

**Engage:**

**Express:**

### Knowledge Outcomes

Planets in our solar system, including the Earth, orbit around the Sun.  
The Moon orbits the Earth, completing a full orbit every 28 days.  
The Sun, Earth and Moon are spherical in shape.  
The rotation of the Earth on its axis causes us to experience day and night cycles, with the Sun appearing to move across the sky.  
**Challenge:** The changing position of the Moon around the Earth causes different visible phases.  
The tilt of the Earth as it rotates and wobbles on its axis causes us to experience different seasons.

### Strength Lies in Difference

Understand the difference between being non-racist and an anti-racist.  
Become familiar with these key terms and understand their meaning: Discrimination, Wealthy, Society, Perception, Stereotype, Heritage, Ethnicity, Identity, Justice, Injustice

### Physical Development

**Dance:**  
Respond in the correct manner to commands  
Repeat some simple sequences of movements  
Learn to repeat more complex sequences of movements  
Respond to a stimulus using dance

**Handball:**

Develop ability to throw and catch effectively  
Throw and catch effectively within a game scenario

## Personal, Social and Emotional Development

### PSCHE: What jobs would we like?

Learn that there is a broad range of different jobs and people often have more than one during their careers and over their lifetime  
Know that some jobs are paid more than others and some may be voluntary (unpaid)  
Learn about the skills, attributes, qualifications and training needed for different jobs  
Know that there are different ways into jobs and careers, including college, apprenticeships and university  
Understand how people choose a career/job and what influences their decision, e.g. skills, interests and pay  
Learn how to question and challenge stereotypes about the types of jobs people can do  
Understand how they might choose a career/job for themselves when they are older, why they would choose it and what might influence their decisions  
Understand the difference between actively discriminating against a person and allowing it to happen  
Be familiar with inspirational and aspirational role models from a wide range of backgrounds and communities  
Understand the importance of being familiar with positive role models that are from a variety of backgrounds and experiences.

### R.E.: Hinduism – How can Brahman be everywhere and in everything?

Explain how values and qualities such as kindness or friendship can be shown in different aspects of my life whichever role I am playing.  
Make links between Hindu beliefs regarding Brahman and gods with how they choose to live their lives.  
Express my understanding of how Brahman can/cannot be in everything.

## SPRING TERM 1 Objectives Stargazers Science focus Year 5

### Languages

#### Healthy Eating

Recall nouns for fruits and vegetables. I can identify the gender of the noun.  
Recall and use numbers between 0 and 50 and I can ask for quantities of fruit and vegetables.  
Participate in a simple shopping dialogue at the market.

## Understanding of the World

### Geography: Skills and Fieldwork

Use maps, atlases, globes and digital mapping to locate countries and describe features studied

### History:

Study an aspect or theme in British history that extends pupils' chronological knowledge – space travel.

### Science: Earth and Space

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.

### Computing: iModel

Understand the difference between 2D and 3D shapes  
Become familiar with basic 3D modelling tools  
Understand that graphical models can easily be changed  
Use features of graphical modelling software to develop a 3D model  
To evaluate and improve 3D models

## English / Mathematics

*Please see the termly Success and Challenge cards.*

## Expressive Art and Design

### Art and Design: Sculpture

Plan and design a sculpture.  
Use tools and materials to carve and add shape.  
Develop cutting and joining skills, e.g. using wire, coils.  
Use wire and foil to create a 3D sculpture.

### Music: Singing

Place the voice with accuracy over a wider pitch range of one octave and beyond.  
Sing songs which contain wider jumps (intervals) in pitch.  
Explore different parts of the voice – 'head' and 'chest' – with growing control and awareness.  
Use an 'unbroken' singing tone, using one breath per melodic phrase.