



### Solar Eclipse Viewer

#### How to make the Solar Eclipse Viewer

1. Cut out the Eclipse Projector and Eclipse Screen, and cut between them on the middle line.
2. Glue or tape the Projector and Screen to thin cardboard for a sturdier viewer (this is not required to make the Eclipse Viewer work, but makes it easier to use).
3. Use a thumbtack to put a small hole in the Eclipse Projector at the black dot. Don't make the hole bigger than the shaft of the thumbtack.

#### How to observe the eclipse safely

2. Stand with your back to the sun.
2. Hold the Eclipse Projector so that sunlight streams directly through the hole.
3. Hold the Eclipse Screen in the Eclipse Projector's shadow. The dot of light you'll see is a solar image.
4. For the best image, hold the Projector and Screen about 2 feet (60 cm) apart.
5. The image is perfectly safe to observe, but **NEVER look directly at the sun or through the Projector hole at the sun!**

