



Topic and Science Overview September 2020

Year 3						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History	Mining		Stone Age to the Iron Age		Ancient Egypt	
	<p style="text-align: center;">How would you like to spend all day underground?</p> <p>Local History: taking account of a period of history that shaped the locality.- Mining</p> <p>Achievements (scientific and cultural) Technological advancements in the mines. Effect of coal on human lives.</p> <p>Housing and architecture F pit, UCPS as mining school and Beamish</p> <p>Society (politics and class) Victorian values and child labour. Population and jobs. Local significance – everything revolved around the mines.</p> <p>Food Farming and Trade Whole area based around pit life</p> <p>Weapons and warfare Mining tools</p>		<p style="text-align: center;">How much more advanced is iron than stone?</p> <p>Stone Age to the Iron Age, including: Hunter gatherers, Early farming, Bronze Age, and Iron Age</p> <p>Achievements (scientific and cultural) Ability to shape and use metals. Discovery of fire. Invention of the wheel.</p> <p>Housing and architecture Caves – living conditions Cave paintings telling stories.</p> <p>Society (politics and class) Hunter gatherers to farmers.</p> <p>Food Farming and Trade Hunter gatherers to farmers.</p> <p>Weapons and warfare Stone to metal tools.</p>		<p style="text-align: center;">Could you discover Tutankhamun's tomb?</p> <p>Achievements (scientific and cultural) Irrigation. Communication – hieroglyphs</p> <p>Housing and architecture Pyramids and tombs. Construction techniques. Valley of the Kings.</p> <p>Society (politics and class) Slaves and Pharaohs. Army only lower class. Upper class had powers and rights.</p> <p>Food Farming and Trade Irrigation. Trade within and without the Egyptian empire. Growth of empire and end.</p> <p>Entertainment Sports – especially swimming (importance of the Nile), board games, hunting, parties (jewellery and make up).</p> <p>Beliefs God like pharaohs – all powerful. Polytheistic religion</p>	
Geography	<p>Volcanoes, Earthquakes and Tsunamis - The power of the Earth</p> <ul style="list-style-type: none"> Locational knowledge – locate Worlds famous volcanoes, continent, countries, identify on a globe / atlas, Northern and Southern Hemisphere Human geography – what is it like to live near a volcano and the impact on people's lives 		<p>Mountains</p> <ul style="list-style-type: none"> Locational knowledge – locate mountain ranges in UK, Worlds highest mountains. Human geography what amenities are in the areas. Physical geography – What is the land like, what does the area look like? How can you locate mountain ranges on a map? 		<p>The Mediterranean</p> <ul style="list-style-type: none"> Locational knowledge – country, continent, countries in the Mediterranean Human geography what amenities are in the area, famous landmark, differences with the UK Physical geography – 'The Med' climate and differences with the UK 	



	<ul style="list-style-type: none"> • Physical geography – Ring of fire, how earthquakes created, label parts of a volcano. • Environmental Impact/Effect – ash cloud 	<ul style="list-style-type: none"> • Environmental Impact/Effect – tourism in an area. 	Environmental Impact/Effect – tourism			
Science	Forces and magnets	Rocks	Animals including humans		Light	Plants
PE	Games	Health & Exercise	Dance	Gymnastics	Athletics	Games
SCARF	Me and My Relationships	Valuing Differences	Keeping Myself Safe	Rights and Responsibilities	Being my Best	Growing and Changing
Friends Resilience	Friends Resilience- Meditation and relaxation/ Healthy eating/ Exercise/ Changing red thoughts to green thoughts					
RE	Christianity: What do Christians believe about Jesus? Christmas: Why is Advent important to Christians?		General enquiry: Why do religious people travel to sacred places? Easter: What do Christians remember on Palm Sunday?		Judaism – How do Jews us ceremonies and ritual to worship and express belonging?	
Music	Glockenspiel 1		Three Little Birds -Recorders		Let Your Spirit Fly -Glockenspiels	
French	Salut! Core Unit 1 Lesson 1, 2 and 3		Salut! Core Unit 1 Lesson 4, 5 and 6		Salut! Core Unit 2 Lesson 1, 2 and 3	
ICT	Creating of a multimedia presentation (topic: Mining) Can you build a shelter using the best materials? (Rocks and Soils – Virtual Experiment) What is E-Communication and how do we use it? Using ICT to design a 3D model (volcano) - CAD		Why should we use ICT when storing, sorting and presenting data? Creating a 3D model of a vehicle (CAD) Sharing tips to stay safe online (using effects for emphasis in PowerPoint). How can we use Branching Databases to store information and answer questions?		What is a variable and how do they make a difference to simulations? Can you create 2D shapes without having to draw them? (Logo Programming) Using virtual experiments and recognising the advantages and some disadvantages. Staying SMART Online (sharing tips and creation of an avatar)	
Art	Landscapes Inspired by the natural world. (including volcanoes and tsunamis) Contemporary artists and great artists from the past.		Art from other times and cultures, Cave paintings.		Exploring materials and techniques inspired by Egypt.	



DT	Structures and Mouldable Materials- Volcanoes Mechanisms- Wheels and pulleys linked to mining. Taught as part of a topic in class.	CAD – Design and creation of a 3D virtual model for a forest school vehicle. Use of Materials: Design and make a Stone Age/Iron Age Shelter – cross curricular link to History topic	Textiles- Egyptian fashion Using templates and different fabric joining techniques
-----------	--	--	---