

## How does light travel?

Name \_\_\_\_\_ Date \_\_\_\_\_

### Predict (1)

If the holes are lined up straight then \_\_\_\_\_

\_\_\_\_\_

Because \_\_\_\_\_

\_\_\_\_\_

### Observe

What did you observe happening when the light was shone through the first card?  
(Include a labelled diagram).

What did you observe when the string was threaded through the holes?

### Predict (2)

If the holes are not in a straight line then \_\_\_\_\_

Because \_\_\_\_\_

### Observe

What did you **observe** happening when the light was shone through the first card?  
(Include a labelled diagram.)

What did you **observe** when the string was threaded through the holes?

### Explain

Explain what your observations tell you about how light travels.