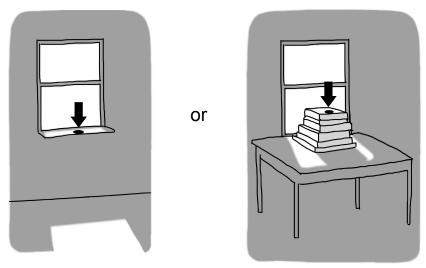
Chasing Rainbows

Getting Ready

Do this page first.

 Your teacher has a sunny place picked out for you to put your cup, like on a windowsill or on a stack of books by a window.
Put the cup where you see the arrow in these drawings.



- 2. Can you find the shadow of your cup? If you don't see the cup's shadow, move the cup until you do.
- 3. Your teacher will add water to the cup. As the cup fills, everyone watch for wiggling lines of light and put your white paper where those lines are.
- 4. If no one saw any wiggling lines, stir the water with your finger and keep looking. You'll find them!
- 5. Go on to page 2.



Chasing Rainbows: What Do You See?

Set up your experiment and then do this page.

- 6. Talk with your group about what you see on your paper when the water in the cup stops moving.
- 7. Try these experiments:
 - Can you catch the rainbow colors on your card?
 - Without touching the cup, can you make the colors disappear?
 - Can you make the colors brighter? (Hint: colors made of light are brightest when they are in a shadow.)
- 8. Draw a picture of what you see on the paper. Use your colored pencils or crayons. If you need more space, use the back of this page. Label the colors you see.



