5 – 11. London: Paul Chapman Palmer, S., 'Writing Across the Curriculum	To develop personal learning and reflection. To develop knowledge and understanding of a range of genres and language features. To understand the role of shared writing – being creative. To develop the skill of modelling/scaffolding writing and developing children's independence for different abilities and needs.

Programme: 4-year Campus Based		Subject: PLCC9592 English (year 3)		Subject team: MC, KP, ME, SS,
				DZ, PC
Session	Learn that/about – subject	Learn how to – pedagogical knowledge	Evidence Base	Rationale
	knowledge			
1	Exploring Poetry:	Teach writing in a range of poetic styles, making links between reading, writing and spoken	Brownjohn, S, (1994) To Rhyme or not to Rhyme?	To develop personal learning and reflection.
	The main poetic text types and	language.		
	language features.		Chambers, A. in 'Tell me: Children's reading	To develop knowledge and
	The role that oral interaction	Consider creativity in classroom practice.	and talk	understanding of a range of poetic
	[including reading aloud,			forms and language features
	reciting, performing and learning by heart] poems in		Corbett, P. (2008) Jumpstart! Poetry.	identified.
	developing pupils' response to		Cremin, T. (2015). Teaching English	To understand the role of shared
	and appreciation of poetry.		Creatively 2nd ed'n. London. Routledge	writing – being creative.
	Ways to consider creativity in		Myhill D(2001) Using talk to scaffold pupils'	To develop the skill of
	classroom practice.		learning	modelling/scaffolding writing and consider how to plan for learning.
	How s can be supported within			
	the writing process.			
2	Spelling, Punctuation and	Approach the teaching of grammar.	Waugh, D., Warner, C. and Waugh, R.	To develop knowledge and
	Grammar in writing:		(2013) Teaching Grammar, Punctuation and	understanding of the importance of
			Spelling in the Primary School. London:	spelling, grammar and punctuation
	The purpose of teaching		Sage.	in effective communication.
	spelling, grammar and			
	punctuation.		Copping, A (2016) Being Creative in Primary	Start to consider the use of
			English London: Sage	different teaching approaches in
	Teaching grammar discretely			your own practice.
	and in context.		Cremin, T (2015) Teaching English	
			Creatively Oxon: Routledge	
3	Playscripts and Drama:	Identify and meet the challenges of conveying an	Baldwin, P. (2008)The Primary Drama	To develop personal learning and
		entire story mainly through dialogue.	Handbook; Sage	reflection.
	The conventions of play scripts.			
		Strategies for separating composition from	Day, A. (2011) Drama sessions for primary	To develop knowledge and
	Why drama is valuable.	preparation and performance.	schools and drama clubs . 1st ed. London:	understanding of the role and
			Routledge. doi:10.4324/9780203827307	conventions of playscripts.

The challenges of conveying an	Clements, J., Tobin, M.	To understand the role of oral
entire story mainly through	(2021)Understanding and Teaching Primar	y rehearsal and being creative.
dialogue.	English; Sage	
The importance of separating	Cremin, T. et al (2009) Jumpstart! Drama.	
composition from preparation		
and performance.		

Developing Placement

Engage with:

- Statutory and non-statutory guidance in the teaching of English
- How the application of research and policy in the classroom impact on pupils' learning
- What creative approaches support learning in English, including through ICT

The expectation for the teaching of English:

- adapt/develop/update medium term, weekly, individual lesson plans to support and sustain teaching for all learners
- sustain learners' interest and engagement in age/ability appropriate learning activities that meet intended learning outcomes
- plan and carry out formative and summative assessment to inform next steps in learning and teaching to support pupils' progress in writing

Where possible develop plans for a unit of English that work from Reading through to Writing with Spoken Language supporting all aspects. The unit should produce an outcome (related to 'writing') and should either incorporate, or work alongside discrete, small group focused (guided) reading, spelling, grammar and punctuation teaching and learning.

