

Sources of Light

Discussion Questions:

- 1) What things emit light in our world?
- 2) What are natural sources of light?
- 3) What are man-made sources of light?

Sources of light: The Sun

The main source of light on our planet is the Sun.

The Sun is a star made mainly of hydrogen and helium.

It constantly emits heat and light.

The light that radiates from the Sun reaches us in 8 minutes.



Sources of Light: The Moon

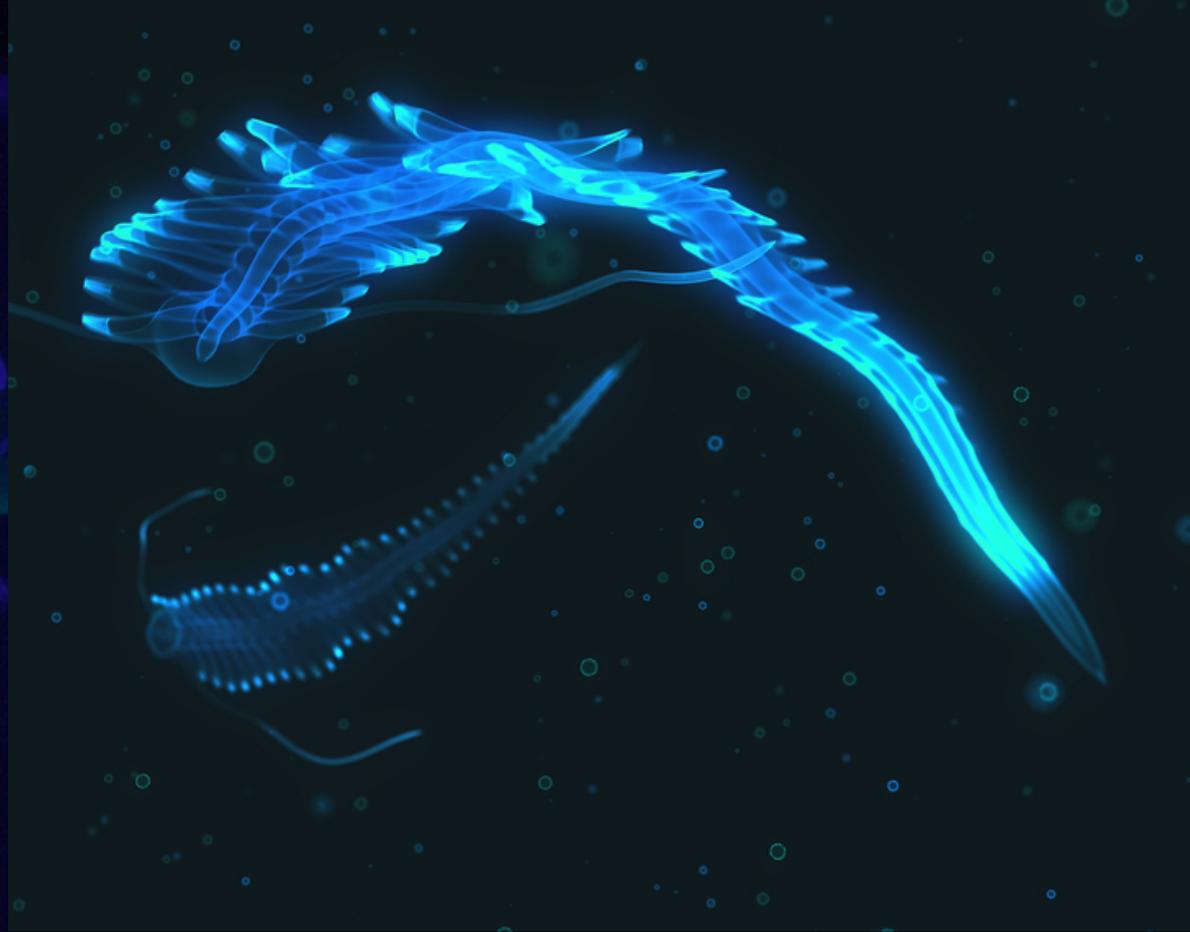
We do see the light of the Moon at night...

But did you know that the Moon does not emit any light?

What you see is the light of the Sun reflecting off the face of the Moon!

The light of the Sun is a natural form of light.





Sources of light: Bioluminescence

Some animals produce their own natural sources of light. Some insects and sea creatures have the ability to glow. We call this type of light *bioluminescent* light.

Sources of light:

Fire

Fire produces a soft glowing light. It can occur naturally, sparked by a lightning strike. It was the first source of light that early man used to help them see at night.



Sources of light:

Man made

People have thought of very inventive ways to produce light. The first inventions produced light by burning things like wood, candles and gas. Today we have electric lights. Even the computer screen you are looking at now gives off light. What appliances in your school or home produce light?

