

UNIT 5: MATTER AND ENERGY

LIGHT

What is light? How shadows are formed? Let's see!

<https://youtu.be/uD3XdIWPHXE>

LIGHT is a form of energy.

– We can see when:

- an object gives off its **own light**.
- an object **reflects** light into our eyes.

– Objects that give off light are called **sources of light**.

– These sources can be:

- ◆ Natural: **the Sun, the stars and fire**.
- ◆ Artificial: **a lamp, a torch and a candle**.

– How are **SHADOWS** formed?

A shadow is formed when **an object blocks the light**.

– Size of the shadows:

- ✘ If we move the light **closer** to the object, the shadow is **bigger**.
- ✘ If we move the light **further** from the object, the shadow is **smaller**.

→ **ELECTRICITY:**

<https://youtu.be/YLSVq-moKrs>

1. Draw and label a simple **electric circuit.**

