

English including Grammar

Film Clips: Pandora, Shadow of blue, The Planets

Class reader: Phoenix by SF Said

Writing to inform

Pandora planet non-chronological report

Aliens Newspaper report:

Volcanoes Explanation:

Writing to entertain:

Portal Story

Space Poetry

Sentence types: Imagine 3 examples (comma, colon :)

P.C sentences Ad same ad sentences Name person first sentences

Grammar:

Vary clause structure

Cohesive devices

Formal/informal

To use adverbs, preposition phrases and expanded noun phrases effectively to add detail and precision

ICT and Computing

Apple store visit

Manipulating Sound

Using Garageband to create, record, and edit jingles, soundscapes and adverts and import them into other apps and programs.

Year 5
Spring
Out of this world!



Mathematics including Arithmetic

Number

- interpret negative numbers in context
- round numbers to 1,000, 10,000 and 100,000
- read roman numerals to 1,000 (M) and recognise years in roman numerals

Addition and Subtraction

add and subtract numbers mentally with increasing large numbers

solving multi-step problems involving addition and subtraction

Measurements

- convert between units of metric measure (m and km, cm and m, mm and cm)
- measure and calculate the perimeter of composite rectilinear shapes
- calculate and compare the area of rectangles (including squares) using cm² and m².
- estimate volume and capacity
- solve problems converting units of time

Science

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky
- Recognize that light appears to travel in straight lines
Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

PE

Sports coaches

Art & DT

3D design- model volcanoes

Link to computing –build a futuristic space community using Shapr 3D

Create a working model about how the planets orbit

Art linked to space artist Peter Thorpe

Music

Notation and other elements of music.

Listen and respond to Holst's 'The Planets'

MFL

Lingotots-Spanish speaking and listening, conversations, basic sentence level work and vocabulary building

History & Geography

- Describe and understand key aspects of climate zones, biomes and vegetation belts.
- Use maps, atlases and globes to locate countries and describe features studied.
- Describe and understand key aspects of volcanoes

RE and PSHCE

Jigsaw: dreams and goals

RE: weekly celebrations

Focus Question: How do Christians and Buddhists express their faith in art, drama and song?