Light



Light Emitting Diode (LED) Bulb



Sun



Flashlight



Candle

Light makes change. Light is energy.

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Light
TEACHER

Light Is Energy

We use **light energy** every day. We use it to see things. Without light, our lives would be very different.

We use light energy for more than seeing. The energy in light helps plants grow. Doctors use special light to help in surgery. We can also use light to make products and electricity.

What is light? Light is energy that travels in **waves**. All the energy we get from the sun travels in waves or **rays**. Some of that energy is in light waves we can see—it is **visible light**.

Discussion Questions

1. How do the things in the pictures (on page 8) make light?
2. Why is light important to us?
3. What other things make light?
4. How is the light from the moon produced? *(Sunlight is reflected from the surface of the moon.)*
5. What is life like at home at night when the power goes off and you have no light?

Activities

1. Have the students close their eyes and imagine a world without light.
2. Turn down the lights in stages (and close the blinds) and notice the effect on what you can see.