

Curriculum Planning Grid Y6 (updated February 2020)

	Science	CCL	Discrete Units	Computing	Music	P.E	R.E
Aut 1	<p>Living things & Evolution and Inheritance:</p> <ul style="list-style-type: none"> - Study of historical ways of classifying animals (Aristotle, Linnaeus, Harding-Whittaker) - Study of different types of micro-organism. - Study and organization of human life cycle with comparison to other types of animal. - In depth study of Green Turtle's life cycle. - Study of features that help a range of animals survive in their environment. - Study of fossilization. - Study of Charles Darwin and his contribution to science. - Study of 	<p>Vacation (Geography)</p> <ul style="list-style-type: none"> - Identification of key features of North/South America, Europe – particularly countries and capitals. - 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. - Identification of key landmarks, counties and cities in UK using maps and a more in-depth study of the local area of Brighthouse using a range of maps (including OS with study of symbols). - Learn how to use four and six figure grid references and apply to OS maps. 	<p>In the News (Art)</p> <ul style="list-style-type: none"> -Chn will learn how to use CFPM (Content, Form, Process and Mood) to understand and critically analyse artists' work. - Learn, investigate and use George Seurat's technique of pointillism. - Develop an understanding of using different tones and shading techniques to build a complete picture. - Understand developing meaning in their artwork by creating collages of inspirational people using the framework of CFPM. 	<p>E-safety/ Computer Awareness</p> <ul style="list-style-type: none"> - 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. 	<p>Charanga:</p> <ul style="list-style-type: none"> - Study of the Motown hit 'Dancing in the Street' including its brief history. - Chn sing song – building up component parts as children become gradually confident with separate parts of the song and unfamiliar rhythms of the Motown style. - Introduction of musical instruments and the playing of two notes in increasingly difficult call and response activities. - Chn eventually compose their own 	<p>Netball:</p> <ul style="list-style-type: none"> - 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. - Introduction of strategies regarding escaping defenders and the necessity of this in many sports including netball. - Introduction to shooting techniques involved in netball. - Playing of netball game and introduction to rules about areas 	<p>How do Sikhs show commitment?</p> <ul style="list-style-type: none"> - Discussion of values and why they are important. - Study of how Sikhs show commitment to their faith through religious practice, teachings and rites of passage. - Develop a statement of their own beliefs using the Mool Mantar as an example. - Study of what symbols are important to Sikhs and how these symbols show commitment. - Learn about what difference to daily life do Sikh beliefs and teaching

	<p><i>classification of plants and different features that help plants survive.</i></p> <ul style="list-style-type: none"> - Prediction of future adaptations of humans to prove understanding of concepts. 		<p><i>-Record observations and use them to review and revisit ideas.</i></p>		<p><i>pieces using a few notes and begin to develop improvisation skills.</i></p>	<p><i>that children can stay inside in certain positions.</i></p>	<p><i>make.</i></p> <ul style="list-style-type: none"> - Study on how Sikhs show commitment by putting faith into action.
<p>Aut 2</p>				<p>Word processing Skills:</p> <ul style="list-style-type: none"> - 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. - Landmarks presentation: Chn use 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 		<p>Football:</p> <ul style="list-style-type: none"> - Use drills and short activities to help children understand how to pass and control the ball with increasing levels of skill - Use drills and short activities to help children understand how to dribble the ball with increasing levels of skill - Introduction to shooting techniques and the difference between this and passing techniques. 	<p>How do Jews remember Kings and Prophets?</p> <ul style="list-style-type: none"> - Learn why and how Shabbat is celebrated in Judaism. - Study why King David is viewed as a key figure in Jewish history. - Read and decipher the meaning of some Psalms which are important to the Jewish faith. - Investigate what a prophet is and how people follow their messages. - Research the story of Jonah and the Whale and its message.

				<p><i>needs of the audience.</i></p> <ul style="list-style-type: none"> - <i>Chn use music software to create and edit music, including multi-tracking to coincide with their presentation.</i> 			
Spr 1	<p>Living things & Evolution and Inheritance:</p> <ul style="list-style-type: none"> - <i>recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</i> <p>Electricity:</p> <ul style="list-style-type: none"> - <i>Study of electrical circuits and symbols of key components.</i> - <i>Study of circuit diagrams and how these are created.</i> - <i>Learn to associate the</i> 	<p>Local History (History)</p> <ul style="list-style-type: none"> - <i>Study of differences between before Industrial Revolution and end of Victorian period.</i> - <i>Study different inventors and the importance of their inventions.</i> - <i>Study how the IR changed the local area with a study of local geography (namely Brighthouse).</i> - <i>Debate to introduce Luddites and their reasons for rebellion.</i> - <i>Study of life in a mill, looking at both Mill Owner's viewpoint and that of child at work.</i> - <i>Study the geography of the Luddite rebellion.</i> 	<p>Enterprise topic:</p> <ul style="list-style-type: none"> - <i>Chn will use a variety of design and technology skills to create fabric-covered hardback books.</i> - <i>Chn will use a wide range of tools and equipment to perform practical tasks throughout the topic, such as: measuring and cutting cardboard and fabric, gluing and following paper.</i> 	<p>Landmarks presentation cont.</p> <ul style="list-style-type: none"> - <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 of the audience</i> - <i>Chn use music software to create and edit music, including multi-tracking to coincide with their</i> 	<p>Charanga:</p> <ul style="list-style-type: none"> - <i>Study of the hit song 'Happy'.</i> - <i>Chn sing song – building up component parts as children become gradually confident with separate parts of the song. Add separate parts into the song and choose higher ability chn to layer a second melody so the chn are singing in parts.</i> - <i>Introduction of musical instruments and the</i> 	<p>Gymnastics:</p> <p><i>At the local gymnasium, chn will learn to:</i></p> <ul style="list-style-type: none"> - <i>Control movement and techniques.</i> - <i>Repeat a given sequence with control and timing.</i> - <i>Create a sequence of linked moves which are in time with others.</i> - <i>Make extended sequences within a group.</i> 	<p>How do Jews remember Kings and Prophets?</p> <ul style="list-style-type: none"> - <i>Learn the story of Esther.</i> - <i>Learn how the festival of Purim is celebrated.</i> - <i>Learn how the Ten Commandments affect people's lives today.</i> - <i>Study the festival of Hannukah and why it is important to the Jewish community.</i> - <i>Learn how Jews contribute to the world today.</i>

