

Shadow Exploration

Engaging:

- Shadow observations
- Pre-exploration reflection
- Video on shadows

STEM Integration:

- Math
- Science
- Engineering
- Writing

Goals and Objectives:

- Use evidence to accurately describe how changing the angle at which light hits an object impacts the length of the object's shadow.
- Practicing graphing and creating angles
- Working on accurate measurements in metric system.
- Reflecting on observation and making connections
- Collecting and analyzing data
- Team building skills