

Headcorn Primary School: Year 5 Learning Overview

Subject / Term	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	<p>The Adventures of Odysseus</p> <p>Writing Outcomes-</p> <ul style="list-style-type: none"> • Descriptive writing of characters and settings • Recounts • Narrative writing • Reading Comprehension <p>SPaG edit deliberate punctuation errors; add punctuation to dictated sentences; model and practise punctuating parenthesis using pairs of commas, dashes or brackets;</p>	<p>Shackleton's Journey</p> <p>Writing Outcomes-</p> <ul style="list-style-type: none"> • Information texts • Recount • Persuasive letters <ul style="list-style-type: none"> - Descriptive writing • Reading Comprehension <p>SPaG model use of fronted adverbial, ensuring correct use of comma; discuss the effect of moving position of adverbial e.g. make human sentences with word cards; apply fronted adverbials to own writing; dictate sentences</p>	<p>The Viewer</p> <p>Writing Outcomes-</p> <ul style="list-style-type: none"> • Narrative writing • Story telling • Reading Comprehension <p>SPaG expand the range of more complex sentence structures to include relative clauses and embedded clause</p>	<p>A Street Through Time: A 12,000-year Journey Along the Same Street</p> <p>Writing Outcomes-</p> <ul style="list-style-type: none"> • Non-fiction writing, • non chronological reports • autobiography/biographical writing • Leaflets • Reading Comprehension <p>SPaG use bullet points where appropriate; revise use of apostrophe for omission and possession; provide dictated sentences which require decisions about punctuation</p>	<p>One thousand and one Arabian Nights</p> <p>Writing Outcomes-</p> <ul style="list-style-type: none"> • Diary • Newspaper report • Recounts • Newspaper report • Reading Comprehension <p>SPaG use a colon to introduce a list; discuss and use commas, semi-colons and colons to separate clauses effectively; discuss idea of ambiguity, when meaning is not clear</p>	<p>The Highwayman</p> <ul style="list-style-type: none"> • Poetry • Playscript • Reading comprehension <p>SPaG write formal and informal sentences, selecting conjunctions and cohesive devices to suit level of formality</p>
Maths	<p>Number: Place value</p> <p>Number: Addition and subtraction</p>	<p>Statistics</p> <p>Number: Multiplication and division</p> <p>Measurement: Area and perimeter</p>	<p>Number: Multiplication and division methods</p> <p>Number: Fractions</p>	<p>Number: Fractions</p> <p>Number: Decimals and percentages</p>	<p>Number: Decimals</p> <p>Geometry: Properties of shapes</p>	<p>Geometry: Positions and direction</p> <p>Measurement: Converting units</p> <p>Measurement: Volume</p>
Science	<p>Earth and Space</p> <p>What are solar and lunar eclipses?</p> <p>What is the solar system?</p> <p>How do the planets in the solar system differ?</p> <p>What are stars and star constellations?</p> <p>What is the universe and what is it made from?</p> <p>What do astronomers do?</p>	<p>Properties and changes of materials</p> <p>What happens during a state change?</p> <p>What is a physical change and how can we identify them?</p> <p>What is a chemical reaction and how can we identify them?</p> <p>What is the difference between physical and chemical changes?</p> <p>What can we do to investigate chemical reactions?</p>	<p>Forces</p> <p>What are forces?</p> <p>How can we measure the size of forces?</p> <p>What are contact forces?</p> <p>What are non-contact forces?</p> <p>Which factors affect an object's ability to float?</p> <p>What impact do gears, levers and pulleys have on forces?</p>	<p>Notable scientists</p> <p>Who is Katherine Johnson?</p> <p>Who is Alexander Graham Bell?</p> <p>Who is Rachel Carson?</p> <p>Who is George Washington Carver?</p> <p>Who is Stephen Hawking?</p> <p>Who is Marie Curie?</p> <p>Who are the ancient Islamic scholars?</p>	<p>Living things and their habitats</p> <p>Why do plants have flowers?</p> <p>How does the life cycle of an insect compare to an amphibian?</p> <p>Are the life cycles of mammals all the same?</p> <p>Why do birds lay eggs?</p> <p>How do lifecycles compare across the animal kingdom?</p>	<p>Animals including humans</p> <p>Describe the changes as humans develop to old age.</p>

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		What happens when we place metals into acid?				
Geography		<p>European region – Greece/Athens Focus Locate Europe and investigate key information about its principal countries Explain why tourists visit the Mediterranean Explain some of the reasons why people migrate from Syria to Greece Investigate the landscape of Greece, its features and how it is used Investigate some of the main features of Athens Compare daily life for a child in Athens with our own</p>	<p>Biomes What are the Earth's biomes? Where are the Earth's biomes? What affects an ecosystem? What is the tundra? What is the taiga? What are the grasslands? How are biomes being damaged? How are biomes being protected and preserved?</p>			<p>Mountains Describe what a mountain is Locate the world's 'Seven Summits' on a map Describe how different types of mountains are formed Name different types of mountains Describe the climate of mountains Locate the UK's highest mountains Describe a mountain environment found in the UK Recognise the importance of the Himalayas for people living in the region Describe the landscape of a world-famous mountain or mountainous region</p>
History	<p>Ancient Greece - A study of Greek life and achievements and their influence on the western world How was Ancient Greece organised? Why do we know so much about Ancient Greece? What was the Golden Age of Greece? What were the main differences between Athens and Sparta? What did the Olympics look like in Ancient Greece?</p>			<p>The Shang Dynasty Pinpoint the location of the Shang on a map of China and describe and name some cities and physical features of the land. Describe the roles of different members of Shang society and know where they fitted in the Shang social hierarchy. Describe a range of artefacts and know what they were made of and what they were used for. Explain what oracle bones were and how the Shang used them.</p>	<p>Ancient Islamic civilisation How was Baghdad connected to the wider world? The Rise of Islam Baghdad and the Silk Road The Islamic Golden Age The decline of the Abbasid Caliphate</p>	
R.E.	Why do some people think God exists?	If God is everywhere why go to a place of worship?	Can we live by the values of Jesus in the 21st century?	What would Jesus do? (Can we live by the values of Jesus in the 21st century?)	What does it mean to be a Muslim in Britain?	What does it mean to be a Muslim in Britain?
Art	Greek architecture drawing		European artists – Picasso and Klee	William Morris – Wallpaper design		Sculptures – Andy Goldsworthy
D.T.		Designing mittens for a polar exploring			Kite making – researching, designing, and making kits.	
Music	Livin' On a Prayer	Classroom jazz	Make you feel my love	The Fresh Prince of Bel Air	Dancing in the Street	Reflect, Rewind and Replay
P.E.	Basketball & Dance	Gymnastics	Lacrosse	Outdoor activities – orienteering Tennis	Gym	Dance/swimming

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MFL	Les Jeux Olympiques	Qu'elle est la date Aujourd'hui?	Quel Temps Fait-Il?	En classe	Les Vetements	Les Habitats
Computing	We are game developers	We are cryptographers	We are web developers	We are adventure gamers	We are VR designers	We are architects - Creating a virtual space