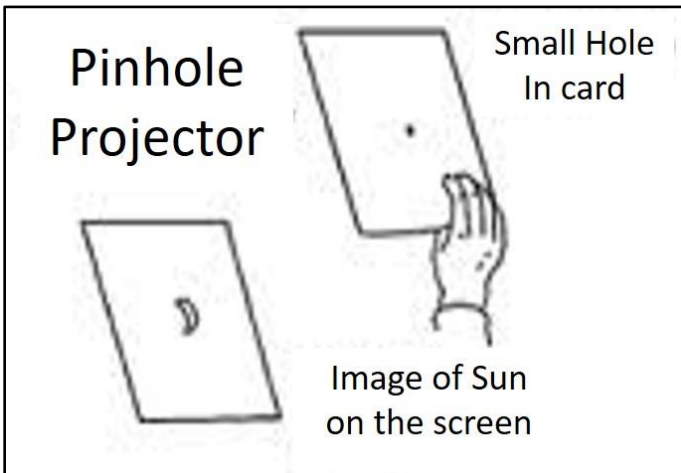




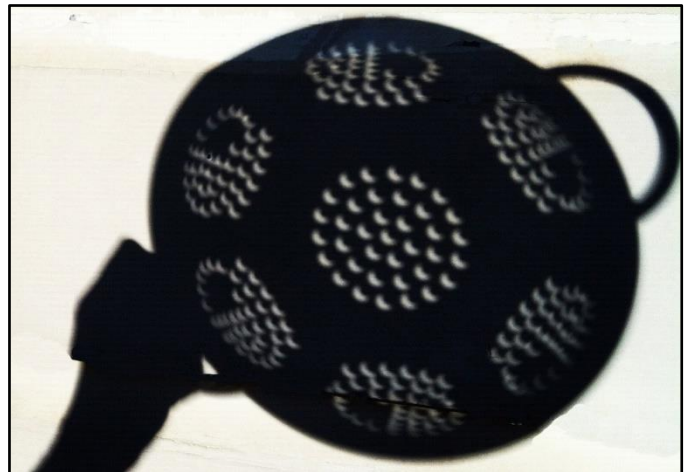
## Safe Solar Eclipse Viewing techniques

**NEVER observe the Sun or any phases of a solar eclipse with the naked eye! Failure to use proper filters may result in permanent eye damage or blindness!**

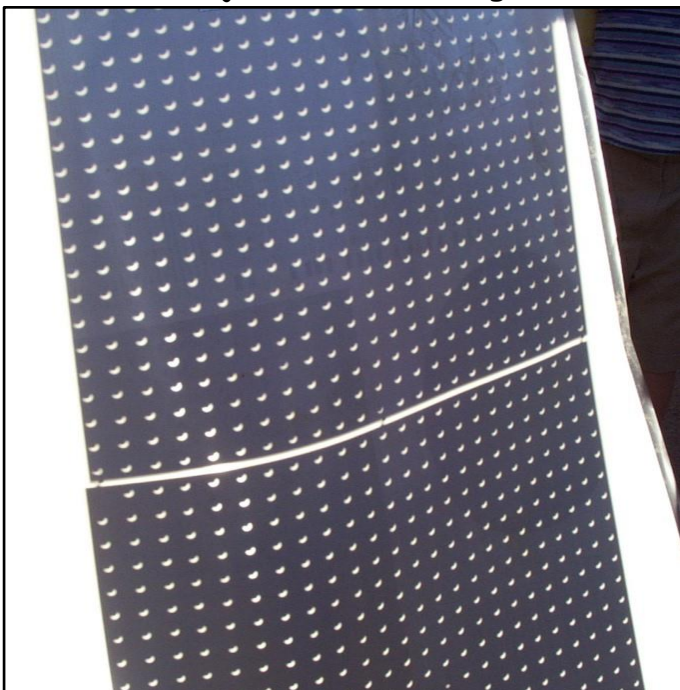
Solar Projection with a Pinhole Projector



Solar Projection with a Colander



Solar Projection with a Pegboard



Wearing Safe Solar Viewing Glasses





## Solar Image Projection using a Pinhole Projector:

Use a sturdy piece of paper or cardboard and make a small hole in the middle of it using a small nail. Make sure that the hole is clean, smooth and round. This is your projector.

Place a piece of white paper on the floor or attach it to a wall.

Stand with your back to the Sun holding your projector.

Aim the projector so the shadow is projected on the paper.

The hole in the projector will then project the eclipse image onto the paper.

Move the projector closer or away from the paper to make the eclipse image smaller or larger.

## Solar Image Projection using a Colander:

Use a common kitchen colander.

Place a piece of white paper on the floor or attach it to a wall.

Stand with your back to the Sun holding the colander.

Aim the colander so the shadow is projected on the paper.

The holes in the colander will then project multiple eclipse images onto the paper.

Move the colander closer or away from the paper to make the eclipse images smaller or larger.

## Solar Image Projection using a Pegboard:

Use a nice size piece of pegboard material.

Place a piece of white paper on the floor or attach it to a wall.

Stand with your back to the Sun holding the pegboard.

Aim the pegboard so the shadow is projected on the paper.

The holes in the pegboard will then project multiple eclipse images onto the paper.

Move the pegboard closer or away from the paper to make the eclipse images smaller or larger.