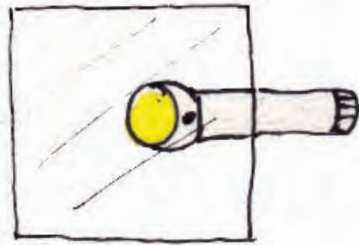


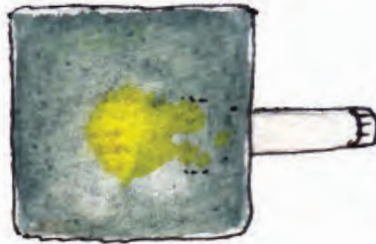
# Light Through Objects

When light shines on an object, one of three things can happen:

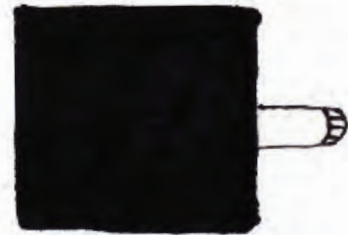
1. If light passes through, the object is **transparent**.
2. If light is blurred, the object is **translucent**.
3. If light is blocked, the object is **opaque**.



Transparent



Translucent



Opaque



**TRY THIS!**

Try shining a flashlight through plastic wrap, wax paper and tin foil. Fill in the sentences below to show what you observed.

Wax paper is \_\_\_\_\_.

Plastic wrap is \_\_\_\_\_.

Tin foil is \_\_\_\_\_.

# Light Through Objects



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Transparent objects allow light to pass through completely, translucent objects blur light, and opaque objects do not allow any light to pass through them.

Can you tell which of the following objects are:  
transparent, translucent, or opaque?

\_\_\_\_\_ lemonade

\_\_\_\_\_ dish soap

\_\_\_\_\_ window

\_\_\_\_\_ sunglasses

\_\_\_\_\_ cardboard

\_\_\_\_\_ clear plastic cup

\_\_\_\_\_ construction paper

\_\_\_\_\_ tissue paper

\_\_\_\_\_ brick wall