

Explorers of The World

Maths

We use Maths No Problem. This follows a mastery maths teaching approach, where children master the mathematical topic and subject before moving onto the next area of the mathematical curriculum. Children will use a variety of concrete, pictorial and abstract methods when exploring mathematics.

Children will learn

Numbers to 100

Addition and subtraction

Multiplication of 2,5 and 10

Multiplication and division of 2,5 and 10

Due to following maths mastery, some of the expected mathematical topics, may be taught in Spring term.

We also teach number sense and fluency following the NCETM Mastering Number programme. Children will use a variety of representations and resources including rekenreks and Hungarian number frame.

English

Throughout the Autumn term we will create a number of written pieces including:

- A character description of Emilia Earhart.
- A poem about Amelia Earhart's journey, linked to the 5 oceans and 7 continents.
- A diary in the style of Captain Robert Falcon Scott.
- A Christmas journey story.
- We will also develop our writing with short burst writing looking at a variety of genres.

Science

Autumn 1- We will explore living things, dead/ non-living and never alive. We will take our learning out of the classroom and look at the above categories to find objects which fit into each of the categories. We will also look at the habitats and basic needs of animals and plants.

Autumn 2- We will identify and name a variety of plants and explore microhabitats. We will look at food cycles naming sources of food.

Art and design

We will learn about the artist George Seurat and create artwork in the style of him using pointillism

We will sketch out local and famous landmarks.

We will look at the work of Andy Goldsworthy and create work in his style using natural and reclaimed materials.

D & T

We will make explorer bars and Christmas stained glass window biscuits when looking at food.

We will create a pop up explorer poster.

Geography

We will learn the names of the 5 oceans and 7 continents. We will use a great song to remember these– *it will get stuck in your head!*

History

We will learn about the lives of current and past explorers. Some of the explorers we will research are: Tim Peak, Dame Jane Goodall, Amelia Earhart and Captain Robert Falcon Scott (Will any visit us and explore Newlaites?).

R.E

Autumn 1- We will learn about the faith Christianity and who Jesus was and the stories (parables) he told.

Autumn 2- We will continue our learning of Christianity and where Christians worship as their special place. We will consider our own special places and why they are special to us.

PSHE

We will look at belonging to a community including looking at the British Value of democracy.

P.E.

Children will develop their gymnastics skills and use different points of contact when performing balances.

Children will learn and create their own elements of a dance about the Great Fire of London.

Computing

Children will develop their coding skills including the use of timers and buttons. Children will debug algorithms and create their own mini games.

Children will look at search functions looking at the subject areas. Children will be able to open saved work independently.

Children will explore spreadsheets and the use of basic formula.

Music

Children will explore pitch and rhythm in a variety of songs.

We will learn songs for our Nativity performance, which we will perform to parents.