Name _____

Daily Science

Big Idea 5

WEEK 4

Day 3

Weekly Question

How do mirrors work?

Sometimes we see our reflection in windows or other glass objects, even though glass is transparent. How is this possible? Well, nothing is completely transparent. Most glass reflects some light back to you. Water, ice, metal, and even certain kinds of plastic also reflect light. What do these things have in common? They are all very smooth. You can make many things reflect light if you **polish** them.

Vocabulary

polish
to make something smooth and shiny by rubbing it

A. Which thing in each pair reflects more light? Check the box next to it.

1. ❑ a frozen pond
   ❑ a grassy field

2. ❑ a brick wall
   ❑ a marble floor

3. ❑ an empty pool
   ❑ a pool full of swimmers

4. ❑ a wooden spoon
   ❑ a silver spoon

B. Use the words in the box to complete the sentences. You will need to use one word twice.

polish **transparent** **reflection**

1. If you _____ something enough, you can often see your _____ in it.

2. Nothing is completely _____. That is why you can sometimes see a _____ in a window.

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