



# Bellenden Primary School – Topic web Year 3 Term 1

## Time after time

### Science: ROCKS (see scheme of work for more detail)

- Compare and group together different kinds of rocks on the basis of their appearance and simple properties.
- Describe in simple terms how fossils are formed when things that have lived are trapped within the rock.
- Recognise that soils are made from rocks and organic matter.

### Science: LIGHT (see scheme of work for more detail)

- Recognise that children need light in order to see things and that dark is the absence of light.
- Understand that light is reflected from surfaces.
- Recognise that light from the sun can be dangerous and there are ways to protect their eyes.
- Recognise that shadows are formed when the light source is blocked by a solid object.
- Find patterns in the way that the size of the shadows changes.

### History: PREHISTORIC TIMES

- Identify the stone age era, the Bronze Age era and the Iron Age era on a timeline and in chronological order.
- Distinguish between evidence from each of the three periods.
- Learn about the Neolithic hunter-gatherers and early farmers through the study of Skara Brae.
- Learn about the Bronze Age religion, technology and travel.
- Find out how Stonehenge was built.
- Identify how farming changed people's lives through the study of Danebury Hillfort.
- Identify when the most important changes in Britain between the Stone Age and the Iron Age.

### Geography: TIME ZONES

- Know there are different time zones across the world.
- Locate the different time zones on a map.
- Understand that when you travel, you travel through different time zones.
- Know that day and night are different across the world.
- Know the links between the position of the sun and the earth's rotation.
- Identify where it is day or night in different areas.
- Identify the prime meridian and know that every place on earth is measured from this line in terms of its distance.
- Know that the prime meridian divides the earth into East and West.
- Realise the importance of Greenwich and the prime Meridian

### Art: LASCAUX CAVE ART

- Experiment with different effects and textures including blocking in colour, washes, thickened paint creating textural effects.
- Work on a range of scales e.g. thin brush on small pictures etc.
- Create different effects and textures with paint.
- Mix colours and know which primary colours make secondary colours.
- Use specific colour language.
- Mix and use tints and shades.
- Know about great artists in history.

### D.T: MAKE A MOVING, PREHISTORIC MONSTER

- Understand pressure can be used to produce and control movement.
- Understand and compare techniques for making simple pneumatic systems.
- Assemble a simple pneumatic system and use it in conjunction with simple levers to control movement.
- Explore ideas through 3D modelling.
- Work safely with a range of simple hand tools.
- Use a storyboard to sequence work.
- Evaluate the product.

### Music: FOCUS STUDY - WORLD MUSIC.

- Play in ensemble contexts, using their voices and playing instruments with increasing accuracy.
- Improvise music for a range of purposes using the interrelated dimensions of music.
- Listen with attention to detail of sounds.
- Appreciate and understand a wide range of high-quality live and recorded music.
- Develop an understanding of the history of music.

### P.E:

(follow Val Sabin's scheme of work -located in the PPA room)

- Games, gymnastics and dance

### R.E: (Follow Southwark agreed syllabus) Buddhism (units 1 and 2)

#### Computing: USING THE INTERNET SAFELY

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

#### Computing: 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: Greenwich observatory and maritime museum. British museum. Natural history museum.

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

- Write a description of people from the different eras.
- Write a fact file about someone from Bronze age/stone age/Iron age - what they wore/where they lived/ what they ate/who they worshipped.
- Write a diary from a hunter-gatherer's and early farmer's point of view.
- Write a brochure about Stonehenge
- Write a guide to Skara Brae.
- Write about a typical day living at Danebury hill Fort.

- Choose a country from a different time zone and write a postcard.
- Retell 'At the same moment around the world' (Clotilde Penn)
- Write an explanation about the sun's position and the earth's rotation (make a book for a younger child)
- Write a contrast between what happens at daytime and what happens at night times.
- Write an explanation of how an animal becomes fossilised.
- Write a poem about the dark.

**Maths topic Links: (work to be in topic/Science books)**

- Measure work linked to Meridian prime.
- Time work based on time zones.
- Data-handling (light)

**Literacy books which link to the topic:**

- At the same moment around the world.
- Stone Age Boy
- Ug
- Cavemen Dave
- Minnow and the Bear