

# Highfield Primary School

## Curriculum Planning:

Topics & mapping  
2020-21

### Topics:

**Autumn** – A Kaleidoscope of Colours

**Spring** – Windows and Doors

**Summer** – Marvellous Movies

British Values

Year: 5

### 2020-21

2020-21						
Autumn term A Kaleidoscope of Colours			Spring term Windows and Doors		Summer term Marvellous Movies	
	1	2	1	2	1	2
Core Text	There's a Boy in the Girl's Bathroom Mutual Respect and Tolerance	Romeo and Juliet	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	<p><b>H The Viking &amp; Anglo-Saxon struggle for England</b>  Viking raids and invasion. Resistance by Alfred the Great and Athelstan, first king of England.  Viking navigation &amp; Scandinavian settlements. Further Viking invasions and Danegeld.  Anglo-Saxon laws and justice. Edward the Confessor and his death in 1066.</p> <p>Viking-era slavery  The Trans-Atlantic slave trade &amp; abolition, Ignatius Sancho, Olaudah Equiano.</p>	<p><b>G Oceans</b>  <u>Locational knowledge:</u>  Position &amp; significance of longitude, latitude, equator, hemispheres, tropics, Arctic &amp; Antarctic. The Prime/Greenwich Meridian &amp; time zones. Use maps, atlases, digital images etc</p> <p><u>Oceans &amp; seas:</u>  Review &amp; extend knowledge of the 5 oceans.  Oceans &amp; global climate, trade, transport, food, tourism, climate change. Marine biomes.</p>	<p><b>G North &amp; South America study</b>  Population distribution (across world, then focus on N&amp;S America). Megacities. Urban-rural migration. Favelas &amp; stereotypes.  Human and Physical features of a region – economic activity and trade links, distribution of natural resources  Farming, air trade and globalisation – coffee, chocolate etc</p>	<p><b>G North &amp; South America study</b>  Amazon basin region:  Rainforest eco-system, relationship to climate, living in the rainforest, de-forestation, human settlement, economy, population distribution &amp; movement.  California – use of natural resources. How is climate change affecting California?</p>	<p><b>H Ancient Greece</b>  Develop chronological understanding: timelines  Draw a timeline with different time periods outlined showing different information (eg periods of history, when famous people lived etc).  Briefly study Ancient Persia and its empire to set the scene.  Greek city states inc. Sparta and Athens, Greco-Persian wars.  Athenian democracy and empire.  Ancient Greece – culture and learning, religion, language and thought.</p>	<p><b>H Ancient Greece</b>  Alexander the great  Revisit Egypt under the Ptolemy family  Greece and Egypt – where do they converge? Rise and fall of empires.  Revisit Ancient Rome – how Roman myths built on Greek myths. Legacy of Greek culture on later periods in British History (BV including democracy)</p>
RE	<p>What does community mean to Muslims? How does learning about the Mosque help us to understand community?</p>	<p>How does the Mosque reflect Muslim beliefs?</p> <p>BV – Tolerance and acceptance of the beliefs of others.  Comparing faiths.</p>	<p>What were the teachings of the Buddha and how do they link to Buddhist Aid Agencies?</p>	<p>What do Jewish people reflect on during Pesach?</p>	<p>How do Christian values influence global Christian organisations? What links can be made to other faith based Aid Agencies?</p>	<p>How do Sikhs demonstrate their belonging to a community?</p> <p>How does the Gurdwara reflect Sikh beliefs?</p> <p>BV – Tolerance and acceptance of the beliefs of others.  Comparing faiths.</p>

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1		2		1	
Art & Design	Identify and draw objects and use marks and lines to produce texture. Use shading to create mood & feeling. Organise line, tone, shape and colour to represent figures & forms in movement. Express emotion in art.		Artist: Seurat, complementary colours, pointillism. Identify and draw objects and use marks and lines to produce texture. Research the work of an artist and use their work to replicate a style		Artist: Grayson Perry 'Leave', 'Remain' vases. What will your vase represent?
D & T		Designer/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. Evaluate the impact of design & technology on daily life and the wider world.		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 such as use - suitability for storing specific goods, ability to be stacked for transport, stability.
PE	Swimming Tennis	Swimming Dance	Swimming <i>set targets/improve performance</i> Gym Bridges	Invasion games Shooting and keeping BV – The rule of law – 'Rules of the game' Net/wall games Football/Hockey	Striking and fielding To know roles of bowler, keeper, batter, fielder Cricket/Rounders Athletics
ICT/Computing	Understand and use internet, search technologies and select software safely E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities	Programming/Debugging E-safety: Using the internet safely. How do you report inappropriate images? Programming focus: Use sequence, selection & repetition in programs: Explore geometric and Islamic art Program: Scratch Cross Curricular: Art Working with Computing lead	Programming/Debugging E-safety: Sharing images and information STEM: What can web pages be used for? Focus: Creating and editing simple html page Cross curricular links PHSE: Morality of Picture copyright? E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities		Graphing and data E-safety: 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? Focus: data entry and presenting data Program: Purple mash Cross Curricular: Science/Maths E-safety (thinkuknow.com)
					Invasion games Support play and formations Netball/Rugby Climbing wall Athletics

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
to	Shakespeare Workshop				History Day – Ancient Greece	