

Name \_\_\_\_\_

Class/Date \_\_\_\_\_

# Make a Shadow

## Student Worksheet

Draw a shadow for the child and the other tree.



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# Sources of Light

## Student Worksheet

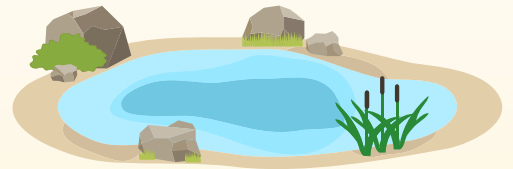
Directions: Circle the things that are sources of light.



Sun



Mirror



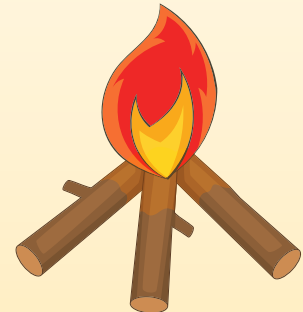
Lake



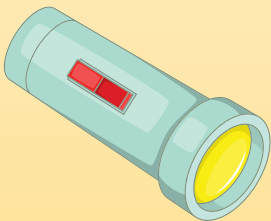
Diamond ring



Candle



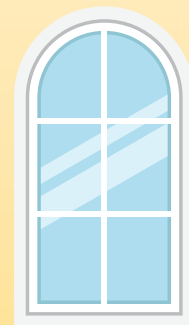
Fire



Flashlight



Light bulb



Window

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# Testing Materials

## Student Worksheet

Directions: Circle **Yes** if the material blocked **all** of light. Circle **No** if the material did not block all of the light.

Material	Did it block the light?	
Cardboard	Yes	No
Clear plastic	Yes	No
Foil	Yes	No
Wax paper	Yes	No
Cardstock	Yes	No
Colored clear plastic	Yes	No

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# Materials that Do Not Block All of the Light

## Student Worksheet

Directions: Color the first two boxes to show dark and medium bright areas. Do not color the bright box.

Dark



Medium Bright



Bright



Color the boxes to show what you saw as you test.

Material	Observation
Cardboard	
Clear plastic	
Foil	
Wax paper	
Cardstock	
Colored clear plastic	

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# Draw Your Puppet Scene

## Student Worksheet

Directions: Draw your puppet scene on the paper. Test it with the light engineers lab.