Programme: 4-year Campus Based		Subject: EALC6020 English (year 3)		Subject team: MC, KP, ME, SS, DZ, PC
Session	Learn that/about – subject	Learn how to – pedagogical	Evidence Base	Rationale
	knowledge	knowledge		
1	Introduction to the module			
2	Assessment in English:	Critically evaluate different	Faragher (2013) Understanding Assessment in	
	Different types of assessment and	types of assessment	Primary education	
	their application in English			
3	Assessment spoken Language:	Identify and assess	Brown, A (2009) Developing language and literacy 3-	The students' previous modules have
		children's skills in oral	8. London. Sage.	focused on the curriculum for English and
	The importance of assessing Spoken	communication and spoken		appropriate pedagogies. This is module
	Language in children's learning in	language.	NALDIC Formative Assessment Descriptors.	is an opportunity to focus on the
	English.		http://www.naldic.org.uk/Resources/NALDIC/Teach	assessment of English, exploring
		Assess a sample of talk.		statutory and non-statutory, in-school

	Statutory and non-statutory guidance		ng%20and%20Learning/NALDICEALFormativeAssess	practices, adapting assessment to suit the
	and assessment.	To use templates/models to	mentIntroductionfinal.pdf	needs of all learners, using assessment
		support assessment in oral	http://www.naldic.org.uk/Resources/NALDIC/Teach	data and developing confidence in a
	The challenges around the	communication and spoken	ng%20and%20Learning/NALDICdescriptorsKS1.pdf	range of assessment strategies.
	assessment of Spoken Language.	language.	http://www.naldic.org.uk/Resources/NALDIC/Teach	
			ng%20and%20Learning/NALDICdescriptorsKS2final.	This session intends to focus the students
	The role of listening in Spoken		pdf	on considering the assessment of oral
	Language.			communication and reflect on placement
			Tulloch,K; Cullen,J; Jones,E; Saunders, L; Turner, G	experiences.
			(2012) Transforming QTS: Primary English Across the	
		Eveluate and eveterestically	Curriculum. London. Sage.	The students will fear an their
4	Assessment of reading:	Evaluate and systematically	EYFS, KSI and KSZ ARA documents.	The students will focus on their
	Our understanding of the term		Maugh et al Primary English for Trainge Teachers	statutory reading assessments. Students
	'reading'	approaches for reading	Ch 4 Reading	should reflect on their own
		approvenes for reduing.		experiences. Consider the collection of
	Formative and summative		Medwell et al Teaching Theory and Practice	data.
	assessment approaches for reading.			
			Bearne & Reedy Teaching Primary English	
			Saunders, L (2015) Progression in Primary English	
			London: Sage	
			Wyse, D. and Styles, M. (2007) Synthetic phonics and	
			the teaching of reading: the debate surrounding	
			England's 'Rose Report' Literacy, Vol.41 Iss.1 pp. 35- 42	
5	Assessment of writing:	Use formative summative,	EYFS, KS1 and KS2 ARA documents.	The students will focus on their
	A range of different approaches to	diagnostic assessment	Keening up – Pupils who fall behind in writing in KS2	statutory writing assessments and how
	the assessment of writing	strategies in the classroom	(2007)	children can be supported in their
		to support learning.		writing. Students should be able to
	Supporting children who are not			reflect on their own placement
	meeting expected outcomes.			experiences.
	Statutory summative assessment.			

