

# DAY 4: Experiencing a Solar Eclipse

## Materials

- Flashlight or strong light source
- Small objects (e.g., small balls, toy figures)
- Cardboard Moon
- Tape
- Reference materials about solar eclipses (books, websites, etc.)



## Conduct an Investigation

1. Set up a model of a solar eclipse using the materials provided.
2. Experiment with different positions and angles of the Moon and light source to create shadows.
3. Take turns being observers and participants.
4. Observe and discuss the effects of the eclipse on the small objects.



## Communicate Information

1. What happens to the small objects when the Moon blocks the light source?

---

---

---

---

---

2. How does the size and position of the Moon affect the shadows?

---

---

---

---

---

3. Can everyone in the group see the eclipse at the same time?  
Why or why not?

---

---

---

---

---



# DAY 4: Experiencing a Solar Eclipse

---

