

English

We will be using Talk 4 Writing to analyse texts and the techniques used. We will then use this to write texts:

Fiction: Losing tale and quest.

Non-Fiction: Non-chronological report and instruction writing

Grammar Focus: commas in lists, question marks, determiners, prepositions, modal verbs and subjunctive clauses.

Maths

Number and Place Value including negative numbers, rounding and powers of 10.

Addition and Subtraction including mentally and written column method.

Multiplication & Division including identifying factors, multiplying and dividing by 10, 100 and 1000, square numbers and written methods.

Statistics including sum and difference work with graphs and interpreting information.

Science

Earth and Space

We will be learning about:

Shapes and sizes of planets and stars

Why shadows change due to day & night

The orbit of Earth and other planets

The phases of the moon

The solar system and mans journey into space

Geography

We will use maps, grid references and compass points to locate areas where the Earth has moved.

We will learn about the Earths structure and tectonic plates.

Year 5 What if the Earth started to move?

History

We will look at events when the earth has moved and create a timeline to give extra information.

We will also look at earthquakes and volcanoes over time to test if the Earth moves more in recent times.

MFL

We will be exploring the Spanish culture and where in the world it is spoken. We will learn to count, greetings and simple phrases.

Computing

We will be learning about digital collaboration techniques using Office 365.

We will look at app design and development, including structures and the backend, looking at how this makes programs and apps work.

Art & DT

We will be learning different techniques for sketching, digital images and how to enhance them.

We will also explore designing secure structures.

PE

We will be learning the skills required to play invasion games, as well as looking at tactics. We will focus on defence, attack and how to read games and use space effectively.

Music

We will be learning how to listen and appraise different songs and genres of music.

We will also begin to learn chords and play along to songs, as well as experimenting with our own compositions.

Visits

We will hopefully arrange a visit to the University to talk about Earth movement, as well as a visit to a planetarium.

What if the Earth started to move?

Project Launch:

Reported Earth movement in Wallsend. What should we do?

SOLE questions linked:

How does the Earth move?
Is the Earth moving more now than before?
What should you do when the Earth starts to move?

Mini Outcome 1:

To create a video or presentation that explains how the Earth moves

Educational Visits and Outdoor Learning:

Skype to and expert on Earth movement

S.T.E.M Links:

Forces and mechanisms
Structures

Mini Outcome 2:

An interactive ebook which looks at if the Earth is moving more now

Key Texts:

Bear Grylls Adventures:
Earthquake Challenge
Volcano Challenge

Project Exhibition:

Mini Outcome 3:

Develop an app/website which shows what to do when the Earth moves