6 & 7	EAL learners and their assessment needs:	Assess EAL learners.	Arnot, et al (2014) School Approaches to the Education of EAL students Cambridge: The Bell	So far, we have looked at the assessment of spoken language, reading and writing
	EAL learners in primary schools.	Adapt assessment for EAL learners.	Educational Trust	in relation to the National Curriculum.
			Conteh, J. (2012) Teaching Bilingual and EAL	This session is intended to develop your
	Statutory requirements relating to EAL learners.	Consider the context of learning.	Learners in Primary Schools Sage: London	understanding further by considering specific challenges to assessment (learners with English as an Additional
	Challenges and barriers to learning and assessment.		EAL NEXUS Pedagogic principles and teaching resources <u>https://ealresources.bell-</u>	Language).
			foundation.org.uk/teachers/effective-teaching-eal-	A background to EAL learners in England
			<u>learners</u>	will be explored and resources suggested
				to support your practise.
			National Association for Language Development In	
			the Curriculum (NALDIC) https://naldic.org.uk/	
			spencer, v. (2013) How do we effectively meet the	
			Warner, E & Elton-Chalcraft, S (2017) 'Race, Culture	
			and Ethnicity: teachers and children' in Elton-	
			Chalcraft, S. & Cooper, H. (3rd ed). Professional	
	A		Studies in Primary Education. London: Sage.	
8	Assessment processes and	Create Intervention	Kendall,S., Straw,S., Jones,M., Springate, I., &	I nrough the module we have looked at
	interventions.	strategies.	Evidence: Narrowing the Gap in Outcomes for	and considered how assessments can be
	The purpose and use of interventions	Mark children's writing.	Vulnerable Groups, Slough: NFFR.	adapted for diverse learners.
	to support learning in English.			
			Literacy and numeracy catch-up strategies.	There may be times when your
	The purpose of marking policies and		(2017 DFE-20010-	assessment identifies particular needs in
	how they support teaching and		2017 www.gov.uk/government/publications	individual or small groups of children and
	learning.			this session is designed to help you plan
	The use of marking codes		Ofsted (2011) 'Assessing pupils' progress' initiative – Key findings	to meet those needs.
				We will also consider how marking
				policies can support teaching and
				learning in English.

Additional	Understand the planning process	Plan sequences of work	School-based documents, e.g. KLIPs and LAPs	There are 4 sessions where you will visit
sessions in	through phases process.			and work with a local school. This
school		Demonstrate quality first		provides you with the opportunity to link
	Consider example of progression	teaching strategies that		theory and practice as well as develop
	throughout phases, year groups and	support all learners		your understanding of progression and
	key stages			meeting the needs of all learners in
				English. It offers an opportunity for you
				to become familiar with school resources
				and documentation.

Q4: Math	Q4: Mathematics Beginning MATC4010					
Session	Learn that (Subject knowledge)	Learn how to (Pedagogical knowledge)	Evidence base	Rationale		
1	 Introduction to Maths a raised awareness of the impact of teacher beliefs on effective mathematics teaching and considered the implications for your own learning a raised awareness of the features of good practice in primary mathematics begin to develop some familiarity with current documentation and approaches 	They will have mathematics activities modelled to them and consider what and how they would help the children to learn. Learning theories and the role they play in practice – links to working memory high quality teaching & learning Planning for learning Understand the importance of a practical and discussion-based approach to the development of children's mathematical understanding Identify the elements involved in good practice in primary mathematics and evaluate the appropriateness of different learning and teaching approaches within those elements.	 Boaler, J. (2016) Mathematical mindsets: unleashing students' potential through creative math, inspiring messages, and innovative teaching /. Edited by C. Dweck. San Francisco, California: Jossey-Bass Garry, T. (2020) Mastery in Primary Mathematics [electronic resource] / A Guide for Teachers and Leaders. London: Bloomsbury Education Garry, T. (2020) Mastery in Primary Mathematics [electronic resource] / A Guide for Teachers and Leaders. London: Bloomsbury Education Garry, T. (2020) Mastery in Primary Mathematics [electronic resource] / A Guide for Teachers and Leaders. London: Bloomsbury Education Statutory framework for the early year's foundation stage Setting the standards for learning, development and care for children from birth to five (2021) Mathematics programmes of study: key stages 1 and 2 (2013) 	The mathematics is sequenced to help students become confident, enthusiastic and capable teachers of the subject. By starting with the students' own attitudes and fears we can start to help the students to develop a love of the subject, as we work on their own understanding and address misconceptions.		
2	 Foundations of Numeracy Introduced to the Audit, Tracking Document and Maths File To understand the principles of counting and representing number. To identify progression in children's counting skills. To be aware of children's difficulties in counting and representing number. 	Learning theories and the role they play in practice – links to working memory A CPA approach.	Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Hansen, A. (ed.) (2020) Children's errors in mathematics. 5th edition. London: Learning Matters The Counting principles Rochel Gelman and C. R. Gallistel (1986) rews, D. and Hansen, A. (2007) Using resources to support mathematical thinking: primary and early years. Learning Matters.	The key features and the theories that underpin effective teaching are modelled and developed with practical ideas linked to school placements throughout. These are initially developed alongside, and through, an exploration of the fundamentals of mathematics (as in the 1st aim of the mathematics NC), with particular focus on conceptual understanding of counting, calculation and shape		
	Effective use of resources Introduction to part A of assignment • A raised awareness of some of the features of effective resources • Experienced and worked with some resources • Made links to Part A of your assignment	Learning theories and the role they play in practice – links to working memory A CPA approach and how the use of resources relates to this application of a theoretical approach.	Drews, D. and Hansen, A. (2007) Using resources to support mathematical thinking: primary and early years. Learning Matters.	Resources play a crucial part in aiding children's understanding. Early introduction to the assignment helps build knowledge through the module.		

