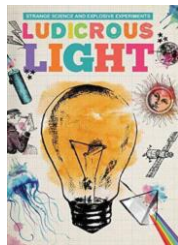
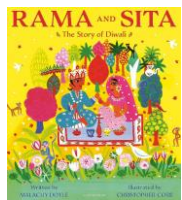


Light Knowledge Mat

Subject-Specific Vocabulary

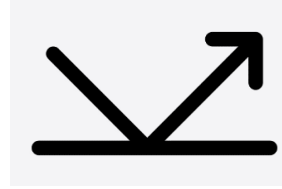
Light source	Something that provides light.
Reflect	Bounces off (e.g. light reflects from a mirror).
Shadow	The dark space left when something blocks the light.
Opaque	When light will not pass through an object.
Translucent	Some light passes through. The light is scattered so you can't see clearly through it.
Transparent	All light passes through and you can see clearly through it.
Protect	To defend or keep safe from danger or harm.
Diwali	The Hindu festival of light.
Celebrate	To make special, or honour, with gifts or activities.
Landmark	An object or feature of a landscape or town that is easily seen and recognised from a distance, especially one that helps someone establish their location.

Our
Texts



Concept: Community

Enquiry question: What are the similarities between different communities in Derby?



reflect



shadow



Light source

Key Knowledge

Followers of the Hindu faith celebrate Diwali each year. This is the festival of light. It commemorates the victory of light over darkness, good over evil and the human ability to overcome difficulty.

Celebrations are important to all major world religions. Diwali (Hindu and Sikh), Ramadan (Muslim) Christmas and Easter (Christian) are some examples.

Areas of Derby (such as Normanton) include a range of religious buildings used for worship such as the Hindu Temple and the Sikh Gurdwara.

Light sources can be natural or man-made (artificial). Natural light sources happen *without* human input (e.g. the Sun, stars, lightning, some jellyfish, fireflies). Man-made (artificial) light sources happen *with* human input (e.g. light bulbs, an oil lamp, candles).

Shadows are formed when something blocks the light. If the object is opaque, all of the light will be blocked.

Light can be helpful to us (allowing us to see and also as a source of Vitamin D) but can also be dangerous to our skin and eyes. It is important to use sun cream and also to protect our eyes with sunglasses. We should never look directly at the sun.



Diwali



Derby Hindu Temple