

Curriculum Planning Grid Y6 (updated December 2020)

	Science	CCL	Discrete Units	Computing	Music	P.E	R.E	RESPECT
Aut 1	<p><b>Living things &amp; Evolution and Inheritance:</b></p> <ul style="list-style-type: none"> <li>- Study of historical ways of classifying animals (Aristotle, Linnaeus, Harding-Whittaker)</li> <li>- Study of different types of micro-organism.</li> <li>- Study and organization of human life cycle with comparison to other types of animal.</li> <li>- In depth study of Green Turtle's life cycle.</li> <li>- Study of features that help a range of animals survive in their environment.</li> <li>- Study of fossilization.</li> <li>- Study of Charles Darwin</li> </ul>	<p><b>Vacation (Geography)</b></p> <ul style="list-style-type: none"> <li>- Identification of key features of North/South America, Europe – particularly countries and capitals.</li> <li>- Continents and the composition of biomes/ecological zones within these including deserts and rainforests, linking to the position of the continent relative to the Equator and Tropics of Cancer and Capricorn.</li> <li>- Identification of key landmarks, counties and cities in UK using maps and a more in-depth</li> </ul>		<p><b>E-safety/ Computer Awareness</b></p> <ul style="list-style-type: none"> <li>- Chn will learn how to use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</li> </ul>	<p><b>Charanga:</b></p> <ul style="list-style-type: none"> <li>- Study of the Motown hit 'Dancing in the Street' including its brief history.</li> <li>- Chn will listen to the piece and appraise, talking through their opinions on the music, compare to other pieces of music they have listened to and identify which musical instruments can be heard.</li> <li>- Chn will learn to clap beats and rhythms</li> <li>- Chn will learn key facts about Benjamin Britten and listen to some of his compositions.</li> </ul>	<p><b>Netball:</b></p> <ul style="list-style-type: none"> <li>- Use of drills and games to introduce children to a range of different types of passing and an ability to catch without incurring 'footwork' fouls.</li> <li>- Introduction of strategies regarding escaping defenders and the necessity of this in many sports including netball.</li> <li>- Introduction to shooting techniques involved in netball.</li> </ul>	<p><b>How do Sikhs show commitment?</b></p> <ul style="list-style-type: none"> <li>- Discussion of values and why they are important</li> <li>- Study of how Sikhs show commitment to their faith through religious practice, teachings and rites of passage.</li> <li>- Develop a statement of their own beliefs using the Mool Mantar as an example.</li> </ul>	<p><b>Families and people who care for me</b></p> <p>Children will learn that all families are different, that marriage represents a legal commitment and how to recognize if family relationships are making them feel unhappy.</p> <p><b>Respectful Relationships</b></p> <p>Children will learn practical steps to help improve and support family relationship, about different types of bullying and the importance of permission-seeking.</p>

	<p>and his contribution to science.</p> <ul style="list-style-type: none"> <li>- Study of classification of plants and different features that help plants survive.</li> <li>- Prediction of future adaptations of humans to prove understanding of concepts.</li> </ul>	<p>study of the local area of Brighthouse using a range of maps (including OS with study of symbols).</p> <ul style="list-style-type: none"> <li>- Learn how to use four and six figure grid references and apply to OS maps.</li> </ul>	<p><b>Buildings of Europe (Art)</b></p> <ul style="list-style-type: none"> <li>-Chn will learn to understand and critically analyse artists' work.</li> <li>- How to sketch in the style of Stephanie Calvet</li> <li>- Learn, investigate and use George Seurat's technique of pointillism</li> <li>Use oil pastels to recreate a Van Gogh picture</li> <li>- Develop an understanding of using different artist's techniques based on the theme: 'Buildings of Europe'</li> </ul>				<ul style="list-style-type: none"> <li>- Study of what symbols are important to Sikhs and how these symbols show commitment.</li> </ul>	
Aut 2				<p><b>Word processing Skills:</b></p> <ul style="list-style-type: none"> <li>- Chn will recap word processing skills such as: changing the colour, size and font of a text; print documents and insert an image/word art.</li> <li>- <b>Landmarks presentation:</b> Chn use PowerPoint to create an interactive presentation on the key human and physical features of their chosen country (Germany or France), making independent</li> </ul>		<p><b>Football:</b></p> <ul style="list-style-type: none"> <li>- Use drills and short activities to help children understand how to pass and control the ball with increasing levels of skill</li> <li>- Use drills and short activities to help children understand how to dribble the ball with increasing levels of skill</li> <li>- Introduction to shooting techniques and the difference between this and passing techniques.</li> </ul>	<ul style="list-style-type: none"> <li>- Learn about what difference to daily life do Sikh beliefs and teaching make.</li> <li>- Study on how Sikhs show commitment by putting faith into action.</li> </ul>	<p><b>Online Relationships</b></p> <p>Children will learn that the same principles apply to online relationships as they do to face-to-face relationships and the rules of keeping safe online.</p> <p><b>Being Safe</b></p> <p>Children will learn how to report feelings of being unsafe, learn how to ask for advice, learn where to report concerns and where to receive advice.</p>

