

* 3.2. Making shadows

A **shadow** is made when an object blocks light.



3.3. Day and night

Light from the Sun comes to the Earth.

Some of the Earth is in the light but some of the Earth is in the dark.



The Earth **spins** so all parts of the Earth have time in the light and time in the dark.

We call these times **day** and **night**.

The Earth is like a spinning ball!

The boys have made a model to show day and night.

The ball is planet Earth and the torch is the Sun. day & night



- Is it day or night at the X? day
- What will happen to the X as the boys slowly turn the ball in the direction of the arrow? it's night in X

Think about it!

- If the Earth did not spin, what would happen to day and night if you lived on the dark side?