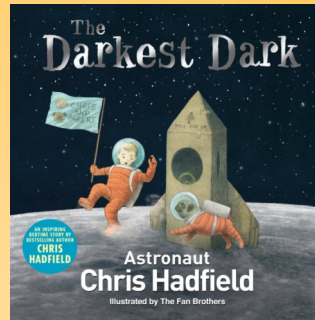


Light and Dark

Knowledge Organiser Apple Class (EYFS)

What should I already know?

Talks about and asks questions about aspects of their familiar world such as the place where they live or the natural world.



Christ Hadfield—Astronaut

“As a child I was scared of the dark but after watching the first Moon landing, I had a dream to be an astronaut. Guess what? My dream came true!!”



Key Questions and Lesson focus

The Sun

The Sun provides us with the heat and light needed to power planet Earth. We will learn more about this powerful light source and why we need the Sun.



Light Sources

What other light sources do we use in our everyday lives? Where do we get the power from to turn on lights and torches?

Shadows

We will learn that shadows form when something is blocking out the light.



We will have fun making shadow art!

Reflective Materials

What makes a material reflective? We will investigate and sort different materials to design a coat suitable to wear at night! [#Roadsafetyweek](#)

The Moon

We will step into the moon boots of the very first Astronaut to land on the Moon—Neil Armstrong. We will learn about space travel and the Moon's surface. What is gravity? How is the Moon different to Earth?

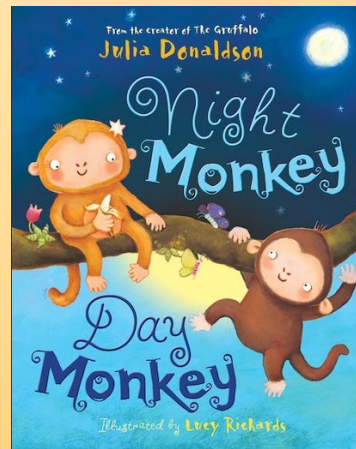
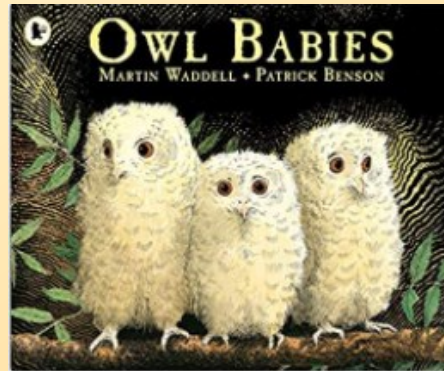
Christmas Lights

We will learn about the Symbolism of lights during the Christmas time for Christians and other faiths.



Light and Dark

This term we are learning about the different sources of light and how we have daylight and night time. We will venture first into our woodland to discover the animals that come out in the day and those that are nocturnal. We will then journey to the moon and outer space to explore the world beyond Earth.



We will learn about how light is a powerful symbol within the Hindu festival 'Diwali' and for Christians during Advent and Christmas.



'Hope is being able to see that there is LIGHT despite all the darkness.'
Desmond Tutu

Knowledge Organiser Apple Class (EYFS)

Vocabulary	Definition
Sun	The Sun is a star found at the centre of our solar system. It gives Earth heat and light.
Gravity	Earth's gravity is what keeps you on the ground and what causes objects to fall.
The Moon	The is a rocky and dusty place. It is Earth's natural satellite.
Nocturnal	Nocturnal animals are active during the night time and sleep in the day.
Shadow	A shadow is formed when something blocks the light.
Silhouette	A shadow's outline is called an silhouette.
Reflective	A reflective material is often smooth and shiny. It reflects the light.
Electricity	Electricity is a form of energy. It can power things such as torches and light bulbs.