3	 Place Value To further develop understanding of the place of resources in primary mathematics teaching To consider what is meant by place value To be introduced to some activities to develop an understanding of place value with children To be introduced to some resources which can support teaching of place value 	Learning theories and the role they play in practice – links to working memory The use of resources to support learning Procedural and conceptual understanding	 Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Hansen, A. (ed.) (2020) Children's errors in mathematics. 5th edition. London: Learning Matter Broadbent, A. (2004). 'Understanding Place Value. A Case Stu dy of the Base Ten Game.' Australian Primary Mathematics Classroom, Oct 2004, Vol. 9 Issue 4, p4546. Bruner, J. (1966). Toward a Theory of Instruction. London: Oxford University Press Cheung, P. and Ansari, D. (2021) 'Cracking the code of place value: The relationship between place and value takes years to master', <i>Developmental psychology</i>. United States: American Psychological Association, 57(2), pp. 227–240 	Place value is important because it provides the foundation for understanding our number system, regrouping, multiple-digit multiplication and more in the decimal system, as well as a starting point for the understanding of other base systems.
4	 Addition and Subtraction Understand the inverse relationship between addition and subtraction and be introduced to some representations of these calculations. Be aware of the variety and progression of mental calculations and understand the importance of developing fluency with these. Develop conceptual understanding of written methods of addition and subtraction and know some ways children can be supported to learn these (including use of resources) Have evaluated the efficiency and effectiveness of addition and subtraction written methods. 	Learning theories and the role they play in practice – links to working memory Procedural and conceptual understanding	Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Hansen, A. (ed.) (2020) Children's errors in mathematics. 5th edition. London: Learning Matters	Addition and Subtraction helps children master the relationships between numbers and understand how quantities relate to one another
5	Multiplication and Division Consider the skills, knowledge and understanding to e quip children to competently multiply and divide Recognise the progression from mental calculations, through expanded methods to compact methods. 	Learning theories and the role they play in practice – links to working memory	Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Hansen, A. (ed.) (2020) Children's errors in mathematics. 5th edition. London: Learning Matters	Understanding how to multiply and divide numbers is essential to be able to solve maths problems quickly

