

Discover: First Grade Unfield Trip



Join the Amazeum for an Unfield Trip!

Your Discover Unfield Trip starts here! Watch this [orientation video](#) for tips on how to utilize Discover with your students.

Exhibit Dive: Colored Shadows

Start your Virtual Unfield Trip by watching this video about the [Colored Shadows](#), [Sombras de Cores](#) exhibit at the Scott Family Amazeum.



Discuss and/or write down:

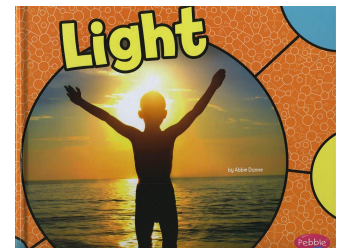
What did you notice?

What do you wonder?

Have you seen anything like this before?

Literacy Connection

After watching the exhibit video, read *Light* by Abbie Dune or *Shadow* by Suzy Lee.



Discuss and/or write down:

Can we see objects without light?

Describe a shadow.

How do you use light everyday?

Discover: First Grade Unfield Trip

Activity Exploration

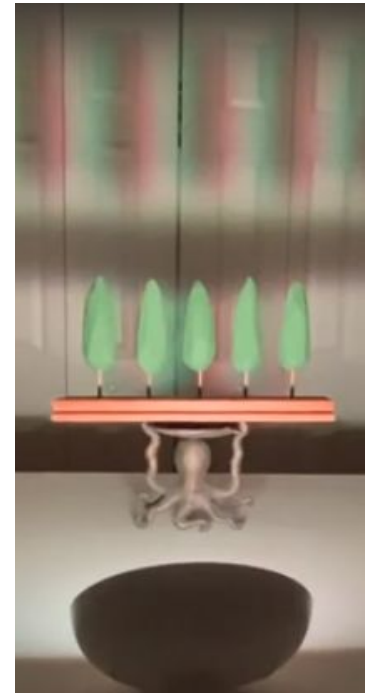
Watch this [Light and Shadow Play activity video](#), [Juego de Luces y Sombras video de actividad](#), then check out the [Light and Shadow Play activity guide](#), [Luces y Sombras guía de actividades](#) and do the activity together!

Discuss and/or write down:

What tools and materials did you use to investigate?

Draw one of the objects you used to play with light.

What surprised you?



Take pictures and videos of your process to share! You can send them to mgarcia@amazeum.org

NGSS Standards Addressed

- **1-PS4-2:** Make observations to construct an evidence-based account that objects can be seen only when illuminated.
- **1-PS4-3:** Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.
- **1-ETS1-2:** Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
- **1-ETS1-3:** Analyze data from tests of two different objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.