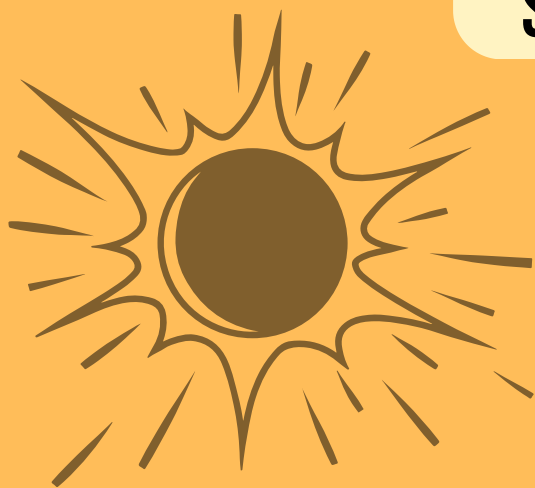


VIEWING THE SOLAR ECLIPSE, MAKE YOUR OWN PROJECTOR!

August 12th 2026, a solar eclipse will take place across parts of Europe with a 96% eclipse visible from **Cork**.

This partial eclipse will see 96% of the Sun blocked by the Moon which will bring about a noticeable reduction in the daylight. The eclipse will begin at 18:15 and reach maximum at 19:13 and ending at 20:08.

SAFETY FIRST



NEVER look directly at the sun without the right protection! use certified solar eclipse glasses, or the indirect methods below!



BLACKROCK
CASTLE
OBSERVATORY

SOLAR ECLIPSE BCO

PINHOLE PROJECTOR

WHAT YOU NEED:

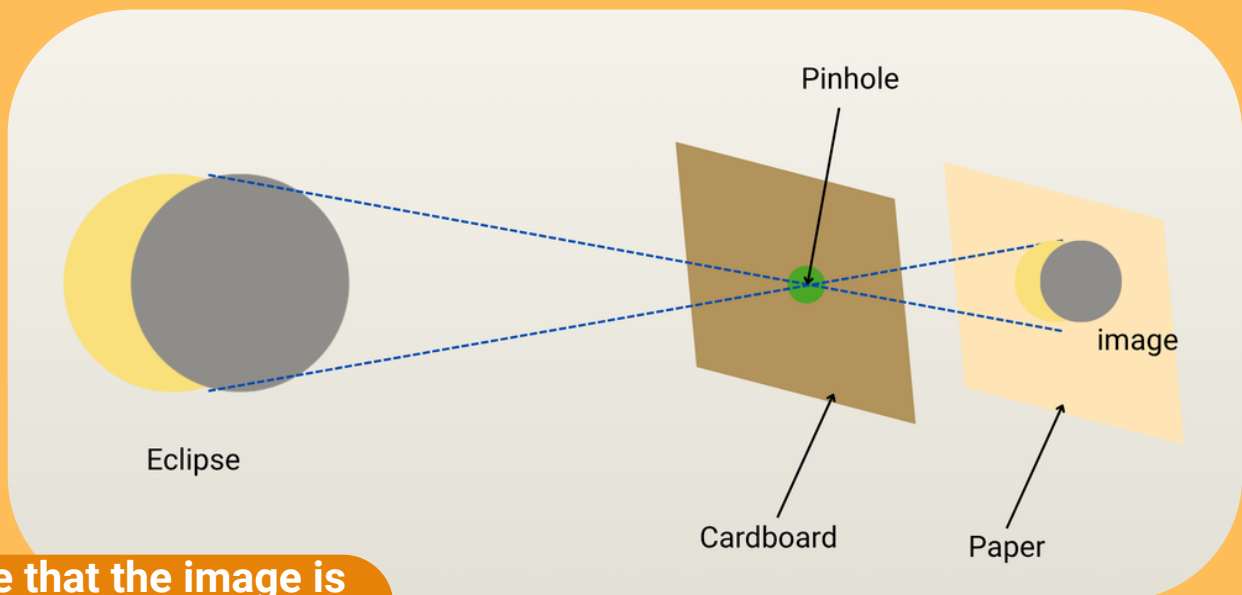
One piece of cardboard and one piece of paper, a pin thumbtack or something small and pointy.