6	 Be aware that mental calculations continue to play a vital role in written calculations. Recognise common errors and misconceptions Recognise the need for children to approximate ans wers in order to prevent errors Identify areas for personal development of mathemat ics knowledge and understanding 3D Shape: 	The cycle of plan-teach-assess and effective	Haylock, D. (2019) Mathematics explained for primary	Learning shapes not only helps children identify and
	 Explored the use of 3D mathematical apparatus and a ctivities as an aid to mathematical understanding. Used precise terminology related to 3D and shape and construction Considered implications for your own Subject Knowle dge. Discussed opportunities for assessment 2D Shape Explored the use of 3D and 2D mathematical apparatus and activities as an aid to mathematical understanding. Used precise terminology related to 3D and 2D shape and construction Considered implications for your own Subject Knowle dge. Discussed opportunities for assessment Discussed opportunities for assessment Discussed opportunities for your own Subject Knowle dge. Discussed opportunities for assessment 	formative assessment	teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Hansen, A. (ed.) (2020) Children's errors in mathematics. 5th edition. London: Learning Matters Wiliam, D. (2017), <i>Embedded Formative Assessment:</i> (Strategies for Classroom Assessment That Drives Student Engagement and Learning), Solution Tree, Bloomington, Indiana. Available from: ProQuest Ebook Central. [22 December 2021].	organize visual information, it helps them learn skills in other curriculum areas
7	Placement tutorial	The cycle of plan-teach-assess and effective formative assessment	 Wiliam, D. (2017), Embedded Formative Assessment: (Strategies for Classroom Assessment That Drives Student Engagement and Learning), Solution Tree, Bloomington, Indiana. Available from: ProQuest Ebook Central. [22 December 2021]. Drews, D. and Hansen, A. (2007) Using resources to support mathematical thinking: primary and early years. Learning Matters. 	Student support for assignment task and introduction to the planning cycle
8	Placement return and assignment support			
9	Group Tutorials File check/Audit/Tracking Document		Mooney, C. (2014) Primary mathematics: knowledge and understanding.7th edn. London: Learning Matters.	

Progra	amme: Q4 Developing 5030	Subject/Module: Mathematics Module LOs *demonstrate ability to analyse the development of children's problem solving skills within Mathematics; *observe and evaluate the opportunities for problem solving skills to be used in real-life contexts and other areas of the curriculum; *apply and reflectively evaluate your own knowledge and understanding when planning activities to assess and develop that of the children; *plan, assess and reflect upon whole class mathematics lessons.	Subject Leader: John Dudgeon Module Leader: Fiona Tidbury	 Module Assignment: Title: A critical evaluation of the role of problem solving in facilitating children's mathematical development in relation to this module and school experience. The assignment will consist of 2 parts, A and B A) A definition of mathematical problem solving: (200 words) Using a variety of sources, construct your own definition of mathematical problem solving. B) What is the role of problem solving in mathematics teaching and learning? (800 words) This should also include reflection on the implications for your personal and professional practice.
D	Learn that/about	Learn how to	Evidence Base	Rationale
1	Problem solving (PS) and reasoning Learn that: *Problem solving and mathematical reasoning are viewed as key aspects of mathematics, in both mathematics education literature, and in the NC and EYFS *Problem solving skills and mathematical reasoning can be broken down into a number of separate components (eg conjecturing etc) *There are a variety of different types of problems which can be presented in different ways (words, visually etc) *Teachers are key role models who can influence the attitudes, values and	Learn how to: *tackle mathematical problems and recognise PS skills and mathematical reasoning used within the PS process in order to use this to incorporate within planning and teaching mathematics *access a range of problem solving activities that can be used to support planning and teaching	Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles :: SAGE (throughout module) Barmby, P. (2014) Understanding and enriching problem solving in primary mathematics /. Edited by D. Bolden and L. Thompson. Northwich, England: Critical Publishing (throughout module) https://educationendowmentf oundation.org.uk/education- evidence/guidance- reports/maths-ks-2- 3 (throughout module) https://educationendowmentf oundation.org.uk/education-	Having focused on the fundamentals of mathematics and the use of images and resources to support conceptual understanding in MATC4402 (NC Aim 1), this module moves on to develop student's understanding of mathematical reasoning and thinking (NC Aim 2) and problem solving (NC Aim 3). The introductory session considers the place of these in the NC and also in the EYFS framework, to underline their significance to students, and the students then engage in solving a series of problems, designed to exemplify a variety of aspects of problem solving and reasoning (e.g. conjecture, generalise, communicate etc). As follow-up, students begin reading for Part A of the assignment – a definition of mathematical PS, exploring the research in the process and further developing understanding of the topic.

