



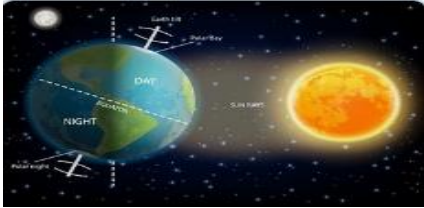
HOLY NAME
CATHOLIC VOLUNTARY
ACADEMY

Year 5 Science

Where in space do we live and how do these celestial bodies move?

Retrieval	New Learning
- There are 4 seasons on Earth - The length of the day varies in each season - The weather is warmer in the summer and colder in the winter - That a shadow is created when light is blocked by an object	-What is our solar system? How large are the planets and how far apart? -What evidence is there that we live in a heliocentric solar system? (review) -What would a scale model of the Earth, Sun and Moon look like? (do) -How is day and night created on Earth? (review)

Key Vocabulary	Definition	Scientific Enquiry Skills
orbit	A repeating path that one celestial body (Sun, Moon or planet) takes around another	
Sun	The star which the planets orbit around	
Moon	A satellite of the Earth which reflects the sun's light	
Earth	The planet which we live on	
planets	There are 8 planets in our solar system (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune),	
spherical	A round 3D shape, like a football	
Solar System	The solar system is made of the eight planets that orbit our sun; it is also made up of asteroids, comets, moons and much more	
rotate	Move around in circles on an axis	
star	A large spherical ball of burning gas	

Beyond the Curriculum		
- Create a Moon diary- draw the shape of the moon each night for a month. What do you notice? -Visit an observatory or look at the night sky yourself. Can you use an app to find the different constellations?		Catholic Social Teaching:  Caring for God's gifts Stewardship Virtues to live by: Thankfulness