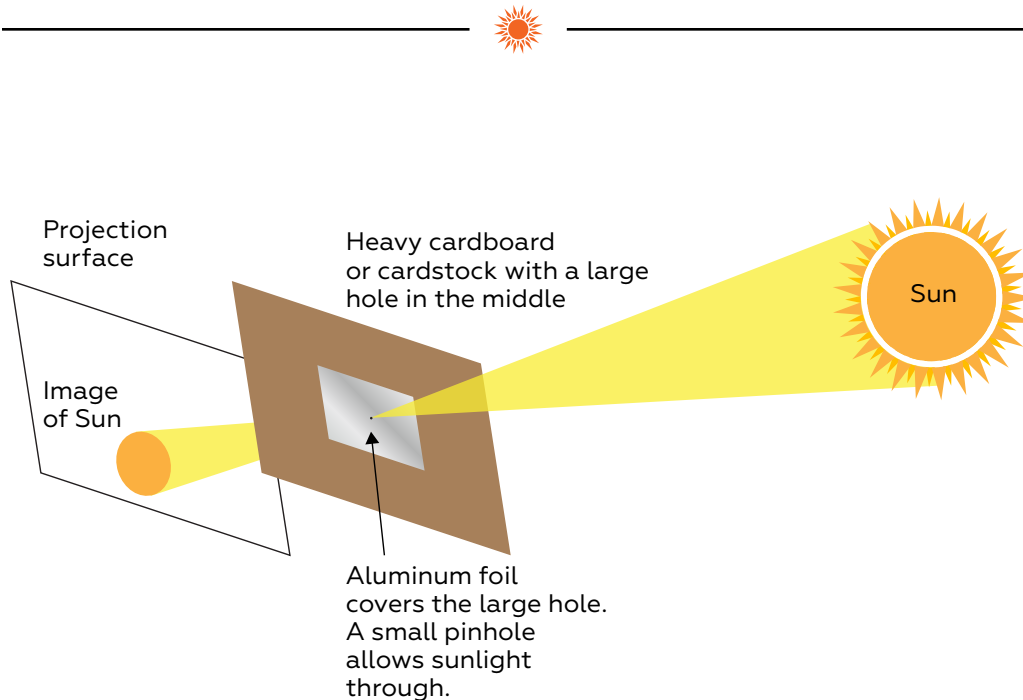


# A Safe Way to Observe the Sun

## PINHOLE PROJECTION USING TWO SHEETS



1. Take two sheets of white cardboard or paper and cut a small square out of one of the sheets.
2. Tape a piece of aluminum foil over the hole. Then, make a pinhole at the center of the foil.
3. Stand with your back to the Sun (facing in the opposite direction as the Sun). Hold the sheets up so the pinhole sheet is closer to the Sun. The pinhole acts like a lens, and you will then see a small image of the Sun on the other sheet. (If the Sun is high in the sky, you can put the sheet without a hole on the ground and then hold the pinhole sheet between the ground and the Sun.)
4. The farther apart the two sheets are, the larger the image you will see.
5. This method doesn't show you much detail, but it is useful during a partial eclipse to see the "bite" the Moon takes out of the Sun.

**Safety note:** Looking directly at the Sun is dangerous to your eyes, so don't try viewing the Sun without your teacher's guidance.