	behaviours of their pupils, with		evidence/guidance-	
	regards to PS, including feeling		reports/early-maths	
	'stuck' and persevering.		(throughout module)	
	*Working through examples		https://assets.publishing.servic	
	together can be used to		e.gov.uk/government/uploads/	
	develop and highlight PS skills		system/uploads/attachment_d	
	and reasoning.		ata/file/335158/PRIMARY nati	
	*Questioning is a key tool in		<u>onal curriculum -</u>	
	helping children to develop PS		Mathematics 220714.pdf (thr	
	and high quality classroom talk		oughout module)	
	can be used to help develop PS		https://assets.publishing.servic	
	and reasoning skills.		e.gov.uk/government/uploads/	
	*Group activities can be used		system/uploads/attachment_d	
	to develop PS skills and		ata/file/974907/EYFS framewo	
	reasoning, but children need to		rk -	
	be supported with these.		March 2021.pdf (throughout	
			module)	
2	Problems including word	Learn how to:	Barmby, P. (2014)	Students continue to develop understanding of PS skills and processes
-	problems.	*recognise PS and reasoning within FY play activities	Understanding and enriching	through analysing a video of a child in and FY play setting, an making
	learn that:	*recognise stages and strategies within the PS process and	nrohlem solving in primary	connections with the EYES characteristics of effective teaching and
	*the EYES characteristics of	how these may be taught and learnt within the classroom	mathematics / Edited by D	learning and developing foundations of mathematical PS and
	effective teaching and learning	*how to plan for the particular challenges around teaching	Bolden and L. Thompson	reasoning. Their initial exploration of PS skills and process (through
	provide a foundation for	word problems	Northwich England: Critical	formative assignment Part A) is developed through practical PS
	developing mathematical PS	*how to use har models and other representations to support	Publishing (throughout	activities followed by reflection and discussion
	and reasoning	the DS process	module)	activities followed by reflection and discussion.
	*mathematical BS and	*how to tackle challenges around when to include PS in	longs L (2002) (The Problem	
	reasoning can be developed	loarning sequences, and how to use resources such as the	with Problem Solving' in	
	through play activities	neich curriculum planning to support integration of DS with	Thompson I Enhancing	
	*research has identified	NC topics	Drimany Mathematics	
	various stops in the	NC topics	Tagebing Darkshire McCrow	
	wathomatical DC process and		Lill Education	
	mathematical PS process and		Rill Education	
	various strategies that can be		it is now access of	
	used, and that children can be		nt : a new aspect of	
	to apply them		ad Dringston N.L. & Dringston	
	to apply them ******		ed. Princeton, N.J. ;: Princeton	
	shelles are with too shine		Diriversity Press	
	challenges with teaching		Burton, L. (1995) Thinking	
	children to tackle word		things through : problem	
	problems, and how these may		solving in mathematics /.	
			Oxtora :: Nash Pollock.	
	*that various representations		Utsted (2015) Better	
	including bar models can help		Mathematics Conference	
	children with the mathematical		Keynote Spring 2015. Paper	
	structure of problems		presented at the Better	
	*that PS can be included at		Mathematics Conference,	
	different points within		Norwich, Norfolk. Available at:	

