



## Oak Class Mrs Noble & Mrs Williams Curriculum Information Summer 2023

**English** -We will be looking at the following text types

**Non-Fiction** – Explanations and instructions based on our geography and science topics

We will also be creating a survival guide to help people survive their dangerous journeys

**Narrative** – we'll be writing stories about a journey, including detailed character and setting descriptions

We will be using the texts to focus on different aspects of grammar; features of different text types, vocabulary and syntax.

We will be following No Nonsense Spellings programme.

### Personal and social development

- Managing risk
- Healthy lifestyles

### RE:

- Islam - beliefs, practises and festivals.

### Computing:

- **Mars Rover 1** – Data Handling, Binary
- **Mars Rover 2** - Skills Showcase, modify the design of a 3D object using CAD software

### Physical Education

- **Athletics** – Pentathlon
- **Games** – Striking and Fielding
- **Swimming**

### Mathematics

#### Year 4

- **Decimals:** tenths and hundredths,  $\div$  1-2 digit numbers by 10/100, comparing and ordering decimals, rounding to 1 decimal place
- **Money:** convert, compare, calculate & solve problems with money
- **Time:** convert to/from the 24hr clock
- **Shape:** compare angles, triangles, quadrilaterals, polygons
- **Statistics:** charts and line graphs
- **Position & direction:** co-ordinates and translation

#### Year 5

- **Decimals & percentages:** equivalent fractions decimals & percentages, thousandths, compare & order up to 3 decimal places,
- **Measurement:** calculating perimeter and area
- **Statistics:** draw, read and interpret line graphs and tables
- **Shape** – angles within lines and shapes
- **Position and direction** – plotting and transferring coordinates, translation, symmetry, reflection in horizontal and vertical lines
- **Converting units** – kilograms and kilometres, millimetres and centimetres, metric and imperial, time

Both year groups will practise problem solving & reasoning in all areas.



**Music** – looking at different music traditions from around the world and choosing a style of music to create their own short composition considering the inter-related dimensions of music

**Art** – looking at the work of Monet and his paintings of rivers

**Design & Technology** – design and make a produce from recycled materials

### Geography – Our Blue Planet

We will be exploring:

- Why our planet is perfect for life
- The oceans/seas of the world and the different animals that live in these habitats
- The rivers of the UK, how they are formed, their source and end, and the habitats that they create
- Some of the biggest rivers of the world, comparing them to the UK's in terms of source, end and habitat.
- Comparing the different climates of the world and their impact on the water systems
- Understand the impact of pollution in our water systems and what we can do to prevent it

### Science:

#### Forces

- Learn about the effects of gravity, air resistance, water resistance and friction on objects
- Learn how levers, pulleys and gears allow smaller forces to have a greater effect.

#### Living Things and their Environment

- Yr 4 – grouping & classifying living things and looking at the effect of environment changes
- Yr 5 - describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird, and describe the life process of reproduction in some plants and animals.

#### Animals including Humans

- Describe the changes as humans develop to old age
- We will be working as Scientists and developing our scientific investigative skills.