

SCIENCE

Light and Dark

Name: _____ Date: _____

Directions:

Determine which items are transparent, translucent, or opaque and explain how light travels.

1. Which one is which? Cut and paste each picture of a cup from your experiment to show which kind of material it is.

Transparent	Translucent	Opaque



2. Answer the question about light.
How does light travel?

3. Explore light and materials by following these directions.

- Choose an item to test.
- Draw a picture of the item in the box on the left.
- Shine a flashlight on the item to find out what kind of material it is.
- Circle either transparent, translucent, or opaque to show what the light did.
- Choose 5 more items and repeat the steps.

Item	Material
	Transparent Translucent Opaque
	Transparent Translucent Opaque
	Transparent Translucent Opaque

Item	Material
	Transparent Translucent Opaque
	Transparent Translucent Opaque
	Transparent Translucent Opaque

