

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

Sketch up 3D design

Shapr3D

Year: 6

**Term: Spring
(Out of this world)**

Mathematics including Arithmetic

Number

Decimals and Percentages Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts solve problems involving the calculations of percentages (e.g. of measures) such as 15% of 360 and the use of percentages for comparison

Algebra Express missing number problems algebraically enumerate all possibilities of combinations of two variables

Ratio and proportion solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Measurement

Converting units

Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate

Area, perimeter, volume calculate the area of parallelograms and triangles calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm³) and cubic metres (m³) and extending to other units, such as mm³ and km³.

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

Build a model solar system using instellar app/paper mache

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?