



I Can Statement - Year 5

Earth Moon and Space

Unit/Topic Overview	Pre-taught Vocabulary	
This topic introduces the relationship between the Earth, Moon, and our wider solar system, exploring how these celestial bodies interact. The Earth rotates on its axis and creates the daily cycle of day and night, and how its year-long orbit around the Sun shapes the changing seasons. By tracking the Sun's apparent movement across the sky, we will investigate how shadows predictably change in length and direction throughout the day. We will investigate the Moon and its orbit to uncover the science behind its different phases.	Orbit	Rotation
	Axis	Gravity
	Hemisphere	Tilt
	Seasons	Phases
	Planet	Sphere

RAG Rating:		Start	End
1.	I can describe the movement of the Earth and other planets relative to the Sun in the solar system.		
2.	I can describe the movement of the Moon relative to the Earth.		
3.	I can describe the Sun, Earth, and Moon as approximately spherical bodies.		
4.	I can explain how the Earth's rotation on its axis causes day and night.		
5.	I can describe how the apparent movement of the Sun across the sky is linked to the Earth's rotation.		
6.	I can explain how the Earth's orbit around the Sun relates to the concept of a year.		
7.	I can identify and name the planets in the solar system and recognise their order from the Sun.		
8.	I can explain why the Moon appears to change shape (phases of the Moon).		
9.	I can use models or diagrams to represent the Earth, Moon, and Sun system.		
10.	I can use appropriate scientific vocabulary (e.g., orbit, rotate, axis, solar system) to explain their understanding of space.		