

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.



Science:

Beach School – we will be looking at things that are living, dead and things that have never lived as well as exploring the beach to find plants and animals in their habitats.
 We will talk about habitable planets and how the moon affects our tides.
 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 be looking at the famous astronauts, Neil Armstrong, Buzz Aldrin, Michael Collins and more locally Tim Peake.
 We will be discussing space travel and the development of travel from the first explorers to current day.



Earth and Beyond

Autumn Term



Wow Start:

Mobile Planetarium

Fab Finish:

Rockets – STEM challenge

English

Role play: International space station

Non-fiction:

Recount of planetarium experience
 Information writing about Neil Armstrong/'One Giant Leap'
 Living in Space (Katie Daynes)
Fiction – Wishing Story - Beegu, The Man on the Moon, The Sea of Tranquility, character description, book review, instructions/recipe, postcard.

Poetry:

Alien poems
 Space poems (Gaby Morgan)



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).

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 at the beach, edit and enhance.
 Research using Espresso and Internet search engines to find out about space travel and present information.

We are Astronauts

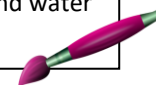
Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.
 Create and debug simple programs.
 Use logical reasoning to predict the behaviour of simple programs.

Art

Sculpture - Study Andy Goldsworthy. Use natural objects to create sculptures at Beach School.

Observational sketches - Sketch shells and use digital art to replicate pattern and texture.

Paint - Look at 'Starry Night' – by Van Gogh. Use acrylic paints and water colours to recreate effect.



RE

Belonging - Different rules and beliefs

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