				<p><i>choices about the media platform and needs of the audience.</i></p> <ul style="list-style-type: none"> <li>- <i>Chn use music software to create and edit music, including multi-tracking to coincide with their presentation</i></li> </ul>				
Sp r 1	<p><b>Living things &amp; Evolution and Inheritance:</b></p> <ul style="list-style-type: none"> <li>- <i>recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</i></li> </ul> <p><b>Electricity:</b></p> <ul style="list-style-type: none"> <li>- <i>Study of electrical</i></li> </ul>	<p><b>Local History (History)</b></p> <ul style="list-style-type: none"> <li>- <i>Study of differences between before Industrial Revolution and end of Victorian period.</i></li> <li>- <i>Study different inventors and the importance of their inventions.</i></li> <li>- <i>Study how the IR changed the local area with a study</i></li> </ul>	<p><b>Weaving (DT)</b></p> <ul style="list-style-type: none"> <li>- <i>Understand different processes used to make clothing (sheering, cleaning, carding, combining and removing knots).</i></li> <li>- <i>Children to create a loom using their design criteria.</i></li> <li>- <i>Children to label key features and weaving techniques used in their</i></li> </ul>	<p><b>Landmarks presentation cont.</b></p> <ul style="list-style-type: none"> <li>- <i>Chn use a Powerpoint to create an interactive presentation on the key human and physical features of their chosen country (Germany or France), making independent choices about the media platform and needs</i></li> </ul>	<p><b>Composer of the Year</b></p> <ul style="list-style-type: none"> <li>- <i>Chn will learn key facts about Benjamin Britten and listen to some of his compositions.</i></li> </ul>	<p><b>Gymnastics:</b></p> <p><i>At the local gymnasium, chn will learn to:</i></p> <ul style="list-style-type: none"> <li>- <i>Control movement and techniques.</i></li> <li>- <i>Repeat a given sequence with control and timing.</i></li> <li>- <i>Create a sequence of linked moves which are in time with others.</i></li> <li>- <i>Make extended</i></li> </ul>	<p><b>How do Jews remember Kings and Prophets?</b></p> <ul style="list-style-type: none"> <li>- <i>Learn why and how Shabbat is celebrated in Judaism.</i></li> <li>- <i>Study why King David is viewed as a key figure in Jewish history.</i></li> <li>- <i>Read and</i></li> </ul>	

	<p><i>circuits and symbols of key components</i></p> <ul style="list-style-type: none"> <li>- Study of circuit diagrams and how these are created.</li> <li>- Learn to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</li> <li>- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.</li> </ul>	<p><i>of local geography (namely Brighthouse).</i></p> <ul style="list-style-type: none"> <li>- Debate to introduce Luddites and their reasons for rebellion.</li> <li>- Study of life in a mill, looking at both Mill Owner's viewpoint and that of child at work.</li> <li>- Study the geography of the Luddite rebellion.</li> <li>- Study of Luddite sources, comparison and rating in terms of reliability.</li> </ul>	<p>design.</p> <p><b>Gears:</b></p> <ul style="list-style-type: none"> <li>- Understand, label and define 'gear trains', 'gearing up' and 'gearing down'</li> <li>- Select and join components and gears to create a mechanical model</li> <li>- Follow instructions independently to create a mechanical model</li> <li>- Select and join components to create a mechanical model.</li> </ul>	<p><i>of the audience</i></p> <ul style="list-style-type: none"> <li>- Children use music software to create and edit music, including multi-tracking to coincide with their presentation</li> </ul>		<p><i>sequences.</i></p> <p><b>Skipping:</b></p> <ul style="list-style-type: none"> <li>- Children will learn a new skill using both individual and group skipping ropes.</li> <li>- They will learn different techniques to skip over the rope as well as improve their fitness, strength and dexterity whilst skipping.</li> </ul>	<p><i>decipher the meaning of some Psalms which are important to the Jewish faith.</i></p> <ul style="list-style-type: none"> <li>- Investigate what a prophet is and how people follow their messages.</li> <li>- Research the story of Jonah and the Whale and its message</li> <li>- Learn the story of Esther.</li> <li>- Learn how the festival of Purim is celebrated.</li> <li>- Learn how the Ten</li> </ul>	
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Sp r 2	<p><b>Human Body:</b></p> <ul style="list-style-type: none"> <li>- <i>Study and revision of major organs and particularly the function of the heart in circulation.</i></li> <li>- <i>Study of the blood,</i></li> </ul>		<p><b>Geography (Ik2.3)</b></p> <p><i>Lakeside provides children with the opportunity to explore and orienteer themselves using maps</i></p>	<p><b>Bloggng:</b></p> <p><i>Within this unit, chn will learn to:</i></p> <ul style="list-style-type: none"> <li>- <i>Identify the purpose of writing a blog.</i></li> <li>- <i>Identify and use the key features needed to</i></li> </ul>		<p><b>Dance: Haka:</b></p> <ul style="list-style-type: none"> <li>- <i>Study of existing haka and practice moves.</i></li> <li>- <i>Create own moves based on key principles of controlled</i></li> </ul>	<p><b>What do Christians believe about Jesus' death &amp; resurrection ?</b></p> <ul style="list-style-type: none"> <li>- <i>Research what the gospels</i></li> </ul>	