	<p><i>brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</i></p> <ul style="list-style-type: none"> - 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. 	<ul style="list-style-type: none"> - Study of Luddite sources, comparison and rating in terms of reliability. - Local visit to the Piece Hall in Halifax and the Industrial Museum. 		<p><i>presentation.</i></p>	<p><i>playing of two notes in increasingly difficult call and response activities.</i></p> <ul style="list-style-type: none"> - Chn eventually compose their own pieces using a few notes and build on developing improvisation skills. 	<p>Team Building: <i>During a range of team building activities, chn will learn to:</i></p> <ul style="list-style-type: none"> - Value the art of teamwork - Practise leadership skills - Improve listening to others and develop an understand of differing viewpoints. 	
Spr 2	<p>Human Body:</p> <ul style="list-style-type: none"> - Study and revision of major organs and particularly the function of the heart in circulation. - Study of the blood, particularly the different components of blood (red and white blood cells, platelets, plasma) - Experiment 		<p>Gears:</p> <ul style="list-style-type: none"> - Study of follower and driver gears and how teeth inform speed and effort needed in turn. - Design of child's toy using gears and accompanying instructions. - Chn will evaluate the products 	<p>Bloggng: <i>Within this unit, chn will learn to:</i></p> <ul style="list-style-type: none"> - Identify the purpose of writing a blog. - Identify and use the key features needed to create a successful blog. - How to create and write a blog. - Consider the effect upon the audience of changing the 		<p>Dance: Haka:</p> <ul style="list-style-type: none"> - Study of existing haka and practice moves. - Create own moves based on key principles of controlled fierceness and unity. - Create own haka using mixture of moves from previous haka and 	<p>What do Christians believe about Jesus' death & resurrection?</p> <ul style="list-style-type: none"> - Research what the gospels say about Jesus' last days and death. - Learn the significance of Palm Sunday. - Explore the events surrounding the Last Supper and link these to

	<p><i>into the impact exercise has on pulse.</i></p> <ul style="list-style-type: none"> - <i>Study into the importance of diet on the body and major organs.</i> - <i>Study of the digestive system.</i> - <i>Study of smoking, drugs and alcohol and how these affect the body accompanied by creation of leaflets and posters.</i> 		<p><i>and the making process.</i></p> <p>Geography (Ik2.3) <i>Lakeside provides children with the opportunity to explore and orienteer themselves using maps and other key features of the landscape. Here they participate in extensive field-work activities.</i></p>	<p><i>visual properties of a blog.</i></p> <ul style="list-style-type: none"> - <i>Understand how to contribute to an existing blog.</i> - <i>Understand how and why posts are approved by the teacher.</i> - <i>Peer-assess other blogs against the success criteria.</i> 		<p>personal haka moves.</p>	<p><i>Christian traditions.</i></p> <ul style="list-style-type: none"> - <i>Explore the significance of the crucifixion and why it remains important to Christians today.</i> - <i>Learn the meaning of sacrifice and how this relates to Jesus' death.</i> - <i>Learn how Christians come to believe in the resurrection, looking at evidence.</i> - <i>Learn how Christians celebrate the Holy Week.</i>
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<p>Sum 1</p>		<p>Ancient Civilizations (History)</p> <ul style="list-style-type: none"> - Study of source to gather basic information regarding the Shang Dynasty. - Location of Shang Dynasty geographically and surrounding features of note and discussion of key moments in its history. - Use of secondary sources to uncover information about daily Shang life. - Study into 'Dragon bones' of recent Chinese medicine and Shang mystical beliefs. - Study of Shang burial customs and what these tell us about a key Shang figure (Fu Hao) 	<p>Maquettes:</p> <ul style="list-style-type: none"> - Creation of design criteria by studying other trophies and their features. - Comprehensive planning of maquette with 'thumb-nail' plans, exploded diagram and 'market research' to inform design choices. - Children study health and safety concerns and make maquettes using wood, wire mesh, Modroc, saws, drills. - Evaluation of final product once complete and decorated. 		<p>Y5/6 Concert singing</p>	<p>Rounders:</p> <ul style="list-style-type: none"> - Study of key skills of throwing, catching and batting in rounders. - Practice of key skills in amongst copious games. 	<p>How does growing up bring responsibilities and commitments?</p> <ul style="list-style-type: none"> - Learn the rights and responsibilities that come with being a child and an adult. - Learn what rites of passage mark transition to adulthood. - Study why rites of passage are important to many religious believers. - Learn the rites of passage ceremonies for: Judaism, Sikhism and Christianity. - Learn the meaning of a promise; which promises are made within the different rites of passage ceremonies and what happens when promises are broken.
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<p>Sum 2</p>	<p>Light:</p> <ul style="list-style-type: none"> - <i>Study into light and how it travels in straight lines and how shadows are therefore formed.</i> - <i>Investigation into shadows and the effect of distance on the shadow.</i> - <i>Study of the eye and how we see accompanied by labelling of components of eye.</i> 		<p>Be Healthy DT (FT)</p>	<p>Lego Mindstorms</p>		<p>Athletics</p>	
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