

THROUGH THE LOOKING GLASS THROUGH THE LOOKING GLASS

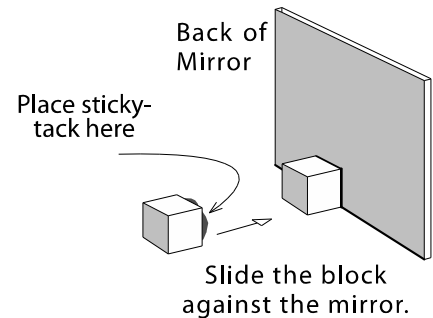


What you need is a mirror
and a wooden block to hold it up so
the words will all be right
and the words will be right.

(in the Looking Glass) Alice -

What You Need: 1 mirror, 1 wooden block, a bit of sticky-tack, and this lesson sheet. (Sticky-tack is the reusable adhesive in the small bag. It looks kind of like clay.)

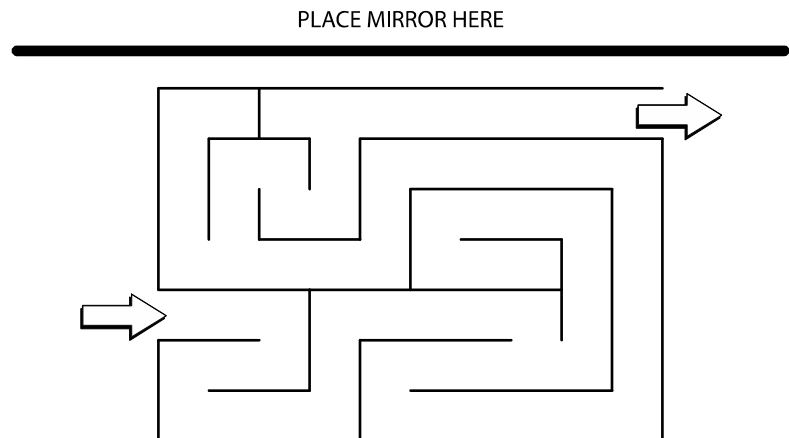
What To Do: First, peel off the protective coverings from the mirrors. Using a little bit of sticky-tack, attach the mirror to the block so the mirror will stand straight up against the block.



Now you're ready for some reflection experiments!

Mirror Maze:

Guiding yourself only by the reflection in the mirror, use a pencil to draw your way through the maze.



Remember! Don't look at the maze.
Only look at the **reflection** of the maze.

Sign Under the Dotted Line

Now try printing your NAME so it comes out looking correct in the mirror instead of on the paper.

Use the mirror to watch what you are doing, just like you did with the maze.

PLACE MIRROR HERE

FIRST NAME

SECOND NAME

Try These!

PLACE MIRROR HERE

CHOICE OXIDE MATERIALS

PLACE MIRROR HERE

**M
A
X
I
M
U
M**

**R
E
V
E
R
S
A
L**

What strange things do you notice about these words when you look in the mirror? Record your observations here:

Draw Your Own Conclusions: Why do you think the words appear to behave differently? Does it have anything to do with the color of the letters? How do you know?
[Hint: Experiment with the words. Maybe use colored pencils.]