

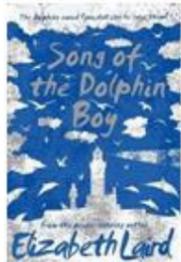
**English:**

- Calligram
- Story
- Script
- Non-Chronological Report

**SPAG:**

- Present perfect tense
- Subject verb agreement
- Pronouns/nouns
- To understand terminology
- Speech
- Indefinite article
- Singular/Plural

• **Text to be read:**



**SCIENCE: States of matter**

NC—compare and group materials together, according to whether they are solids, liquids or gases. Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C). Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Sort and group solids, liquids and gases

Identify the properties of particles

To investigate gases and explore their properties (investigation)

To investigate the change of properties through different states

Describe the different stages of the water cycle

Evaporation and condensation

**ART, DESIGN & TECHNOLOGY: NC** - select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Colour mixing and matching; tint, tone, shade (primary, secondary and tertiary). Improve art techniques including drawing with a pencil.

Ocean picture – create a picture of the layers of the ocean using tints and shade

**Music: NC** – listen with attention to detail and recall sounds with increasing aural memory

List and respond to whale sounds/music

To look at how sound travels in the sea and to look at the different sounds. Children will be listening and discussing the sounds they hear and justifying why they think that. Creating their own music to set the scene from a text.

### TOPIC TITLE: Blue Abyss

**GEOGRAPHY: NC** - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied and physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

Oceans and look what is in the depths of the sea – study the different layers of the ocean and the marine life found within them  
Dangerous creatures in the sea – the impact, how they help maintain the seas.

Great Barrier Reef – case study – look at location – map, the history and how it has changed over time – why?

Looking at the environment/pollution in the ocean/plastic impacts on marine life and the oceans. David Attenborough – life and impact on the world of nature

Human Geography – look at trends in recycling across the globe – waste from each country – where the most is why? – how do we cope with this?

Eruptions, landslides, or simply an asteroid or a meteor crash inside the

**MATHS: NC** – all objectives taken from National Curriculum

**Multiplication:**

Recall and use multiplication and division facts for multiplication tables up to 12 x 12.

Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.

Recognise and use factor pairs and commutatively in mental calculations.

Multiply two digit and three digit numbers by a one digit number using formal written layout.

Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

**Area and Perimeter:**

Finding the length and perimeter of rectangular and rectilinear shapes. Solve problems involving length and perimeter

**History: NC:** a study of a site dating from a period beyond 1066 that is significant in the locality.

Prehistoric creatures

Looking at shipwrecks – comparison between Titanic / Cape horn

Look at different myths about the sea - the children will build their knowledge of oceans and seas around the world and how myths are passed down and become part of the history of a location.

History of the oceans, changes over time

**COMPUTING: NC** - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration  
-use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

Research about the oceans and marine life.

**ENRICHMENT:**  
following whole school enrichment programme

**R.E./PSHE:** following PATHS curriculum Unit

RE – Religion: Christianity. Key question: What is the most important part of the Nativity story for Christians?

P.E Gymnastics