

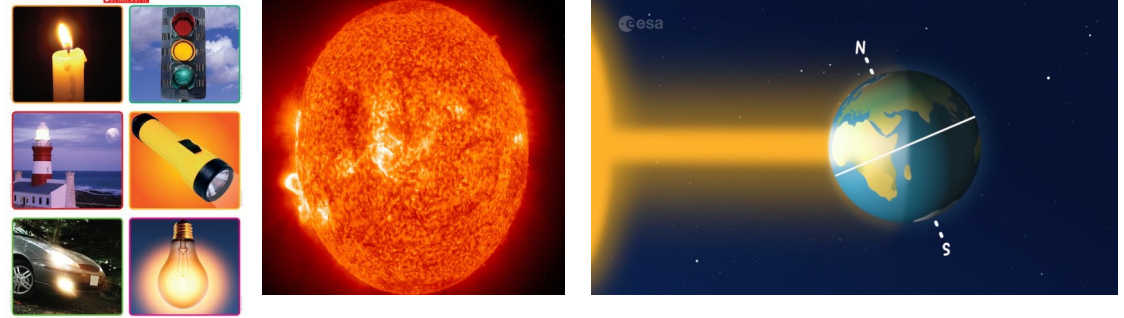
Brentside Knowledge Organiser - Science

Year: 1	Topic: Why does it darker earlier in the Winter?	National curriculum: observe and describe weather associated with the seasons and how day length varies.
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What I should already know:

They should know features of their own immediate environment and how environments vary from one another.

Diagrams:



What I should know at the end of the topic:

	I can identify different light sources.
	I understand that light cannot pass through some materials and that is how shadows are created.
	I understand that the Sun is important to us because it provides heat and light.
	I can explain that the Earth rotates on its axis, giving us night and day.
	I can identify objects that reflect light.
	I understand and identify nocturnal animals.

Investigate:

Can you name some different light sources?
Can you explain how day changes to night?
What happens to the temperature at night?

Vocabulary

Night	The hours of darkness between sunrise and sunset.
Sun	A star in the middle of the solar system.
Light source	An object which produces light.
Reflectors	An object that throws back heat, or light.
Shadows	A dark image that appears when something blocks the light.
Axis	The line that runs through the centre of the Earth.
Rotate	To move in a circle.
Transparent	Something that is clear and lets light pass through.
Silhouette	An outline of an object.
Nocturnal Animals	Animals that are active at night.