

Brandy Class Year 5 Long Term Overview 2018/2019

English	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Text Driver	Stormbreaker Antony Horowitz	The Firework Maker's Daughter	A Place Called Perfect	The Whale	Journey to the River Sea	The Egyptian Echo.
Genre	Spy Fiction	Non-fiction Myths	Dystopian Fiction Science Fiction	Non-Fiction Poetry	Playscripts Narrative	Newspapers Non-Fiction
Topic	Spies and Gadgets	The Shang Dynasty	Space	British Maritime History	Rainforests	Ancient Egypt
Any additional texts including poetry	- The man who walked between the towers.	- Willow Pattern Story -Remembrance texts	- Phoenix - Astronauts Handbook (Tim Peak) - Cosmic - DK- The Space Race	-The Matchbox Diary - Titanic historical news extracts -Brunel- The man who built the world	- The Wonder Garden - The Tin Forest - Where the forest meets the sea	-Ancient Egypt - Marcia Williams -Egyptology – Emily Sands
Main Writing opportunities	- Descriptive writing at breaker's yard. -Spy School applications - Non Fiction, Designing our own gadgets. - Character Study, Herod Sayle, Miss Vole. - Alex Rider in his next mission, novel writing in the style of the author.	- Instructions for firework making. -Letter from Lila explaining why she ran away. - Persuade the King to spare Lalchand - Diary from Hamlets POV - Describing a firework maker's workshop - Remembrance Day poetry.	- Guide to a Dystopian setting (Perfect Town) -Describing settings and characters in depth. - Writing a diary as a character in the setting. -Newspaper Report (Apollo 11) - Persuasive writing about animal experiments in pace.	- Biography writing (Brunel) - Writing memories about an object. - Setting descriptions linked to the ocean. - Diary extract writing (my voyage on board) - Newspaper (Titanic sinks) - SS Great Britain Information leaflet. -Hovercraft explanation writing.	- Playscripts (Maia's conversation with the twins.) - Formal letter writing, Maia explaining her experiences to Mr Murray. - Non- Chronological report – A guide to the rainforest -Continue the narrative in the style of an author.	- Instructional writing (mummification processes) - Newspaper, Howard Carter discovers the tomb of Tutankhamun. - Information text on a focus area of Egyptian study.

- Describe
- Entertain
- Explain
- Inform
- Instruct
- Discuss
- Advise
- Persuade

Year 5 Long Term Overview – Mathematics

weeks	Autumn term	Spring term	Summer Term
1	Number and Place Value	Fractions, Decimals & Percentages	Number and Place Value
2	Number and Place Value	Fractions, Decimals & Percentages	Geometry
3	Addition and Subtraction	Fractions, Decimals & Percentages	Geometry
4	Multiplication and Division	Multiplication and Division	M4 Statistics
5	Multiplication and Division	M2 Fractions, Decimals & Percentages	Statistics
6	Fractions, Decimals & Percentages	Fractions, Decimals & Percentages	
7	Fractions, Decimals & Percentage		All Four Operations.
8		Number and Place Value (2 Wk)	Problem Solving for all domains
9	NPV (large numbers, decimals and fractions)	Fractions, Decimals & Percentages	ARE Problem Solving for all domains
10	M1 Measurement	Fractions, Decimals & Percentages	Problem Solving for all domains
11	Geometry	Measurement	ARE Problem Solving for all domains
12	All Four Operations	Measurement	Problem Solving for all domains

Year 5 Long Term Overview – Foundation Subjects.

