

Highfield Primary School

Curriculum Planning:

Topics & mapping 2023/24

Topics

Autumn – Little People, Big Dreams

Spring – Express Yourself!

Summer – Vive La France

Year: 5

2023-24						
Autumn term Little People, Big Dreams			Spring term Express Yourself!		Summer term Vive La France	
Events	<ul style="list-style-type: none"> ● Be Proud Week (5th-9th September) ● Show Racism the Red Card (29th September) ● World Homeless Day- (10th October) ● Aspirations Week (16th- 20th October) Creative Writing Week (w/c 16th October) ● Remembrance Day (10th November) ● Christmas Jumper Day and concert (8th December) 		<ul style="list-style-type: none"> ● Creative Arts Week (8th-12th January) ● Safer Internet Day (6th February) ● Red Nose Day (17th March) ● Creative Maths Day (27th March) ● Creative Writing Week(w/c 5th February) 		<ul style="list-style-type: none"> ● STEM week (20th-24th May) ● Ocean Day - (7th June) ● Sports Day- (25th and 27th June) ● Bastille Day (12th July) 	
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Core Text	There's a Boy in the Girl's Bathroom (Fiction) Mutual Respect and Tolerance	The Highwayman (Poetry) Alfred Noyes Individual Liberty When Will the Sun Go Out (Non-fiction)	Shakespeare- (MidSummers Nights Dream Play) Individual Liberty Rainforests at Risk (Non-fiction) Pictures-Linda Aksomitis	Floodland (Fiction) STEM Design boats using scientific knowledge of materials and their properties as well as knowledge of forces including up thrust. The Rule of Law	The Adventures of Odysseus (Fiction) Democracy	The Malfeasance by Alan Bold (Poetry) Dark Stone Eye-Scot Gardner (Poetry)

<p style="text-align: center;">S c i e n c e</p>	<p>Forces/Magnetism 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>Galileo/Newton.</i></p> <p>Comparative & Fair Testing - Designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective Testing the different between mass and weight Identifying, classifying and grouping - pulleys, levers and gears</p> <p>Significant Figure: - Galileo Galilei (Astronomer, Mathematician & Physicist who was the first person to use the scientific method to test theories about gravity and the Solar System)</p> <p>The Tin Snail by Cameron McAllister</p>	<p>Earth and Space Gaia 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.</p> <p>Identifying, classifying and grouping - Group planets based on their size/atmosphere/orbit time/rotational period etc.</p> <p>Significant Figures: - Professor Karen Aplin (Atmospheric and space scientist) - Mae Jemison (Astronaut and first Black woman in space)</p> <p>Hidden Figures The True Story of Four Black Women and the Space Race by Margot Lee Shetterly</p>	<p>All living things & their habitats 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.</p> <p>Observation Over Time - Observing cross sections of plants.</p> <p>Significant Figure: - Jane Goodall (Wildlife Researcher & Conservationist who studied chimpanzees)</p> <p>Charlotte's Web by E.B White</p>	<p>Animals including humans Describe the changes as humans develop to old age.</p> <p>Research - Researching gestation periods of different mammals Research naturalists e.g. John Tradescant the Elder</p> <p>Significant Figure: - Jennifer Shelley An (Immunologist)</p>	<p>Properties & Changes of Materials 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.</p> <p>Pattern Seeking - Which object will be a better thermal conductor? Identifying, classifying and grouping - Grouping different materials and their properties</p> <p>Significant Figure: - Jamie Garcia (Chemist who discovered a fully recyclable plastic)</p>	<p>Properties & Changes of Materials 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.</p> <p>Comparative & Fair testing – testing different variables and which materials will dissolve in water.</p>
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History/Geography	<p>G Oceans and Seas <u>Locational knowledge:</u> Position & significance of longitude, latitude, equator, hemispheres, tropics, Arctic & Antarctic. The Prime/Greenwich Meridian & time zones. Use maps, atlases, digital images etc</p> <p><u>Oceans & seas:</u> Review & extend knowledge of the 5 oceans. Oceans & global climate, trade, transport, food, tourism, climate change. Marine biomes.</p> <p><u>Fieldwork:</u> Collect data on water pollution in local river.</p> <p>Big Question: How do oceans affect our lives and communities?</p> <p>Key Geographer – Boyan Slat - The Great Ocean Clear Up</p>	<p>H Ancient Arabia and Early Islam Arabia before Muhammad Bedouin culture, trade and life in the desert; the place of the Makkah in the trade of the Middle East and the world. An oral culture and a land of poetry. Stories about the birth of Muhammad. Makkah, Medina and the birth of Islam.</p> <p>Big Question: How was Baghdad connected with the rest of the world?</p> <p>Alternative Big Question: What impact has Ancient Arabia had on the world?</p>	<p>G North & South America study Population distribution (across world, then focus on N&S America). Megacities. Urban-rural migration. Favelas & 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>Big Question: What are the pros and cons of living in a megacity?</p> <p>Key Geographer – Ynes Mexia</p>	<p>G North & South America study Amazon basin region: Rainforest eco-system, relationship to climate, living in the rainforest, de-forestation , human settlement, economy, population distribution & movement. California – use of natural resources. How is climate change affecting California?</p> <p>Big Question: How is climate change affecting California?</p> <p>Key Geographer – Nellie Bly</p>	<p>H Britain’s Settlement by Anglo-Saxons & Scots including Roman withdrawal from Britain & fall of the Western Roman Empire. Anglo-Saxon migrants & kingdoms. Arrival of Christianity. Archaeology – Sutton Hoo.</p> <p>Saxon art & Culture – brooches</p> <p>Big Question: How do we know about the Anglo-Saxons in Britain?</p>	<p>H The Viking & Anglo-Saxon struggle for England Viking raids and invasion. Resistance by Alfred the Great and Athelstan, first king of England. Viking navigation & 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 & abolition, Ignatius Sancho, Olaudah Equiano.</p> <p>Big Question: How did the Vikings change England?</p>
RE	<p>Islam-What does community mean to Muslims? How does learning about the Mosque help us to understand community? How does the Mosque reflect Muslim beliefs?</p>	<p>World views- Green religion What do religious and non-religious worldviews teach about caring for the earth?</p>	<p>Buddhism- What were the teachings of the Buddha and how do they link to Buddhist Aid Agencies?</p> <p>BV – Tolerance and acceptance of the beliefs of others.</p>	<p>Judaism- What do Jewish people reflect on during Pesach?</p>	<p>Christianity- How do Christian values influence global Christian organisations? What links can be made to other faith based Aid Agencies?</p>	<p>Sikhism- 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>

