

DAY 2: Modeling a Solar Eclipse



Materials



1.

DAY 2: Modeling a Solar Eclipse

Materials

- A  (see page 11)
- A  (see page 11)
- A  (see page 11)
- A  (see page 11)

Objective: Students will understand the relative positions of the Sun, Earth, and Moon during a solar eclipse.

Teacher Notes

Before class, students should read the background information on solar eclipses. Encourage students to discuss the relative positions of the Sun, Earth, and Moon during a solar eclipse.

Materials

Free resources are available at www.mhhe.com/earthandspace.

Conduct an Investigation

Steps 1–2. Distribute the materials to the students. Have students observe the Sun and Moon in the sky.

Step 3. Distribute the materials to the students. Have students observe the Sun and Moon in the sky.

Step 4. Have students observe the Sun and Moon in the sky. Have students observe the Sun and Moon in the sky.

Steps 5–6. A solar eclipse occurs when the Moon passes between the Sun and Earth, blocking the Sun's light from reaching Earth. A solar eclipse can only occur when the Moon is in its new moon phase.

Encourage students to discuss the relative positions of the Sun, Earth, and Moon during a solar eclipse. Distribute the materials to the students. Have students observe the Sun and Moon in the sky.

Have students observe the Sun and Moon in the sky. Have students observe the Sun and Moon in the sky.