

Expanding...

What can you find in your world that some light can pass through? Draw a picture or write it in the box.



Student Name: _____

Teacher's Name: _____

Due Date: _____

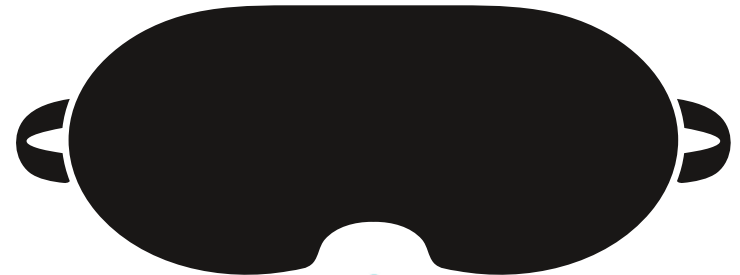
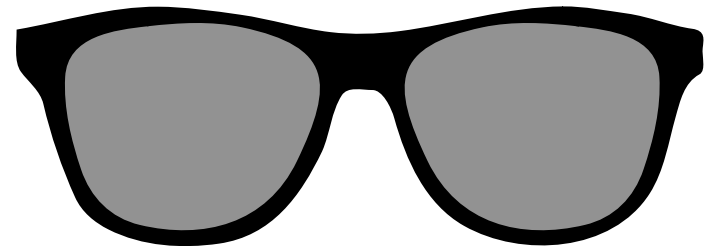
Partner's Name: _____



The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.

Let's Explore

Translucent,
Transparent, Opaque

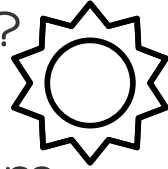


Exploring...

Look around you.

Where is light coming from?

A lamp, the sun?



There is light shining on or from things so you can see them.

We can describe things in our world by how light passes through them.

- Light can pass through **transparent** things, like glasses.
- Light cannot pass through **opaque** things, like a sleep mask.
- Only some light can pass through **translucent** things, like sunglasses.

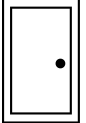


What to do

Find these things in your world.

Can light pass through them?

Mark with an "X" if it can or cannot.

Thing	Light <u>Can</u> Pass Through	Light <u>Cannot</u> Pass Through
 Person		X
 Door		
 Window		
 Cup		
 Paper		