

### Maths

Number and place value  
Addition and subtraction  
Money and measures  
Measures and shape  
Money  
Number and fractions  
Doubling and halving  
Shape and Data  
Mental addition  
Reasoning



### Geography

We will look at monitoring the weather, discussing how the sun affects weather patterns and creates hot and cold areas on earth.  
We will be using compass directions (N,S,E,W) and locational language to describe locations on maps.  
We will be looking at human and physical features of our local environment.  
Locating the 4 countries in the UK and naming the surrounding seas.  
Understanding what a continent is, locating and naming the 7 continents and 5 oceans around the world.



### Science:

We will be looking at things that are living, dead and things that have never lived as well as exploring the different environments to find plants and animals in their habitats.  
Importance of exercise, a balanced diet and hygiene to humans.



### PE

Gymnastics: Parts high and low.  
Games: Throwing, catching and inventing games.  
Dance: Reach for the stars Games: Making games with a partner, aiming, hitting and kicking.



### History:

To start our topic we will focus on Grace Darling and her achievements, as well as discussing how the Victorians changed going to the seaside and find out how things have changed since the children's Grandparents were young.  
We will also research the 'Tidal wave of wood' that was washed up at Worthing beach and comparing a Victorian Christmas to a present day.  
We will also look at the Thailand Tsunami as our global event.



## Lighthouses and Storms

Autumn Term 2022



### English

Role play: Autumn 1 - Lifeboat station; Autumn 2 - Weather station.

**Non-Fiction Writing** – Biographies/The Grace Darling Story  
Writing effective sentences to create a biography.  
Questions about the 'Tidal wave of wood'

**Fiction Writing** – Story/Stardust by Jeanne Willis  
Writing effective sentences to build a story.



### Music

#### Music – Charanga

Hands, Feet, Heart/Afropop – South African music  
Ho, Ho, Ho/Rap  
Listen and appraise, Find the pulse, Clapping rhythms, Singing, Playing instruments, Composing  
Singing for Christmas



### Computing



#### We are Photographers

Take digital photos, edit and enhance.  
Research using Internet search engines to find out about Grace Darling and present information.

#### We are Rescuers

Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.  
Create and debug simple programs.  
Use logical reasoning to predict the behaviour of simple programs.

### Conventions of the Rights of the Child

We will be looking at the right to an education (Class Charter) as well as the right to be safe (sea safety).

### Art/DT

**Sculpture** - Study Andy Goldsworthy. Use natural objects to create sculptures.  
**Observational sketches** - Sketch shells and use digital art to replicate pattern and texture.  
**Paint** - Look at 'The Great Wave' - by Hokusai. Use acrylic paints and water colours to recreate effect.  
**DT** - Designing, making and evaluating a healthy sandwich.



### RE

**Belonging** - Different rules and beliefs  
Harvest

Exploring special buildings: Synagogue  
Christmas and Hannukah festivals traditions. The Christmas Story - Nativity play.



### PSHE/RSHE

Communities – To understand their role in our school community.  
To understand how they belong to various groups and communities in the East Preston area.  
RSHE - Personal space and privacy and Inclusive behaviour  
Keeping safe – How positive choices can lead to happiness.  
Water safety  
Rules and responsibilities – Importance of sharing

