

# Highfield Primary School

## Curriculum Planning:

Topics & mapping  
2019-20

### Topics:

**Autumn** – The Circle of Life

**Spring** – Secret Spaces and Curious Collections

**Summer** – Bright Lights, Big City

Year: 5

### 2019-20

2019-20						
Autumn term The Circle of Life			Spring term Secret Spaces and Curious Collections		Summer term Bright Lights, Big City	
	1	2	1	2	1	2
Core Text	Macbeth	There's a Boy in the Girl's Bathroom Mutual Respect and Tolerance	The Highwayman Streetchild Mutual Respect and Tolerance	Hacker The Rule of Law	The Adventures of Odysseus Democracy	Floodland STEM Design boats using scientific knowledge of materials and their properties as well as knowledge of forces including up thrust. The Rule of Law
Science	<b>All living things &amp; their habitats</b> Describe differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.	<b>Animals including humans</b> Describe the changes as humans develop to old age.	<b>Forces/Magnetism</b> Gravity Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. <i>Gallileo/Newton.</i>	<b>Earth and Space</b> <b>Gaia</b> Movement of the Earth, and other planets, relative to the Sun in the solar system Movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	<b>Properties &amp; Changes of Materials</b> Compare and group together everyday materials Know that some materials will dissolve in liquid to form a solution; describe how to recover a substance from a solution Decide how mixtures might be separated, including through filtering, sieving and evaporating Uses of everyday materials, including metals, wood and plastic	<b>Properties &amp; Changes of Materials</b> Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

History/Geography	H The Viking & Anglo-Saxon struggle for England  Viking raids and invasion. Resistance by Alfred the Great and Athelstan, first king of England.	H The Viking & Anglo-Saxon struggle for England  Further Viking invasions and Danegeld. Anglo-Saxon laws and justice. Edward the Confessor and his death in 1066.	G North & South America study, Human and Physical features of a region – economic activity and trade links, distribution of natural resources Biomes and Vegetation Belts Position & significance of longitude, latitude, equator, hemispheres, tropics, Arctic & Antarctic. Use maps, atlases, digital images etc	G North & South America study, Human and Physical features of a region – economic activity and trade links, distribution of natural resources Biomes and Vegetation Belts Position & significance of longitude, latitude, equator, hemispheres, tropics, Arctic & Antarctic	H Develop chronological understanding: timelines Draw a timeline with different time periods outlined showing different information (eg periods of history, when famous people lived etc) Ancient Greece – life, achievements, influence, including the legacy of Greek culture on later periods in British History (BV including democracy) Archaeology – create an archaeological dig/explore the profession	Ancient Greece – life, achievements, influence, including the legacy of Greek culture on later periods in British History (BV including democracy)  Greek Day
RE	What does Community Mean to Muslims? How does learning about the Mosque help us to understand community?	<b>Visit a place of worship -</b> How does the Mosque reflect Muslim beliefs?  BV – Tolerance and acceptance of the beliefs of others. Comparing faiths.	What were the teachings of the Buddha and How do they link to Buddhist Aid Agencies?	What Do Jewish People reflect on During Pesach?	How Do Christian Values Influence Global Christian Organisations? What links can be made to other faith based Aid Agencies?	How Do Sikhs Demonstrate Their Belonging to a Community?  <b>Visit a place of worship-</b> How does the Gurdwara reflect Sikh beliefs?  BV – Tolerance and acceptance of the beliefs of others. Comparing faiths.

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Art & Design	Macbeth – use shading to create mood & feeling. Organise line, tone, shape and colour to represent figures & forms in movement. Express emotion in art		Artists: Seurat, complementary colours, pointillism. Identify and draw objects and use marks and lines to produce texture		Artist: Grayson Perry ‘Leave’, ‘Remain’ vases. What will your vase represent?

D & T		Artist: Hundertwasser Architecture/civic planning in harmony with nature. Evaluate impact of design & technology on daily life & wider world. Design and make a model of an eco-friendly building		Cooking & Nutrition: Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. £2 challenge – design and make a healthy family meal for £2.		Sculpting –Greek Pots/vases – make a prototype, strengthen, stiffen & reinforce. Evaluate appearance & function against specific design criteria.
PE	<b>Swimming</b> <b>Tennis</b>	<b>Swimming</b> <b>Dance</b>	<b>Swimming</b> <i>set targets/improve performance</i> <b>Gym</b> <i>Bridges</i>	<b>Invasion games</b> <i>Shooting and keeping</i> BV – The rule of law – ‘Rules of the game’ Net/wall games Football/Hockey	<b>Striking and fielding</b> <i>To know roles of bowler, keeper, batter, fielder</i> Cricket/Rounders <b>Athletics</b>	<b>Invasion games</b> <i>Support play and formations</i> Netball/Rugby <i>Climbing wall</i> <b>Athletics</b>
ICT/Computing	<b>Understand and use internet, search technologies and select software safely</b> E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities	<b>Programming/Debugging</b> <u>E-safety</u> : Using the internet safely. How do you report inappropriate images? <u>Programming focus</u> : Use sequence, selection & repetition in programs: Explore geometric and Islamic art <u>Program</u> : Scratch Cross Curricular: Art Working with Computing lead	<b>Programming/Debugging</b> <u>E-safety</u> : Sharing images and information <u>STEM</u> : What can web pages be used for? <u>Focus</u> : Creating and editing simple html page Cross curricular links PHSE: Morality of Picture copyright? <u>E-safety</u> (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities		<b>Graphing and data</b> <u>E-safety</u> : Data protection. How safe are you? What happens when you take an online survey? What happens when you are contacted by someone you don’t know? <u>Focus</u> : data entry and presenting data <u>Program</u> : Purple mash <u>Cross Curricular</u> : Science/Maths  E-safety (thinkuknow.com)	<b>Understand Computer Networks:</b> <u>E-safety</u> : Problems with uploading home videos to the internet. PHSE: Acceptable behaviour/ cyberbullying <u>Focus</u> : Communication & Collaboration Sharing experiences & opinions; Blogging <u>Program</u> : J2 bloggy/ Purple Mash
Music	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression	Improvise and compose music for a range of purposes using the inter-related dimensions of music	Listen with attention to detail and recall sounds with increasing aural memory	Use and understand staff and other musical notations	Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians	Develop an understanding of the history of music.
MFL	On y va (All aboard) c.f. Le Metro	Colours Face descriptions	L'argent de poche (Pocket money)	In the classroom	Raconte-moi une histoire! (Tell me a story!)	The weather Where I live Celebrations – Bastille Day
PSHE	Internet & e-safety Be Proud of Who You Are Week Welcoming & belonging Teamwork Giving praise and positive feedback Raising concerns and helping friends in need	BV – Individual Liberties. Rights and responsibilities Talking about puberty Male and female changes Puberty and hygiene Body image and the media Positive physical and emotional health	Review e-safety Forgiveness and friendships Understanding embarrassment Consequences of teasing and bullying Importance of anger management	Legal and illegal drugs (including tobacco and alcohol) Attitudes to drugs Peer Pressure Healthy lifestyle choices: judging risk	Review e-safety Schools abroad Different communities Democracy, government and politics Campaigns and media influence	Celebrating Differences & Tackling Homophobia Foreign currency What influences spending? Saving money Changing schools

Enrichment opportunities	Shakespeare Workshop	Mosque Millfield Theatre		Science Museum – Space Day	History Day – Ancient Greece	Gurdwara
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