



# Bellenden Primary School – Topic web Year 5 Term 1

## Land of Hope and Glory

### Science: PROPERTIES AND CHANGES OF MATERIALS (see scheme of work for more detail)

- 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 material will dissolve in a liquid to form a solution, and describe how to recover a substance from a solution.
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials including woods, metals and plastic.
- 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: THE BATTLE OF BRITAIN

- Know why WW2 broke out.
- Identify countries involved in WW2.
- Know the countries which were allies.
- Know when the Battle of Britain occurred.
- Know why Germany chose to invade Britain by air.
- Learn about Churchill's resistance during the Battle of Britain.
- Understand how the Battle of Britain affected everyday life.
- Understand evacuation and why children were evacuated at this time.
- Research the role of propaganda.

### Geography: THE PHYSICAL FEATURES OF THE UK.

- Identify some of the major mountains, hills and rivers in the UK.
- Identify key topographical features of maps such as hills, mountains, rivers and coasts.
- Know the differences between a hill and a mountain.
- Explain the differences between rivers, lakes and streams.
- Know that rivers run into coasts.
- Know the key vocabulary associated with rivers and coasts.
- Use 6 grid reference figures when locating key topographical features.
- Know how temperatures change at different altitudes.
- Devise graphs based on the changes in temperature.

### Art: Sculpture (link in with Anthony Gormley's work)

- Shape, form, model and construct from observation or imagination.
- Use recycled, natural and man-made materials to create sculptures.
- Plan a sculpture through drawing and other preparatory work.
- Develop skills in using clay including slabs, coils, slips etc.

### D.T: CREATE AN ANDERSON SHELTER

- Use bradawl to mark positions.
- Use a hand drill to drill tight and loose fit holes.
- Cut wood, dowel and square section wood accurately to 1mm.
- Join materials using appropriate methods.
- Build frameworks using a range of materials - e.g. wood, card, corrugated plastic to support mechanisms.
- Use a glue gun with close supervision.
- Cut slots - cut accurately and safely to a marked line.
- Join and combine materials with temporary, fixed or moving joinings.
- Use a craft knife, cutting mat and safety ruler under 1:1 supervision.
- Choose an appropriate sheet material for the purpose.

- **Music:** Pupils should play and perform in solo and ensemble contexts, using their voices and playing instruments with increasing accuracy and fluency.
  - Improvise and compose music for a range of purposes using the interrelated dimensions of music.
  - Listen with attention to detail and recall sounds using aural memory.
  - Use and understand staff and other musical notations.
  - Appreciate and understand a wide range of high quality live and recorded music from different traditions and great composers and musicians.
- Develop an understanding of the history of music

### P.E: dance, gymnastics and games

### R.E: Please follow Southwark Agreed syllabus Buddhism (unit 4) and Sikhism (unit 4)

#### Computing: 1<sup>st</sup> half – USING TECHNOLOGY SAFELY

- Use a safe online space (learning platform) to explore collaboration and networking.
- Understand some of the issues around possible online deception.
- Know about KIDSMART rules and other e-safety portals.
- Be able to describe how children would ask for help or support.

#### Computing: 2<sup>nd</sup> half – THE INTERNET AND DIGITAL RESEARCH

- Know the basic structure of the internet and the world wide web.
- Understand that some information sources should be credited.

Understand that information from the internet needs to be checked and evaluated.

### Entitlement and enrichment:

Topic writing links: (please teach during Friday's literacy lesson and work in topic/Science books\_

Literacy books which link to the topic:  
Carrie's War

- Write a diary from the perspective of an evacuee.
- Write a speech given by an army general.
- Write a report on the changes to everyday life during the Battle of Britain.
- Write a letter from a parent to an evacuee about life in the city during the Battle of Britain.
- Create propaganda style posters.
- Create a leaflet on the mountains, hills, rivers, lakes and streams.
- Create own map of a settlement including key topographical features and write a guide about it.
- Write a set of instructions for making an Anderson shelter.
- Create an information card about a sculpture created.
- Write a description of different materials using appropriate scientific language.
- Write a report about some of the materials invented during WW2.
- Write a very simple biography about Spencer Silver or Ruth Benerito.
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War Boy  
 Rose Blanche  
 The Silver Sword  
 The Machine Gunners  
 Goodnight Mr Tom  
 Blitzcat  
 When Hitler Stole Pink Rabbit  
 The Lion and the Unicorn  
 Blitzed