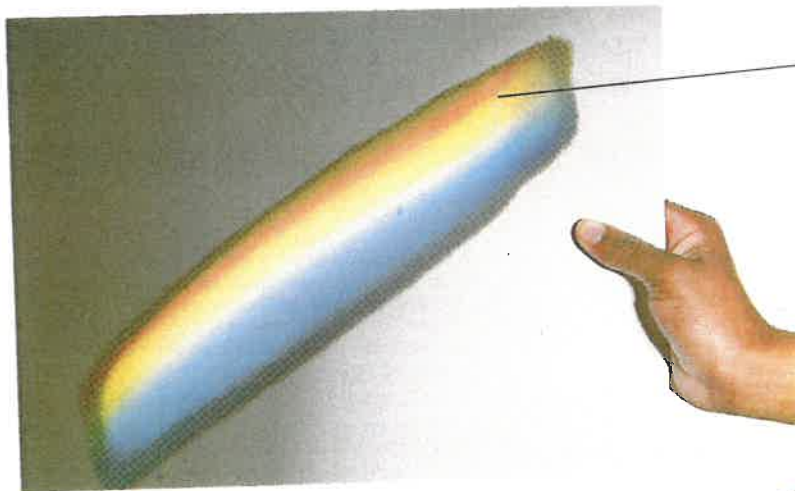
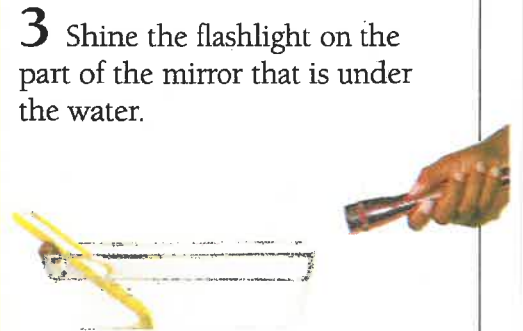
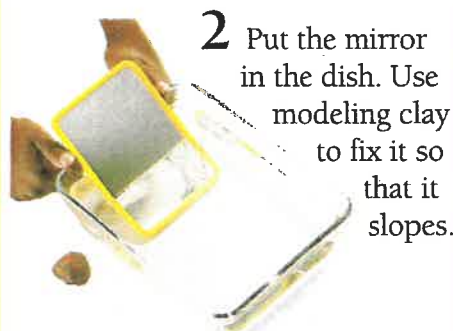
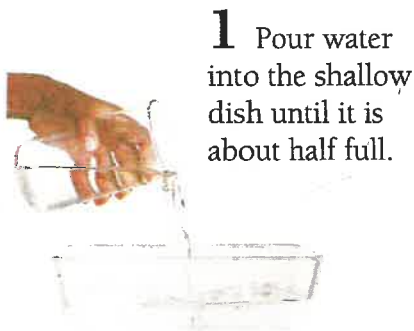
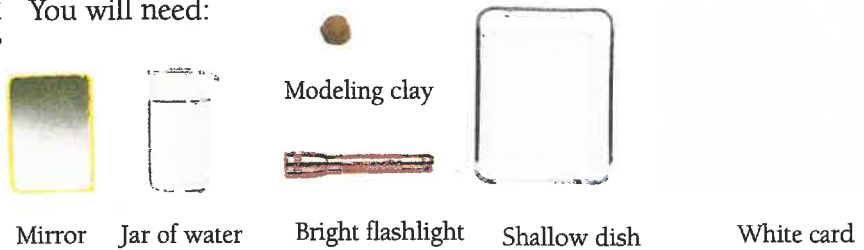


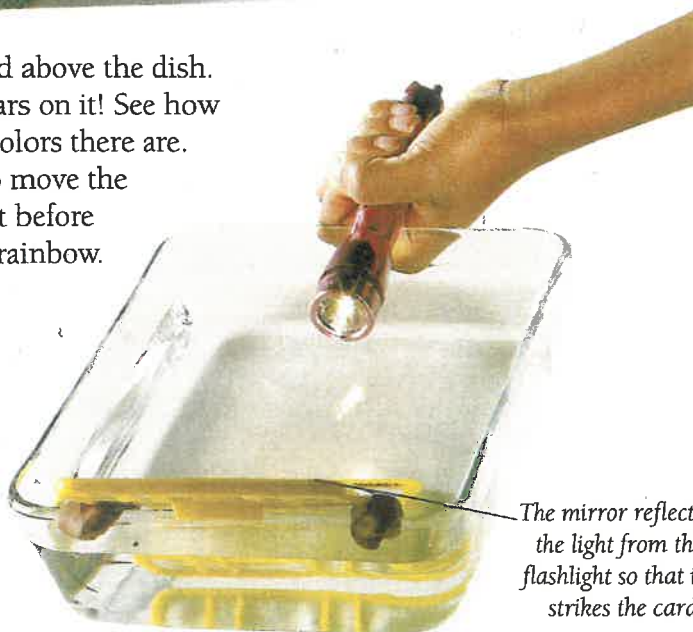
39 Make a rainbow

You can see a rainbow without having to wait for rain. "White" or colorless light is in fact a mixture of all colors of the rainbow. Water can split this light into these colors.



As the white light from the flashlight enters and leaves the water, it splits up into bands of color.

4 Hold the card above the dish. A rainbow appears on it! See how many different colors there are. You may have to move the card or flashlight before you can see the rainbow.



Inside a rainbow

When you see a rainbow, you are seeing rays of light from the Sun. These rays of white light have been reflected by the drops of rain, which makes them split up into all the colors of the rainbow.

