

The Simple Science of

LIGHT

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Delightful Light

Your shadow plays on a sunny day.
Water sparkles and shines. At a storm's
end, a rainbow bends.



Wherever you look, light dazzles and dances. It makes wonderful shapes and colors.

Light lets you see things. The brighter the light, the more you can see. Without light, you cannot see anything.





You see an object when light bounces off it. Do you sometimes see shadows and shapes in a dark room? If so, a bit of light is sneaking in!

Make a Rainbow!

Rainbows are amazing! They are full of color and seem to appear out of nowhere.

Try this fun activity to see if you can make your very own rainbow!

What You Need:

a bowl a small mirror
water white paper

What You Do:

- Fill a bowl with water and put it in a sunny spot.
- Place a mirror in the bowl, with its shiny side facing the sunlight. Be careful not to look at the sun in the mirror!
- Lean the mirror against one side of the bowl so it is standing up. (If it won't stand by itself, hold it with your hands.)
- Have a friend hold a piece of white paper outside the bowl, across from the mirror.
- What do you see on the white paper? How did it get there? Try tilting the mirror a bit. What happens?

