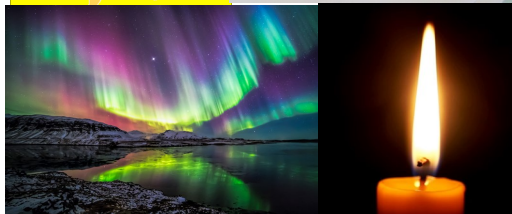
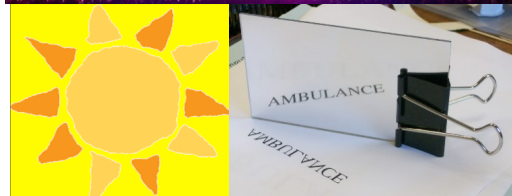


# Y3 Light Fantastic



## Key Learning Objectives:

- Recognise that they need light in order to see things and that dark is the absence of light.
- Notice that light is reflected from surfaces.
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.
- Recognise that shadows are formed when the light from a source is blocked by an opaque object.
- Find patterns in the way that the size of shadows change.

## How you can help at home:

- Discuss natural phenomena like the polar lights and bioluminescence.
- Discuss sun safety
- Discuss use of blackout curtains.
- Observe shadows changing shape over the day in the sun
- Make a sun dial

## Key Vocabulary

	Definition
light	A form of energy that stimulates sight and makes things visible.
source	A place, person, or thing from which something originates or can be obtained.
luminous	Emitting light; bright or shining.
reflect	When light bounces off objects so they can be seen.
natural	Existing in or derived from nature; not made or caused by humankind.
artificial	Man- made or produced by human beings rather than occurring naturally.
shadow	A dark area or shape produced when light is blocked by an object.
opaque	A material that does not let light through.
translucent	A material allowing some light, but not detailed shapes, to pass through.
transparent	A material allowing all light to pass through so that objects behind can be distinctly seen.