

## Expressive Arts

*Creative work combines knowledge and skills using the senses, inspiration and imagination.*

**Art– Printing**

**Music– Developing confidence in playing ukulele**

**PE– Gymnastics and games**

## Science and Technology

*Forces and energy determine the structure and dynamics of the Universe*

### **Earth and Space/Forces**

**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

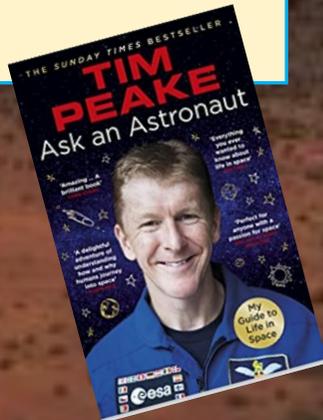
**Describe** the sun, Earth and moon as spherical bodies

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

**Explain** that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

**Identify** the effects of air resistance, water resistance and friction, that act between moving surfaces

**Recognise** that some mechanisms including levers, pulleys and gears allow a smaller



**Year 5/6**

**Term 2a**

## **Mission to Mars**

### Key Question:

Why is Space Exploration So Important?

### Sustainable goal:



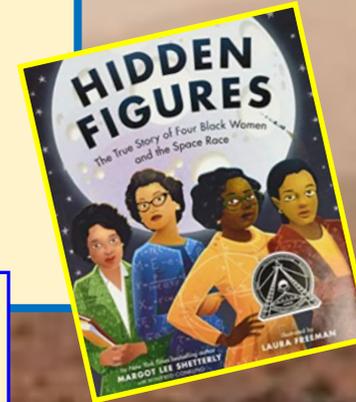
### Taking Action

Mixed Gender teams working in collaboration to create a Mars mobile buggy

## Computing

Coding

Scratch: Space game Mars Rover



## Literacy, Language and Communication

*Literature fires imaginations and inspires creativity.*

### Class novels:

Hidden Figures

Tim Peak—Ask an Astronaut

*Learners who listen and read effectively are prepared to learn throughout our lives.*

Opportunities to write and present through exploration of quality texts and talk for writing approach:

### **Writing to entertain -**

**Narrative:** The Journey/ Cosmic-description and building suspense

### **Writing to inform –**

**Biography:** Inspirational Space Explorer/Scientist

**Poetry:** Is There Life On Earth? - descriptive poem with rhyme, description and viewpoint

*Learning about identity and culture through languages prepares learners to be citizens of the world.*

### **Specialist lessons:**

EAL, French, German daily options

## Maths

*The number system is used to represent and compare relationships between numbers and quantities.*

**Fractions B** – multiply and divide, fractions of quantities

**Ratio and Algebra**

**Decimals and Percentages**

## DT

**Electrical Systems More complex switches and circuits**

Build A Mars Mobile Buggy

## Health and Well-being

*Our decision making impacts on the quality of our lives and the lives of others.*

### **Dreams and Goals**

*Hopes and Dreams, Resilience, Motivation*

**Forest School**