

A COSMIC JOURNEY

YEAR 6
SPRING 1 2023/24

PROJECT OVERVIEW

We kick off our 'Cosmic Journey' with children following their own line of enquiry about space exploration including the Apollo space mission and moon landing. Our class story will be 'Cosmic' by Frank Cottrell Boyce, which will be used as the stimulus for a variety of reading and writing tasks in English. We will also be spending time developing grammar, punctuation and spelling knowledge and skills in preparation for the forthcoming SATS.

ENGLISH

Children will begin by writing a diary based on the picture book, Way Home, enabling them to apply their writing skills to a new context. Our exciting class read, Cosmic, will inspire our space-themed writing this half term. We will explore the Solar System and create our own planet, writing about it in the style of our non-fiction text, The Story of Astronomy and Space. The poem, Silver by Walter De La Mere will inspire us to write our own moon poetry.

MATHS

We will begin by interpreting information from timetables and revising our understanding of fractions, decimals and percentages. This will include the equivalence of these, and learning how to find a % and fraction of a number. We will revise measures: equivalence, word problems and SATS style questions as well as furthering our understanding of angles: identifying, drawing measuring, estimating and comparing. Children will learn how to find missing angles in a variety of ways: on a straight line, around a point and opposite angles. Arithmetic skills will continue to be practised throughout the term to continue to consolidate prior learning.

SCIENCE

We are learning about the Earth in space. Children will be introduced to the solar system and will make predictions, and check their predictions through research. Children will find out how the spin of the planets relates to the length of their day and the distance from the sun to the length of their year. They will consider how we are able to collect this information when people have not visited the planets. The size and relative emptiness of the solar system will be explored through models and animations.

RE

Children will explore reasons why Christians read the Gospel by asking in various scenarios: 'What would Jesus do?' They will listen to and discuss several parables and relate it to their own lives. Children will consider what Christians and other people do to build good foundations for living.

GEOGRAPHY

In preparation for visiting The Brecon Beacons, children will explore the question 'Why is the Brecon Beacons so popular with walkers and why can this sometimes be too much of a good thing?' Children will locate and describe the Brecon Beacons before explaining why the popularity of Pen Y Fan can cause problems for the national park. Children will then reach a judgement about how effective they feel this type of management will be.

HISTORY

No history unit this half term

ART

No Art unit this half term

DT

The children will work in pairs to design and begin to build a model of a **fairground ride** mostly constructed in wood. The seats will hang from a pivot point created from either corflute, string, card or axel and drilled holes, rotating using a motor. This will be linked to a computer in the summer term using a Crumble board to operate our motors.

MUSIC

The children will listen to and appraise Carole King's 'You've Got a Friend', discussing the musical choices and the effect on the listener. Over the course of the term, they will learn how to play this piece on glockenspiels. We will also listen to extracts from Holst's Planets suite and discuss how the composer has used different themes to represent each planet.

FRENCH

In French this term children will complete a project of writing a description of a monster – they will learn the French for parts of the body, learn words to describe size and revise and learn colours. They will write a description of their monster, draw it, then give the description to someone else to draw. They will compare the two drawings.

COMPUTING

Children will continue their learning, writing a program for a game using Scratch software. They will learn to write precise algorithms and use a range of sequence, selection, variables, and repetition as required to implement their design. They will learn how to detect and correct errors within algorithms by decomposing code into sections.

PE

Netball skills will continue with a focus on applying new learning with greater accuracy and precision and we will learn to respond to an opponent's actions. In dance, children will become choreographers, developing ideas within a theme in pairs and groups. They will explore different formations, timings and dynamics to convey ideas, emotion, feelings and characters, leading to a final performance.

PSHE

Belonging to a Community:

Valuing diversity; challenging discrimination and stereo types.

Media Literacy and Digital Resilience:

Evaluating media sources; sharing things online safely and being aware of the risks involved.