

Science Map Year: 3

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme Links	European Countries	Ancient Greece	Stone Age	What makes the Earth angry?	Port Sunlight	Port Sunlight
Science Unit	Humans including skeletons and nutrition	Humans including skeletons and nutrition	Light, shadows- Stonehenge	Rocks- volcanoes	Forces and magnets	Forces and magnets
Opportunities for Working Scientifically	Identify that an humans, need the amount of nutricannot make the get nutrition from the light of the lig	imals, including the right types and tion, and that they eir own food; they om what they eat mans and some ave skeletons and port, protection and questions and using of scientific wer them erences, similarities ted to simple	 Recognise that they need light in order to see things and that dark is the absence of light Notice that light is reflected from surfaces Recognise that light from the sun can be dangerous and that there are ways to protect their eyes Recognise that shadows are formed when the light from a light source is blocked by an opaque object Find patterns in the way that the size of shadows change setting up simple practical enquiries, comparative and fair tests reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions 	 Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties Describe in simple terms how fossils are formed when things that have lived are trapped within rock Recognise that soils are made from rocks and organic matter gathering, recording, classifying and presenting data in a variety of ways to help in answering questions recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables identifying differences, similarities or changes related to simple scientific ideas and processes 	 Notice that some force objects, but magnetic Observe how magnets and attract some mate Compare and group to materials on the basis attracted to a magnet magnetic materials Describe magnets as hearing the predict whether 2 magnets of the predict whether 2 magnets of scientific enquiries asking relevant questic of scientific enquiries setting up simple practicand fair tests making systematic and where appropriate, tal 	gether a variety of everyday of whether they are , and identify some aving 2 poles gnets will attract or repel on which poles are facing on which poles are facing on sand using different types to answer them tical enquiries, comparative disting accurate measurements using a range of equipment, and data loggers scientific evidence to
			 using straightforward scientific evidence to answer questions or to support their findings 			
Opportunities for RWM	W- Explanation text- how does the human body work?		RW- explanation text- how do we see things?	RW- explanation text- what is under our feet?	M- graph to compare how o surfaces	bjects move on different