CONSTRUCTION:

Place a neat small hole in the center of the piece of cardboard.

USE:

- Hold the cardboard up to the sun.
- Hold the paper at as large a distance as your hands will allow from the cardboard.
- What you should see is below!



Notice that the image is inverted!



BLACKROCK
CASTLE
OBSERVATORY

SOLAR ECLIPSE BCO

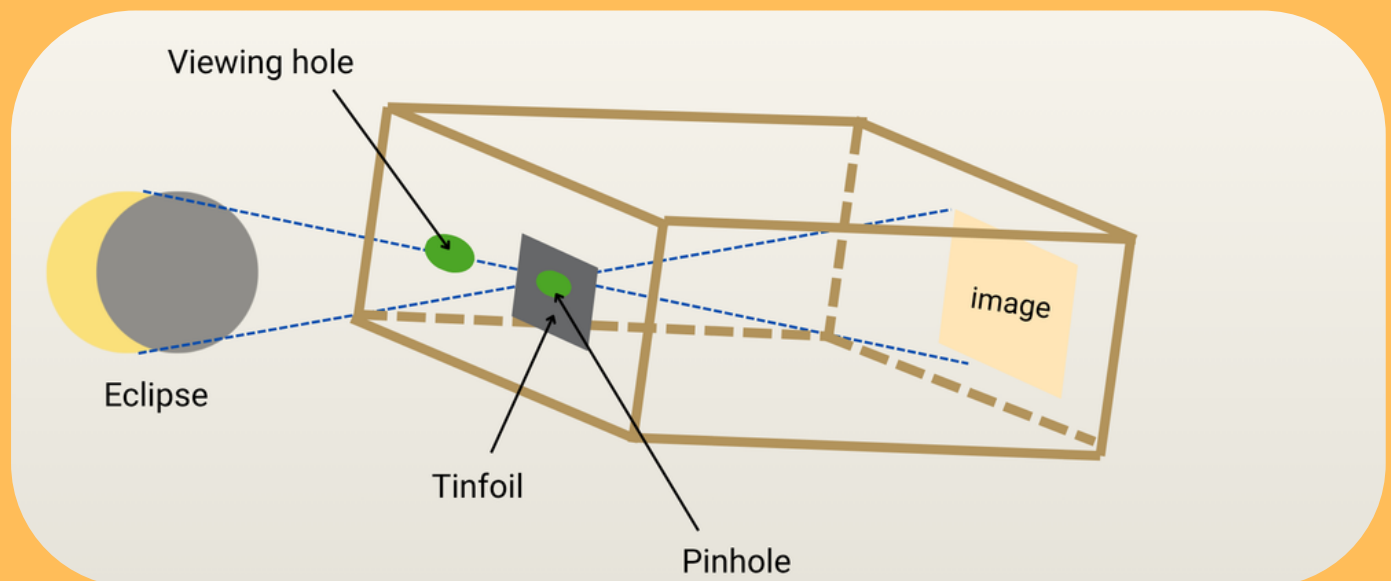
BOX PROJECTOR

WHAT YOU NEED:

Cardboard box (the longer it is, the better), a pin or something similar like a needle, tinfoil, paper, scissors, and tape.

CONSTRUCTION:

- Tape your paper to the back of the inside of the box
- On the other side of the box poke two holes with your needle at least ten centimeters apart or as wide apart as you can beside each other.
- Cover one of these holes with the tinfoil.
- Poke a hole in the tinfoil.
- Using the tape seal the box closed ensuring no light can get in anywhere except for your two holes.



BLACKROCK
CASTLE
OBSERVATORY

SOLAR ECLIPSE BCO

USE:

- Hold the box up to the sun so that the light can come in the side with the tinfoil covered hole
- Look through the other hole to observe the sun.

If you're in **Cork on the day, Blackrock Castle Observatory will be organizing a number of events locally from 17:30 – 20:30.**

Free solar eclipse glasses available for safe viewing and a team of ambassadors to answer your queries.

Want to put on your own event for the eclipse? Register on our website. And as always don't hesitate to contact us with any and all of your space queries!

**Le Meas
BCO Team**



BLACKROCK
CASTLE
OBSERVATORY

SOLAR ECLIPSE BCO