

Geography

To **locate** the world's countries using maps.
To **explore** different time zones (including day and night) around the world.

Skills

To accurately **measure** and **compare** the length of my shadow at different times in the day.
To **produce** a bar chart to show how the length of my shadow changes?
To **convince** people to protect their eyes from the sun?
To **prepare** poems and play-scripts to read aloud and perform to an audience.



Computing

To **learn** how email works.
To send email safely.
To work collaboratively with a remote partner.

Hook: Sleep over

What would the world be like without light?

Homework/ wider opportunities

- To explore reflective materials in the home
- To send emails to a family member

The Arts

To **compare** the work of different Impressionist artists to understand how they painted light
To **use** different grades of pencil to show different tones.

Can we **explain** how shadows are made?
Can I **examine** how and why shadows change in shape and size?
Can I **discover** which countries are asleep when we are awake?
Can we **convince** people not to look at the sun?
Can we **design** and **make** shadow puppets?
Can I **create** poems and stories about light and dark?

DT

To **analyse** existing shadow puppets and generate my own ideas in response.

To **design** and **make** a shadow puppet with a moveable mechanism.

Science

To **test** whether we need light to see
To **experiment** and **examine** how light is reflected
To **explain** why light from the sun is dangerous
To **discover** and **explain** how shadows are formed
To **examine** through investigation, whether there are patterns in the size and shape of shadows

SMSC

To **explore** ways I can light up someone's life (Friendship week)
To **compare** how important light is in different religions