Topic	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Forces</p> <ul style="list-style-type: none"> - Explain that unsupported objects fall towards Earth because of the force of gravity acting between Earth and the falling object. -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 greater effect. 	<p>Properties and changes of materials</p> <ul style="list-style-type: none"> · Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. · Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution. · Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. · Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. 	<p>Earth and space</p> <p>Describe the movement of the Earth, and other planets relative to the Sun in the Solar System.</p> <ul style="list-style-type: none"> · Describe the 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>Working Scientifically Famous Scientists</p> <ul style="list-style-type: none"> -Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary - Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations ♣ Identifying scientific evidence that has been used to support or refute ideas or arguments 	<p>Living things and their habitats</p> <p>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</p> <ul style="list-style-type: none"> · Describe the life process of reproduction in some plants and animals 	<p>Animals inc. humans</p> <ul style="list-style-type: none"> -Describe the changes as humans develop from birth to old age Linked with SRE learning. Recap and consolidate science learning from across the year
Computing	<p>We are game developers</p> <p>Programming a simple game using Scratch.</p>	<p>We are cryptographers</p> <p>Coding messages using different ciphers.</p>	<p>We are artists</p> <p>Linking geometry and art using 3D design software.</p>	<p>We are web developers</p> <p>Designing, editing and building a web page. Links to HTML</p>	<p>We are bloggers</p> <p>Writing and publishing a blog linked to topic.</p>	<p>We are architects</p> <p>Creating a virtual art gallery linking to artist unit. Software : Google Sketchup</p>
SMSC	<p>Aspirations, Dreams & Goals</p>	<p>Positive Relationships & Teamwork</p>	<p>Going for Goals</p>	<p>Anti-bullying</p>	<p>Relationships</p>	<p>Growing up and Moving on</p>

<p>History</p>		<p>In depth study – The Shang Dynasty</p> <p>Study the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China</p>	<p>The race for space – USA vs Russia cold war</p> <p>Pupils study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066. How the cold war effected the space race including Britain's contributions including Tim Peak, the Black Arrow rocket and our local needles battery test site.</p>	<p>History Beyond 1066 – British Maritime History</p> <p>Pupils complete a study over time tracing how several aspects of national history are reflected in the locality. Including the changes in History that led to the Mary Rose, HMS Warrior and Titanic. Links to social history & migration</p>	<p>Overview of Ancient Civilisations – Tribal Life</p> <p>Study the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared. Linked to early human life in our areas, comparing and contrasting to tribes in the amazon.</p>	<p>In depth study – Ancient Egypt</p> <p>Study the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China</p>
<p>Geography</p>	<p>Marvellous Maps</p> <p>Geography Skills unit focusing on using maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Using the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world</p>		<p>Physical Geography – Magnificent Mountains</p> <p>Study different mountainous areas on earth (and Olympus Mons) to understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America.</p>	<p>Human Geography – How ships started globalisation</p> <p>Linking with History, compare land use maps of UK from past with the present, focusing on human geography changes. Links to social history & migration.</p>	<p>Enough for Everyone – Recycling</p> <p>A human geography focus, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. How can we preserve our resources for generations to come?</p>	<p>Locational knowledge. Including maps, countries, capitals, continents.</p> <p>Place Knowledge</p> <p>Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies</p>
<p>RE</p>	<p>Christianity Images: Jesus in Art</p>	<p>Christianity: Prophecy</p>	<p>Judaism: Hanukah</p>	<p>Suffering & Sacrifice: Easter Story</p>	<p>Meaning of Life</p>	<p>Islam Rites of Passage</p>

DT	Parachute making, bike brakes investigation. Design and testing linked to science unit, forces.	Shang Dynasty 3D town plans and house construction	3D Planet design and build.	Watertight project – ship to sail. Building a model titanic with improved features.	Cookery – World Foods	Ancient Egypt Artefacts
Art and Design	Gadget designs Alex Rider mood board Self-portrait study using pencil and paints, linked to spy school application and ID Card.	Clay – Shang Artefacts including replicas for Shang Dynasty Bronzes and Dragon Oracle Bones Chalk – Firework Art linked to English Text Driver.	Paint – Peter Thorpe artist study. Design, Make and Evaluate. Create abstract background, detailed foreground and attach together.	Stormy seas interpretation modern art. Sketch technical drawing designs of different British Ships.	Book Illustrations – Illustrating a non-fiction text in the style of ‘The Wonder Garden’ Creating tribal masks linked to the rainforest study.	Egyptian Hieroglyphics Clay Sarcophagus Egyptian Death masks
Music		Flutes Use and understand staff and other musical notations. Listen with attention to detail and recall sounds with increasing aural memory		Ukelele Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression		Samba Develop an understanding of the history of music including how music influences culture. Play and perform in solo and ensemble contexts.
French		La Jollie Rond Listening, Exploring and Speaking		La Jollie Rond Understanding and Communication		La Jollie Rond Applying and Developing Fluency
PE	Invasion Games Tag Rugby	Indoor Athletics Gymnastics	Invasion Games Basketball	Invasion Games Handball	Invasion Games Hockey	Outdoor Athletics Cricket