

Exploring Our World through Lights and Shadows Pre/Post-Test

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Date _____

Part A: SELECT A RESPONSE

Directions: Teacher will read aloud the questions and responses below.

1. Circle the pictures that are sources of light:



- 2. How are shadows made?
 - a) By rain collecting mud puddles
 - b) By plugging in a blowdryer
 - c) By a tree blocking direct sun light
 - d) By turning a water faucet on
- 3. How do shadows change as the light source moves?
 - a) The shadow gets shorter or longer based on the light source.
 - b) The shadow can disappear when a light source moves.
 - c) A shadow can shift in shape when the light source moves.
 - d) All of the above



PART B: DRAWING SHADOWS

4. Draw a shadow. Indicate where the light source would be in your drawing.

5. Draw where the light source is located.





PART C: EXTENDED RESPONSE

Describe a time when you noticed a shadow. Where were you? Where was the light source located?

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