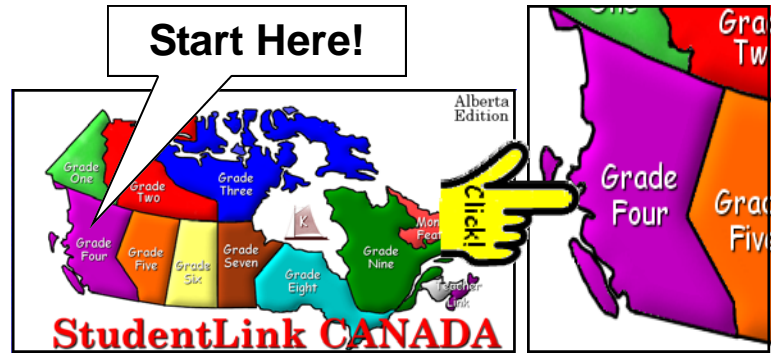


Student Link

Lesson Activity for Grade 4 (Science: Optics for Kids)

Student Name: _____

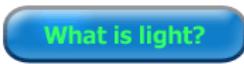
1. It's around us all the time and without it, we wouldn't be able to see anything. Can you guess what it is? It's light! Light allows us to see and we can harness its unique properties to do so many other things!
Let's explore the properties of light...Let's get started!



2.



3.



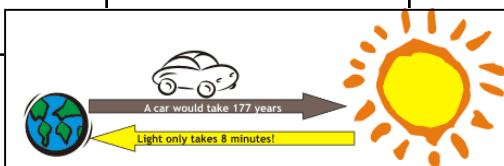
Let's learn about the basics of light by reading through the web page and answering some questions...

4.

Light is called **Electromagnetic Radiation**. Can you name some products where we might find radio waves, x-rays and microwaves?



Humans haven't yet figured out how to travel **faster than light**, but we have been able to travel faster than something else. Do you know what that is?



Student Name: _____

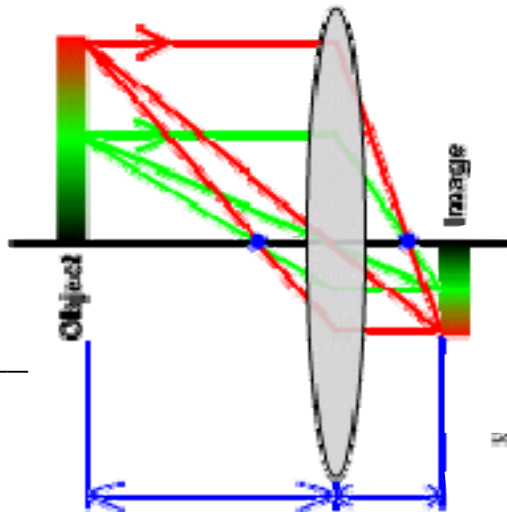
5.

There are three ways to **control light**, *block it*, *bend it* and *reflect it*.

Can you name something that *blocks* light?

Can you name something that *bends* light?

Can you name something that *reflects* light?



6. Every once in a while on Earth when a certain event happens, the sun doesn't shine (and it has nothing to do with clouds). What is this event called?

7. Try the activity at the bottom of the page. Try to guess what the object is before you reveal the answer.

At the end of the activity, there is a list of several items that use light in some way. Can you think of three more to add to the list?

1. _____
2. _____

activity Put your mouse over the following images to see what they are.