



Knowledge Map - Term 2

Key Stage 3

<p style="text-align: center;">English</p> <p>Writing nonfiction: Know how to identify features for writing to inform Know how to comment on language used and understand its intended audience Know how to write a CV, newspaper article, invitation and a formal/informal letter</p>	<p style="text-align: center;">Maths</p> <p>Geometry: Know regular and irregular 2D shapes, know types of triangle and identify if they are congruent, know name quadrilaterals, know symmetry, know parallel and perpendicular lines, know how to measure and calculate angles, know tessellation, know 3D shapes, know co-ordinates, know transformations</p>	<p style="text-align: center;">Science</p> <p>Earth: Know the layers of the Earth and how to compare them Know how the deposited sediments are turned into rocks and how fossils are formed Know the properties and formation of igneous rocks and how metamorphic rocks are formed know how rocks are recycled Know how to relate observations of changing day length to a model of the solar system</p>	
<p style="text-align: center;">RE</p> <p>Community, worship and celebration - relating to main religions: Know what kind of different Christian experiences there are including Christian denominations Know why some Hindus choose to pursue the path of renunciation and the practical implications</p>	<p style="text-align: center;">Art/DT</p> <p>Drawing: Know drawing techniques and how to apply them Know how to shade and crosshatch Know how to apply skills to complete a picture in colour crosshatch Pupils know how to apply skills to draw a face</p>	<p style="text-align: center;">Music</p> <p>Orchestral instruments, time signatures, theme & development: Know a range of orchestral instruments Know what a time signature is Know and understand musical themes Know how to develop a music track</p>	<p style="text-align: center;">Geography</p> <p>Locational and place knowledge: Know and label the continents and oceans Know OS symbols used on a map Know types of environmental regions Know types of desert biomes Know similarities and differences</p>
<p style="text-align: center;">PSHE</p> <p>Discrimination, prejudice and challenges: Know what prejudice and discrimination means Know that stereotypes can affect the way we treat people</p>	<p style="text-align: center;">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</p>	<p style="text-align: center;">Computing</p> <p>Office skills: Know different icons used on Microsoft Office Know the importance of word processing Know how to format the text and layout</p>	<p style="text-align: center;">MFL</p> <p>Know numbers 200 - 300 Know how to talk about what is important to their daily routine</p>



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Know types of discrimination that people face Know approaches to prejudice and discrimination in different faiths	Know the impact the media can have on body image both in a positive and negative way	Know how to use slide layouts and bulleted text on Microsoft PowerPoint	
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Photography

Light:

- Know how we can use body positioning to get better photographs
- Know how we can use light to influence the outcome of our photographs
- Know how to set up and use a tripod safely
- Know how to use M (manual) mode on a digital camera
- Know how to set up and take a light-based photograph