

Knowledge & Skills Organiser – Yr 2 Spring Term

Subjects covered in the national curriculum:

English

Texts –The Mousehole Cat

The Night Pirates

Class reader- Kensuke's Kingdom

Letters- Writing letters linked to the story of the Night Pirates.

Stories with different settings – Using the structure of the Mousehole Cat we will write some adapted stories.

Computing- Data Handling- using apps to create a range of charts and graphs. Games Creator- Making simple games using programming skills.

History – The Life of Admiral Nelson -Who was Horatio Nelson? What were his achievements? Why is he seen as a hero?

Geography-United Kingdom – our homeland

What countries make up the United Kingdom? What is the landscape and coast like?

Land features- compare and contrast the landscape of Norfolk with other parts of the country.

TOPIC TITLE

A life on the Ocean Waves.

RE –Why is light an important symbol for Christians, Jews and Hindus? How do Jews celebrate Passover?

Science

Materials that are best to build something which floats. Comparing how objects move on different surfaces.

Habitats: Underwater and sea shore; Identifying plants and animals including micro habitats.

What humans need to survive: What a sailor needs on a boat and why.

Art/DT: Cross curricular: Science: Underwater habitats on a plate.

Blending oils to make a sea scape.

Maths

Cross curricular link with English: Using time to schedule a trip on a boat to visit Cornwall and the seals at Blakeney.

Cross curricular link with Science: Capacity: Making saline solutions to recreate the sea and then record capacity in milliliters and liters. We will then make this into a graph.

Cross curricular with English: Using 'Star Gazey' pies to review fractions (within math's meetings)

Enrichment- Trip to Museum to discover more about Lord Nelson.

Pensthorpe trip - Habitats

Trip to Houghton – outdoor learning,

Story café- The Dragon Machine.

The skills you will develop in this topic:

Geographical skills and fieldwork: use maps, atlases, apps and digital/computer mapping to identify landscapes and how they differ throughout the UK. Observe, record and present the features of countries and land features using a range of methods, including sketch maps. Be able to locate the 4 countries and capitals of the UK and name its surrounding seas.

Art: blending colours using oils. Creating colour washes in water colour. Sketching using pencils.

Design Technology: creating simple floating structures and exploring their durability. Using precise cutting skills to create 3D models of habitats.

Science asking relevant questions and using different types of scientific enquiries to answer them ♣ setting up simple practical enquiries, comparative and fair tests ♣ making systematic and careful observations and, where appropriate, taking accurate measurements ♣ gathering, recording, classifying and presenting data in a variety of ways to help in answering questions ♣ recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables ♣ reporting on findings from enquiries, including oral and written explanations ♣ using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

RE: discussion and reasoning, exploring ideas (philosophy), comparing and developing lines of enquiry (social human science), reflection.

The knowledge you will need to know:

Geography- **Location knowledge** –Northern hemisphere, continent, country, oceans. **Place knowledge** – same, different, compare. **Human and Physical Geography** – climate, landscape, rivers, seas, lakes, mountains, capitals.

Science – Exploring Habitats including underwater habitats and micro habitats.

Humans and what they need to survive. Exploring materials through floating and sinking.

RE: Discussing why is light an important symbol? What do we mean by good and evil? What is Passover? What happens at Passover?

Home Learning ideas:

- Paint a picture of a famous landscape in the United Kingdom
- Find a recipe that is typically associated with Scotland, England, Northern Ireland or Wales and have a go at making it – take photos or send it in to be tried by the class.
- Make a model of a famous place or building in the UK.
- Find a postcard of a famous place in the UK and bring it in to put on our Geography board.
- Visit Burnham Norton and see if you can find the church Nelson's father was the vicar of. Can you find the blue plaque showing where Nelson used to live?
- Create a 3D shoreline habitat.

Vocabulary I need to know:

Geography – continent, country, river, map, ocean, features, location, resources, capital, Scotland, Northern Ireland, England, Wales, climate.

History- Admiral, fleet, navy , Norfolk, captain, ship, battle, Trafalgar, Burnham Norton, HMS Victory, Lady Hamilton, press gangs, Nile, Polar bear, hero.

Science – habitats, micro habitats, humans, floating, sinking, materials, saline solutions,

Art – Blending, colour wash, sketching.

D.T – Materials, 3D, models, bending, cutting, gluing.

RE – Light, good, evil, symbol, Christian, belief, Hindu, Jews, Theory, Passover, Exodus, Plagues, celebration, meal, Shabbat, Moses, Judaism, Jewish

By the end of our topic the children will:

Have gained understanding of the country in which they live and how the landscape varies. Children will have completed their own stories and letters. Children will have explored why light is an important symbol and what different groups of people believe. They will also have looked at the story of Passover.

Children will have explored another habitat and will recognise plants and animals that inhabit it.

Children will understand what a human needs to survive.

Children will have used a range of medium to create picture and whole class displays based on seascapes.