	<p>particularly the different components of blood (red and white blood cells, platelets, plasma)</p> <ul style="list-style-type: none"> <li>- Experiment into the impact exercise has on pulse.</li> <li>- Study into the importance of diet on the body and major organs.</li> <li>- Study of the digestive system.</li> <li>- Study of smoking, drugs and alcohol and how these affect the body accompanied by creation of leaflets and posters.</li> </ul>		<p>and other key features of the landscape. Here they participate in extensive field-work activities.</p>	<p>create a successful blog.</p> <ul style="list-style-type: none"> <li>- How to create and write a blog.</li> <li>- Consider the effect upon the audience of changing the visual properties of a blog.</li> <li>- Understand how to contribute to an existing blog.</li> <li>- Understand how and why posts are approved by the teacher.</li> <li>- Peer-assess other blogs against the success criteria.</li> </ul>		<p>fierceness and unity.</p> <ul style="list-style-type: none"> <li>- Create own haka using mixture of moves from previous haka and personal haka moves.</li> </ul>	<p>say about Jesus' last days and death.</p> <ul style="list-style-type: none"> <li>- Learn the significance of Palm Sunday.</li> <li>- Explore the events surrounding the Last Supper and link these to Christian traditions.</li> <li>- Explore the significance of the crucifixion and why it remains important to Christians today.</li> <li>- Learn the meaning of sacrifice and how this relates to</li> </ul>	
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							<p><i>Jesus' death.</i></p> <ul style="list-style-type: none"><li>- <i>Learn how Christians come to believe in the resurrection, looking at evidence</i></li><li>. - <i>Learn how Christians celebrate the Holy Week.</i></li></ul>	
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<p>Su m 1</p>		<p><b>Ancient Civilizations (History)</b></p> <ul style="list-style-type: none"> <li>- Study of source to gather basic information regarding the Shang Dynasty.</li> <li>- Location of Shang Dynasty geographically and surrounding features of note and discussion of key moments in its history.</li> <li>- Use of secondary sources to uncover information about daily Shang life.</li> <li>- Study into 'Dragon bones' of recent Chinese medicine and Shang mystical beliefs.</li> <li>- Study of Shang burial customs and what these tell us about</li> </ul>	<p><b>Maquettes:</b></p> <ul style="list-style-type: none"> <li>- Creation of design criteria by studying other trophies and their features.</li> <li>- Comprehensive planning of maquette with 'thumb-nail' plans, exploded diagram and 'market research' to inform design choices.</li> <li>- Children study health and safety concerns and make maquettes using wood, wire mesh, Modroc, saws, drills.</li> <li>- Evaluation of final product once complete and decorated.</li> </ul>	<p><b>Y5/6 Concert singing</b></p>	<p><b>Rounders:</b></p> <ul style="list-style-type: none"> <li>- Study of key skills of throwing, catching and batting in rounders.</li> <li>- Practice of key skills in amongst copious games.</li> </ul>	<p><b>How does growing up bring responsibilities and commitments?</b></p> <ul style="list-style-type: none"> <li>- Learn the rights and responsibilities that come with being a child and an adult.</li> <li>- Learn what rites of passage mark transition to adulthood.</li> <li>- Study why rites of passage are important to many religious believers</li> <li>- Learn the rites of passage ceremonies for:</li> </ul>	
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Sum 2	<b>Light:</b> <ul style="list-style-type: none"><li>- Study into light and how it travels in straight lines and how shadows are therefore formed.</li><li>- Investigation into shadows and the effect of distance on the shadow.</li><li>- Study of the eye and how we see accompanied by labelling of components of eye.</li></ul>		<b>Be Healthy</b> DT (FT)	<b>Lego</b> <b>Mindstorms</b>		Athletics	
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