



Year 6 Autumn Term Curriculum Map

Maths

- **Number: Place Value:** read, write, order and compare numbers up to 10,000,000 and determine the value of each digit, including negative numbers and rounding
- **Number: Addition, subtraction, multiplication and division**
- **Fractions A-** addition and subtraction of fractions and equivalent fractions
- **Fractions B-** multiplying and dividing fractions and fractions of an amount
- **Ratio-** Scale drawing and scale factors. Proportion problems.

History

Britain at War- Sticky Knowledge:

- WW1 1914-1918.
- The war ended with the Treaty of Versailles.
- WW2 1940-1945.
- Countries joined to create the allied and axis powers during WWII.
- Groups were evacuated during WWII.
- The Blitz was a sustained campaign of aerial bombing on British towns and cities.
- Thousands of soldiers were evacuated from Dunkirk.
- That groups of people were persecuted by the Nazis.
- That the Holocaust took place during WWII.
- The D-Day landings marked the turning of the tide towards liberating Europe.
- VE Day and VJ Day marked the end of the Second World War.

Geography

Place, Sustainability, Interconnection, Change Sticky Knowledge

- Name and locate some of the countries in South America, particularly Brazil.
- Know some of the natural resources and trade links in Brazil.
- Name and locate major cities, natural wonders and major landmarks of Brazil.
- Explain how latitude affects the climate and economy/trade of Brazil.
- Know facts about the Amazon Rainforest and how the indigenous people live.

P.E.

- Gymnastics
- Dance
- OAA
- Net/wall
- Badminton

English

Please find below the core texts we will be using and the text type we will be writing.

- The Island- Character description, news article, informal letter
- In Flanders Fields (Poem)
- Letters from the Lighthouse- narrative, instructional writing, diary
- A Christmas Carol-Formal letter, narrative
- Writing for Pleasure week

Art and Design

Sculpture using malleable materials.

Artist: Henry Moore

Outcome: to create a sculpture of a person using wire

Sticky knowledge:

- To know that a sculpture is a 3D representation of an idea, experience or observation.
- To know that sculptures can be made from a range of materials.

Design and Technology

Build a drawbridge (mechanisms and structures): Sticky

Knowledge:

- To know how to strengthen, stiffen and reinforce more complex structures.
- To know how to use mechanisms [for example pulleys and axles], in their products.
- To know how successful their product is and what they would do to further improve it.
- To know which are the most appropriate resources and tools.

Music

Unit one: Pulse

- To know how to identify and maintain a strong sense of pulse and
- Recognise when they are going out of time.
- To know and play in regular (2/4 , 3/4, 4/4) and irregular (7/4, 5/4) timings.

Unit two: Voices

- I can experiment with and refine sounds with my voice.
- I can maintain an independent part in a performance with good awareness of other parts.

Science

Evolution and Inheritance- Sticky Knowledge:

- All living things have offspring of the same kind, as features in the offspring are inherited from the parents.
- Due to sexual reproduction, the offspring are not identical to their parents and vary from each other.
- Plants and animals have characteristics that make them suited (adapted) to their environment.
- If the environment changes rapidly, some variations of a species may not suit the new environment and will die.
- If the environment changes slowly, animals and plants with variations that are best suited survive in greater numbers to reproduce and pass their characteristics on to their young.
- Over a very long period of time, these characteristics may be so different to how they were originally that a new species is created. This is evolution.
- Fossils give us evidence of what lived on the Earth millions of years ago and provide evidence to support the theory of evolution.
- More recently, scientists such as Darwin observed how living things adapt to different environments to become distinct varieties with their own characteristics.

Religious Education

Unit one: Creation in science, complementary or conflicting? Sticky Knowledge:

- Make clear connections between Genesis 1 and Christian belief about God as Creator
- Show understanding of why many Christians find science and faith go together.
- Make clear connections between what people believe about God and the impact of this belief on how they live.
- Give evidence and examples to show how Christians sometimes disagree about what God is like (e.g. some differences in interpreting Genesis)

Unit two: Why do some people believe in God and others do not? Sticky Knowledge:

- To know that people have different beliefs and non-beliefs.
- Be able to say how belief impacts on how people live.
- Know how people who have a belief live their lives in a particular way.

P.S.H.E

How can we keep healthy as we grow? Sticky Knowledge:

- Know how to maintain a positive friendship.
- Know that we need to maintain physical and mental health.
- Know ways that we can maintain our physical and mental health.
- Know who to talk to when worried about wellbeing.
- Know the impact of drugs and alcohol on our bodies.

Computing – Computing Systems and networks: Internet communication

- ✓ Search engines are needed for internet searches.
- ✓ Search engines use web crawlers.
- ✓ Search results are ranked using criteria.

Computing – Webpage creation

- ✓ Websites are created using HTML code.
- ✓ Different media can be used in the layout of a web page.
- ✓ Copyright-free images can be used in public web pages.
- ✓ Hyperlinks create links to other websites.