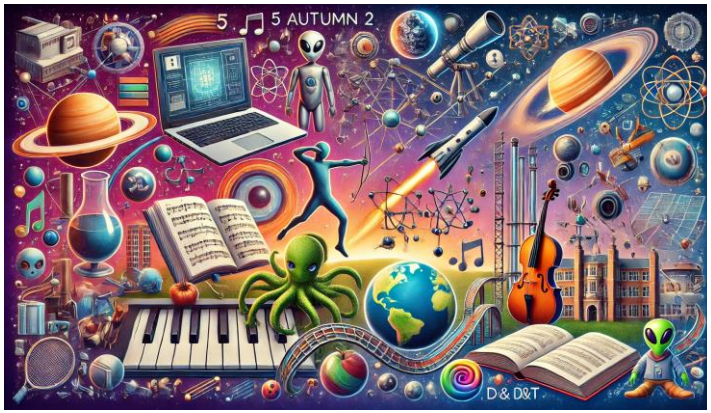
Is there life on Mars?
Year 5 – Autumn 2



MATHS

- Square and cube numbers
- Use inverse and rounding to check answers
- Compare calculations and find missing numbers through compensation.
- Multiply and divide by 10, 100 and 1000.
- Multiply 3 digit numbers by 2 digit numbers.
- Compare and order fractions
- Compare and order decimals
- Co-ordinates

ENGLISH

We will continue to use 'The Write Stuff' scheme of work to lead our English work this half term with the following units based on these texts:

- Narrative writing based on 'cosmic' by Frank Cottrell Boyce.
- Writing a transmission from an alien planet with reference to the film The Martian.

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
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

GEOGRAPHY

Orbital Images

- Compare Mars & Earth, Climate, Landscape Features

PHYSICAL EDUCATION

Real Gymnastics – Unit 1

- Use apparatus when creating gymnastic sequences
  - Use spotting aid to balance
  - Tighten muscles to enable controlled movements.
  - Listen to and take on others' opinions and then discuss the best way forward.

COMPUTING

Digital Foundations - develop understanding of:

- technology over time
- computer systems and networks
- organising files
- formatting tools
- keyboard shortcuts
- hyperlinks and common icons.

HISTORY

Space discoveries through time

- Galileo and early astronomers
- What was the cold war?
- The Space Race
- Significant Firsts – First Dog/Man/Woman/POC in Space
- Challenger disaster

FRENCH

All About Ourselves

- Includes naming body parts, describing how you look, fashion and describing feelings

ART AND D&T

Marbulous Structures

- pupils carry out a design and technology unit of work making structures which enable marbles to flow through them entitled 'Marbulous marbles'

JIGSAW - PSHE

Celebrating Differences

- Different cultures
- Racism
- Rumours and name calling
- Types of bullying
- Does money matter?

RE

- What does it mean to be persecuted for your religious or non-religious world view? Links to Jigsaw this half term.

Music

Classroom Jazz

- Focusing on the pieces Three Note Bossa and Five Note Swing. Children will learn to play the piece and perform it on glockenspiels