		1	1	1
	teaching sequences, and what		https://www.slideshare.net/Of	
	some of the		stednews/better-mathematics-	
	advantages/disadvantages of		keynote-spring-2015. Accessed	
	these might be (including		<u>14.1.22</u>	
	within mastery approaches)		https://nrich.maths.org/conten	
			t/id/11796/RoleMasteryNurtur	
			ingYoungMathematicians.pdf	
			https://www.ncetm.org.uk/cla	
			ssroom-resources/nm-	
			reasoning_skills/	
	Multiplication and Division	Loorn how to:	Havlack D (2010)	Students have covered the tenic of multiplication and division in the
3		*earny out konvertition coloulation matheds for division and	Mathematics avalained for	first year medule MATCA402 and often identify written methods as a
	revisited/ weekly planning	and the listing	Mathematics explained for	first year module MATC4402, and often identify written methods as a
	Learn that:		primary teachers /. 6th edition	SK target. Experience has shown they benefit from extra opportunity to
	*secure subject knowledge	*plan a sequence of learning in mathematics, including how	/. Edited by R. Manning. Los	revisit this, so are given PDA tasks (involving written division and
	enables teachers to teach	PS may be incorporated	Angeles :: SAGE	multiplication) prior to this seminar, and opportunity in the session to
	effectively.	*use diagnostic marking as part of formative assessment to	https://assets.publishing.servic	explain methods to peers, using resources such as place value counters
	*know a range of written	identify next steps within a learning sequence	e.gov.uk/government/uploads/	for division.
	methods for division and		system/uploads/attachment_d	The second part of the seminar addresses planning learning sequences
	multiplication (link to NC		ata/file/335158/PRIMARY nati	in mathematics, in preparation for developing placement, developing
	appendix)		<u>onal curriculum -</u>	ideas introduced in Yr 1 MATC4402, when individual lesson plans are
	*know how children might		Mathematics 220714.pdf	covered, and included in the Yr 1 assignment.
	apply these in a range of PS		Garry, T. (2020) Mastery in	
	contexts		Primary Mathematics	
	*know how diagnostic marking		[electronic resource] / A Guide	
	(as part of formative		for Teachers and Leaders.	
	assessment) can be used to		London: Bloomsbury Education	
	identify next stens			
	*know how to develop an			
	offective learning sequence in			
	mathematics to enable pupils			
	ta liab a suideas ta suistina			
	to link new ideas to existing			
	knowledge (exemplified			
	through division)			
	On Developing placement, all			
	students will:			
	Collect evidence of how aims 2			
	and 3 of the Mathematics NC			
	(2013) are being addressed in			
	school (ensure pupils reason			
	mathematically and can solve			
	nrohlems by applying their			
	mathematics to a variaty of			
	routing and non souting			
	nouline and non-routine			
	problems). This might include			
	notes from observations,			

	children's work, examples of activities set etc and will be used to support your assignment for this module.			
4	Measures. Learn that: *teaching measures begins with foundational concepts and skills which involve comparison and non-standard units, prior to the introduction of standard units *some ways that standard measures can be introduced (cm/m debate) *measurement is based on the principle of transitivity *practical approaches enable children to learn to measure and estimate, selecting appropriate equipment and units; *there are a variety of potential misconceptions relating to measures and use of measuring equipment, and ways that these may be addressed during teaching eg issues with reading scales *connections can be made between conversions of units of length and the place value system (including decimals) – relationships x 10, x100, /10, (100 at c	Learn how to: *use a variety of practical activities in planning and teaching measures *use knowledge of potential misconceptions to anticipate these within teaching.	Haylock, D. (2019) Mathematics explained for primary teachers. 6th edition. Los Angeles: SAGE Mooney, C. (2021) Primary Mathematics: Knowledge and Understanding. 9th Edition. SAGE Publishing. Clements, D.H. and Stephan, M. (2003) Measurement in Pre- K to Grade 2 Mathematics in Douglas H. Clements et al. (2011) Engaging Young Children in Mathematics : Standards for Early Childhood Mathematics Education. Mahwah, N.J.: Routledge (Studies in Mathematical Thinking and Learning). Smith, John & van den Heuvel- Panhuizen, Marja & Teppo, Anne. (2011). Learning, teaching, and using measurement: Introduction to the issue. ZDM. 43:617-20	This seminar covers a further area of mathematics, not included in the MATC4402 Yr 1 module, exploring as with other topics progression EY, KS1, KS2,, misconceptions, and practical approaches. However, this seminar also lays the foundations for session 6 in the following week, as it provides the mathematical content which is then applied during the D and T PS task which the students undertake.
5	/100 etc Assignment Lecture Lecture provides detailed guidance on the requirements of the module assessment (see above for assignment details)			Whole cohort lecture provides students with consistent messaging around assignment preparation and requirements.

