

Science: Earth and Space

1. The planets
2. Spherical bodies
3. Movement of the planets
4. Movement of the moon
5. Day and night
6. Stages of the moon



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.

STEM Project:

STEM: How can I design my own NASA device?

Maths focus: Number

To use all four operations to solve problems involving measure, including scaling.

Dodgeball (Indoor)

- Week 1— Throwing**
To be able to complete throws at targets
- Week 2— Dodging and blocking**
To be able to develop throwing accuracy
- Week 3—Throwing Accuracy**
To be able to develop throwing accuracy
- Week 4—Catching**
To be able to catch different throws
- Week 5 - Tactics**
To be able to play tactically
- Week 6 - Gameplay**
To be able to set up a dodgeball tournament
- Week 7—Sports Week**
To compete in a chosen sport

Netball (Outdoor)

- Week 1 – remembrance week**
To take part in physical challenges like in WW2
- Week 2—Passing**
To be able to pass legally to another playing
- Week 3—Passing and receiving**
To be able to pass and receive the ball
- Week 4—Defending**
To be able to identify defensive positions in netball
- Week 5—Attacking**
To be able to identify attacking positions in netball
- Week 6—Shooting**
To be able to improve my shooting
- Week 7—Gameplay**
To be able to compete against others

Computing: Information Technology.

Presenting information Microsoft Office Word/Publisher
LO: To create a newspaper article about a new planet. I can show these Computing skills:
- format and justify text
- edit hyphenation options
- use tools to format text into columns
- cut and paste between applications.
- delete/insert and replace text
- make corrections using a range of tools (eg spell check, find and replace)
- use both hands when typing

Languages: Eating out in France

Have conversations linked with eating out and buying food.
Order food and drinks in cafés and restaurants, as well as how to ask for a table.
Practise some of the numbers covered in the Core Units by asking how much things cost and talking about different weights of fruit and veg.

History – famous people enquiry skills: astronomers

How significant were Galileo, Copernicus and Herschel in developing our knowledge of astronomy and the solar system?

Music & Art

Art- Painting Create a painting of a galaxy

Music: Ukulele

Experiences and Educational Visits:

- VR visit

Religious Education:

Theme:
Christmas
Concept: Incarnation
Key Question:
Is the Christmas story true?
Religion: Christianity

Mathematics

Week 1	Week 2	Week 3	Week 4
<p>Arithmetic: Missing numbers in number lines (powers of ten). GEOMETRY: ANGLES LO: To know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles To draw given angles, and measure them in degrees (°).</p>	<p>Arithmetic: Mental + and - PERIMETER AND AREA LO: To measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. To calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes.</p>	<p>Arithmetic: WRITTEN METHOD FOR X LO: To multiply numbers up to 4 digits by a one - or two-digit number using an efficient written method, including long multiplication for two-digit numbers.</p>	<p>WRITTEN METHOD FOR Division</p>
Week 5	Week 6	Week 7	Week 8
<p>Arithmetic: Addition and subtraction Word problems</p>	<p>Geometry To distinguish between regular and irregular polygons based on reasoning about equal sides and angles. (Must know the conventional markings for parallel lines and right angles). To use the properties of rectangles to deduce related facts and find missing lengths and angles. To identify 3D shapes including cubes and cuboids from 2D representations.</p>	<p>Statistics: Tables and bar charts To complete, read and interpret information in tables, including timetables. <i>Non-negotiable end points: Knows which representations of data are most appropriate and why.</i></p>	<p>Logic puzzles</p>

PSHE:
Celebrating Differences
Why is racism and other forms of discrimination unkind?



Reading

Week 1	Week 2	Week 3	Week 4
V	E	I	V
<p>Texts: Sun, Earth and Moon (HS) Planetary facts (HS) LO: To use an applying knowledge of root words.</p>	<p>Text: Dr Maggie's Grand tour LO: Identifying how language, structure and presentation contribute to meaning</p>	<p>Texts: Fiction. Newspaper reports LO: To make inferences about characters and plot</p>	<p>Texts: Alien character descriptions LO: I can use the context of the text to check the meaning of unfamiliar words</p>
Week 5	Week 6	Week 7	
S	R	S	
<p>Texts: Non-fiction First woman in space (HS) (Valentina Tereshkova) LO: To summarise main ideas from more than one paragraph.</p>	<p>Texts Non-fiction Fact or Opinion Pluto and new horizons (HS) Eclipse of the sun. LO: To retrieve key details from a passage</p>	<p>Texts: The moon poem (HS) LO: I can summarise the main ideas drawn from more than one paragraph.</p>	

Writing

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<p>Writing focus – non fiction Write a detailed fact file about our Solar system</p>	<p>Writing focus: Informative Poster Create a poster (Living on a space station, astronaut skills, a star or a planet).</p>	<p>Writing Focus: Newspaper report Discovery of own planet. Draft in books and edit on laptops weekly. (Information Technology)</p>	<p>Writing Focus: Write a narrative set on the moon Pandora. Video stimulus. Humans must retrieve the mineral 'unobtainium' from Pandora.</p>		<p>Writing Focus: Narrative Alien description - a creature from the moon - pandora. Include artwork.</p>	<p>Writing Focus: Poetry Art: globe Use inks 2 colours max. Silver dots</p>
SPAG Focus: Sub headings Cohesive devices	SPAG Focus: Apostrophes for possession	SPAG Focus: -tion spellings Reported speech.- within R4W	SPAG Focus: Expanded noun phrases	SPAG Focus: Punctuation Curriculum recovery	SPAG Focus: Fronted adverbial of time, place, manner, degree.	SPAG Focus: Similes and metaphors- The moon poem
Spelling Focus: Spelling frame Rule 26	Spelling frame Rule 27	Spelling frame Rule 28	Spelling frame Rule 29	Spelling frame Rule 30	Spelling frame Rule 31	Spelling frame Rule 32