

YEAR 5

	EFYS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
EARTH AND SPACE PHYSICS	<p>The three Prime ELGs of Communication & Language, PSED and Physical Development provide the foundations of which all other learning is built upon.</p> <p>Specific: The Natural World ELG</p> <p>Explore the natural world around them, making observations</p> <p>Understand some important processes and changes in the natural world around them</p>					<p>Describe the movement of the Earth and other planets relative to the sun in the solar system</p> <p>Describe the movement of the moon relative to the Earth</p> <p>Describe the sun, Earth and moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p>	

EARTH AND SPACE COMPOSITES

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

COMPONENTS

	1	2	3	4	5	6	End Point
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	What are the names and sizes of the planets in the solar system?	Why is there day and night?	How do planets move?	How does the moon move?	What happens during the lunar cycle?	How can I make a shadow clock to show the beginning, middle and end of the day?	Children will be able to describe the movement of the Earth, Planets and Moon in relation to the sun and the effect this has.
CONCEPTS 	EARTH AND SPACE	EARTH AND SPACE	EARTH AND SPACE	EARTH AND SPACE	EARTH AND SPACE	EARTH AND SPACE	Understand the different features of space
SKILLS	Describe the movement of the Earth and other planets relative to the sun in the solar system 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	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	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	Describe the sun, moon, and planets and how they move
KNOWLEDGE Science Knowledge Organiser: Earth and Space Year 5	There are different planets which are different sizes.	Day and Night is created by the Earth's rotation.	The Earth and other planets move in relation to the Sun	The moon moves in relation to the Earth	The moon moves in relation to the Earth creating a lunar cycle.	The Earth's rotation creates shadows which move throughout the day.	Different effects happen due to the movement of the Earth and Moon.
LESSON LINK	MTP Term 5	MTP Term 5	MTP Term 5	MTP Term 5	MTP Term 5	MTP Term 5	
PROGRESSIVE VOCABULARY	Solar System Earth planet Moon movement spherical body	Earth rotation day night Sun	Solar System Earth planet movement	Moon Earth movement spherical body	Moon Earth movement lunar cycle phases spherical body	Moon Earth movement shadow	Articulate and recognise subject specific vocabulary.
CURRICULUM EXPERIENCES						Creating working sundials	Planetarium Experience
END POINT	Children will be able to name the planets in our solar system	Children will know how the rotation of the earth creates night and day.	Children will be able to describe the movement of the planets in or solar system	Children will be able to describe how the moon moves.	Children will be able to describe the lunar cycle and how it is created.	Children will be able to describe how the movement of the Earth can help measure the passing of time.	

BIRCHINGTON



CHURCH OF ENGLAND PRIMARY