6	Applying mathematics – Design and Technology Task Learn that: *aspects of mathematics are integral to fully develop knowledge, skills and understanding in another curriculum area (exemplified through DT) *other curriculum areas can provide a context for mathematical problem solving and application	Learn how to: *identify the mathematics knowledge, skills and understanding, PS and reasoning applied within a DT task *identify a variety of tasks which might provide a context for mathematical PS and reasoning, in other curriculum areas *recognise the impact of the affective domain on PS, through carrying out a PS activity themselves	Barmby, P. (2014) Understanding and enriching problem solving in primary mathematics /. Edited by D. Bolden and L. Thompson. Northwich, England: Critical Publishing Fox, S. (2010) Mathematics across the curriculum : problem-solving, reasoning, and numeracy in primary schools /. Edited by L. Surtees. London :: Continuum	This seminar puts the students in the role of a 'problem solver' and encourages them to reflect on the processes and skills which are involved in PS, also highlighting the significance of the affective domain. The seminar follows on from 'Measures', with this knowledge being applied (along with geometrical knowledge from Yr 1) to the design and construction of perfume packaging. This supports the students in looking for opportunities in school to apply mathematical knowledge and skills in other curriculum areas. Reflections feed into the assignment.
7	PDA – Audit/Targets/Actions Optional assignment tutorials Students use this PDA time to carry out their mathematics audit for this module, and to use the results of this to identify targets and record these on their Target Tracking Document, along with appropriate actions to address these. They also use the time to ensure all actions from Yr 1 are completed, and to begin on Yr 2 actions. Individual tutorials support assignment preparation.			Audits, Targets, Tracking Document and (evidenced) actions are a key part of students addressing gaps in their own subject knowledge, and time is given during each module for students to work on these.
8	Statistics Learn that: *foundations of statistics begin in EY with same/different/sorting *there are a variety of components of the data handling cycle – not all of which will be undertaken every time *data can be represented in different ways and these will be introduced at different stages in KS1 and KS2 (eg pictograms/bar charts/line graphs).	Learn how to: *plan for opportunities for foundational concepts of same/different/sorting in EY *plan appropriate activities in statistics, recognising the progression in representing data in the NC and specifically teaching these *plan for opportunities for statistics to be applied within the context of other curriculum areas such as science or history	Haylock, D. (2019) Mathematics explained for primary teachers /. 6th edition /. Edited by R. Manning. Los Angeles: SAGE Donaldson, G. (2014) Handling Data in Taylor, H. and Harris, A. (eds) Learning and Teaching Mathematics 0-8. London:Sage	This seminar covers the mathematical topic of statistics, including foundations of statistics (same/different and sorting), progression through EY, KS1 and KS2, key concepts, vocabulary, and misconceptions. In line with the focus of the module, students explore possible opportunities for statistics to be used in PS scenarios and in other curriculum areas such as science.

	*there is a difference between continuous and discrete data and these are represented in different ways. *that application of the data handling cycle to PS scenarios and across different curriculum areas provides a context for the teaching of statistics and helps children recognise and explore real life applications		
9	Group tutorials – Audit/target/actions – discussion and file check Students bring their audits, Target Tracking Sheets and evidence of Actions, as well as their Mathematics Files to group tutorials. Students are encouraged to share their approaches to addressing their targets, including sharing useful resources and approaches. Links are made to preparing to teach topics on placement, which are less familiar to students.		Students provide peer support regarding useful sources and approaches. Tutors are able to track engagement with the process and arrange follow up meetings where necessary. Any gaps in session notes in files can also be addressed.