

Summer 2: Science – How Does Day Turn Into Night? (Science: Earth and Space)

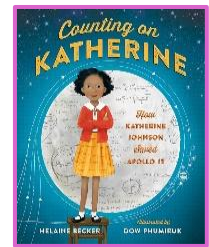
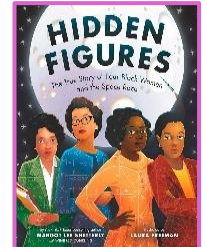
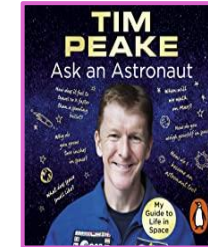
Subject Specific Vocabulary	
terrestrial planet	Planets made predominantly of rock: Mercury, Venus, Earth, Mars
gas giant	Planets made predominantly of gas: Jupiter, Saturn
ice giant	Planets made predominantly of ice: Uranus, Neptune
solar system	The collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.
celestial body	Positioned in or relating to the sky, or outer space as observed in astronomy.
sphere/spherical	A round solid figure, or its surface, with every point on its surface equidistant from its centre.
rotate/rotation	To move or cause to move in a circle round an axis or centre.
orbit	The curved path of a celestial object or spacecraft round a star, planet, or moon.
geocentric model	A model of the solar system with the Earth at the centre.
heliocentric model	A model of the solar system with the sun at the centre.
axis	An imaginary line about which a body rotates.
gnomon	A shadow maker.



Sticky Knowledge about Earth and Space

- ☐ Know about and explain the movement of the Earth and other planets relative to the Sun
- ☐ Know about and explain the movement of the Moon relative to the Earth
- ☐ Know and demonstrate how night and day are created
- ☐ Describe the Sun, Earth and Moon (using the term spherical)

Exciting Books



What causes day and night, and how does the Earth's movement affect what we see in the sky?

