

Knowledge Map - Term 2


Key Stage 3

English	Maths	Science
<p>Writing Fiction: Know what makes a successful story. Know how varying sentence structure can improve writing. Know the way a writer uses interesting paragraphs, vocabulary and imagery to keep a reader interested in a story. Know how writers create exciting and engaging openings for their stories. Know how to develop ideas for a short story using a stimulus. Know how to plan effectively and write a short piece of fiction.</p>	<p>Geometry: Know how to recognise, describe and draw regular and irregular 2D shape properties. Know different types of triangles and identify if they are congruent to each other. Know different types of quadrilaterals. Know shapes that are symmetrical. Know parallel and perpendicular lines on a 2D shape. Know different angles. Know how to use a protractor to measure and draw angles. Know how to calculate unknown values of an angle. Know how to tessellate a 2D shape into a pattern. Know a 3D shape by its properties. Know how to use positional language with increasing accuracy. Know how to plot co-ordinates within quadrants. Know how to perform transformations of a shape on a grid.</p>	<p>Reactions: Know how to identify hazards in a laboratory and assess risks in order to work safely. Know what a chemical reaction is. Know how to recognise signs of a chemical reaction. Know how to make and interpret observations. Know the properties of acids and alkalis and how to identify them using indicators. Know the reactions that occur when metals are placed in an acid. know how acids react to carbonates. Know what happens during combustion reactions.</p>



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RE	Art/DT	Music	Geography
<p>RE</p> <p>Religion, belief, and creativity: Know the differences between beliefs and facts. Know different methods of communication people use to express their knowledge and beliefs. Know why beliefs can change and impact your life. Know how people understand the value of creativity and spirituality. Know how art and religion are linked. Know how religious themes are expressed through art.</p>	<p>Art/DT</p> <p>Free standing structures: Know what the tallest structures are in the world. Know what the longest structures are in the world. Know the main features of the tallest and longest structures in the world. Know how to strengthen, stiffen and reinforce more complex structures and why this is important. Know how to apply learnt knowledge when making a variety of free-standing structures.</p>	<p>Music</p> <p>Improvise and compose: Know how to listen and reflect different pieces of music. Know how to create their own piece of music using instruments and voice. Know how to perform as an ensemble. Know musical language appropriate to the task.</p>	<p>Geography</p> <p>Natural hazards: Know a range of Natural hazards. Know the structure of the Earth. Know the formation and impact of tectonic hazards. Know how earthquakes and volcanoes are formed at plate boundaries. Know how Tornadoes are formed and their detrimental impact. Know the causes of a Tsunami and ways people can prepare for them and also respond.</p>
<p>PSHE</p> <p>Know what a community is. Know about ways to contribute to the community. Know the benefits of contributing to the community. Know how to contribute to the community.</p>	<p>Relationship Sex Education</p> <p>My body: Know what puberty is. Know the impact hormones have on the body. Know what the menstrual cycle and fertility is. Know the impact the media can have on body image both in a positive and negative way.</p>	<p>Computing</p> <p>Internet Research and Webpage Design: Know the features and layout of a webpage. Know how to use a precise command on a search engine. Know how to create a webpage layout. Know how to add text to a webpage. Know how to add images to a webpage.</p>	



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		<p>Know how to use of authority and bias on a webpage.</p> <p>Know how to add hyperlinks into a webpage.</p> <p>Know how to publish and share a webpage.</p>	
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