2023-24

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2		2		2	
Art & Design	<p>Pointilism Artist: Seurat, Children will explore complementary colours and shading through pointillism. Children will create their own pointillism pictures using these techniques.</p>		<p>Still Life Drawing Artists: Albrecht Durer Cezanne Children will identify and draw objects and use marks and lines to produce texture. They will use shading to create mood & feeling.</p>		<p>Architecture Gaudi Children will be looking at architecture as Art. Create mosaics in the style of Gaudi and use clay to create Gaudi inspired buildings.</p>
		<p>Structure (Frame Structure)- 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 using a frame structure. Evaluate the impact of design & technology on daily life and the wider world.</p>		<p>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.</p>	<p>Mechanisms (Cams)- Use a cams mechanism to create a moving toy that is aimed at KS1 children and inspired by your Anglo-Saxon history topic.</p>
D & T					
PE	<p>1-Net Games Tennis/Sitting volleyball 2- Gymnastics – Flight</p>	<p>1- Invasion Games <i>Support Play and formations hockey</i> 2-Dance – Assembly performance</p>	<p>1-Swimming 2- Invasion games Shooting and keeping BV – The rule of law – ‘Rules of the game’ - netball</p>	<p>1-Swimming set targets/improve performance 2- Invasion games Football BV – The rule of law – ‘Rules of the game’- football</p>	<p>1-Athletics <i>Set targets, improve performance – running jumping and throwing</i> 2-Gym <i>Bridges</i></p>
					<p>1-OAA <i>Enfield Y5 scheme</i> 2-Striking and Fielding <i>To know roles of bowler, keeper, batter, fielder</i> <i>Developing a range of role and positional play</i></p>

Co mp uti ng	Programming/Debugging <u>E-safety:</u> Using the internet safely. How do you report inappropriate image <u>Programming focus:</u> Use sequence, selection & repetition in programs: Explore geometric and Islamic art <u>Program:</u> Code.org E	Programming/Debugging <u>E-safety:</u> Using the internet safely. How do you report inappropriate image <u>Programming focus:</u> Use sequence, selection & repetition in programs: Explore geometric and Islamic art <u>Program:</u> Scratch <u>Cross Curricular:</u> Art	Working with Stuart Physical Computing <u>E-safety:</u> Program: Crumb Raspberry Pi	Vectors /Images	Graphing and data <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> J2e <u>Cross Curricular:</u> Science/Maths	Understand Computer Networks: <u>E-safety:</u> Problems with uploading home videos to the internet. <u>PHSE:</u> Acceptable behaviour/ cyberbullying <u>Focus:</u> Communication & Collaboration Sharing experiences & opinions; Blogging <u>Program:</u> J2 bloggy/
Mu sic	Livin' On A prayer- Play and perform in solo and ensemble contexts, using sign language. (Charanga) Class assembly Songs- Children will be rehearsing and performing a range of songs with corresponding actions.	Classroom Jazz- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians (Charanga)	Make You Feel My Love- Children will learn to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads. (Charanga)	The Fresh Prince of Bel-Air- Learn, improvise and compose a rap using inter-related dimensions of music. (Charanga)	Dancing In The Street- Develop an understanding of the history of motown music. (Charanga)	International Day Song - To learn, sing and perform a traditional cultural song. (Charanga)
MF L	On y va (All aboard) c.f. Le Metro	Colours Face descriptions	L'argent de poche (Pocket money)	In the classroom La Meteo	Raconte-moi une histoire! (Tell me a story!) Sleeping Beauty	The weather Where I live Celebrations – Bastille Day Movies

PS HE	Internet & E-safety Be Proud of Who You Are Week Anti-racism Individual Liberties. Rights and responsibilities Welcoming & belonging Teamwork Giving praise and positive feedback	Body image and the media Positive physical and emotional health Raising concerns and helping friends in need Different communities Schools abroad Democracy, government and politics	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 Campaigns and media influence Talking about puberty Male and female changes Puberty and hygiene	Celebrating Differences & Tackling Homophobia Foreign currency What influences spending? Saving money Changing schools
Enrichment Opportunities		Sealife- TBC			Athletics Stadium- TBC	History Day: Vikings Place of Worship Visit- Gurdwara