

Mirrors and Reflections

Name: _____

Mirrors and Reflections

• A mirror is a reflecting surface that forms an image of an object when light rays coming from that object fall upon it.



• Ancient Greeks and Romans used a disk of metal with a highly polished face as a mirror.

• Only a few “large brained” animals can recognize themselves in a mirror.

• Mirrors are used in telescopes, industrial machinery, cameras and lasers.

• There are many superstitions surrounding mirrors. Breaking a mirror is said to bring seven years bad luck.

Do you know any more facts about mirrors?

Questions to Reflect Upon...

How are mirrors used in a disco ball and a kaleidoscope?



In what famous palace would you find the “Hall of Mirrors”?

Who was Narcissus in Greek mythology?

How are mirrors used in cars?

In the fairy tale “Snow White”, what does the evil queen ask the mirror? What does the mirror reply?

Reflected Writing

Write a sentence backwards on a piece of paper, then hold the paper in front of a mirror.

Can you read it now?

Write your name (in any style) and draw a mirror reflection.

Use this as a stimulus to create an interesting design.

Peter
Beter

Writing a Narrative

Imagine that you have just found a “Magic Mirror”.

Write a short narrative (story) about this “Magic Mirror”.

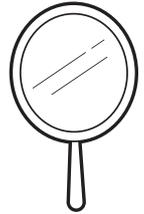
Plan before you write.

Who are the main characters?

Where is the story taking place?

What events happen?

How does the story end?



Mirror (reflection) Symmetry

If you can fold a shape on a line (or axis) of symmetry, the two halves are identical. The two halves are each other’s mirror image.



Draw each letter of the alphabet as a capital letter.

On which letters can you draw at least one line of symmetry?