

# Solar eclipse pinhole projector





## Overview

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One of the easiest ways to safely watch a solar eclipse is to use 2 sheets of cardboard and make your own simple pinhole projector. Next Partial Solar Eclipse: Sun, Sep 21, 2025. See animation Next Eclipse: Total Lunar Eclipse – Sun, Sep 7, 2025. See animation Eclipses can be projected using.

An easy way to safely view a solar eclipse is with a box pinhole projector. With a few simple supplies, you can create a safe and fun way to experience the magic of an eclipse from anywhere. Watch this how-to video to see just how easy it is! Watch this video on the NASA Goddard YouTube.

Learn how to make your own DIY Safe Solar Eclipse Pinhole Projector with this step-by-step tutorial! It's easy to pull together, and only takes a few items to make. If you haven't purchased the special eclipse glasses for viewing the eclipse, help the grands make their own solar eclipse pinhole.

One of the safest and easiest ways to view a solar eclipse is by using a pinhole projector. This simple device allows you to see the eclipse without directly looking at the Sun, protecting your eyes from potential damage. A pinhole projector uses the principle of projecting the Sun's image onto a.

During a solar eclipse, it is very important to protect your eyes. For hundreds of years, astronomers have used different methods to observe the Sun safely. One of them, the eclipse projector, allows you to view a small image of the Sun through a closed box. You will see the Moon taking "bites" out.



You can make your own solar eclipse pinhole projector with materials you probably already have in your home. A pinhole projector is a special tool that allows you to view a shadow, or negative image, of the eclipse without having to look directly at it. This is an especially handy tool if you have.



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### Solar Eclipse: A How-To Guide for Viewing Eclipses , Exploratorium

There are safe ways to view the sun. The simplest requires only a long box (at least 6 feet long), a piece of aluminum foil, a pin, and a sheet of white paper. The length of the box is important. ...

### [2024 Total Solar Eclipse - USA Map Pinhole Projector](#)

This pinhole projector shows the percentage of the Sun that was covered by the Moon's shadow during the April 8, 2024 total solar eclipse across the U.S. You can use a pinhole projector at any time to safely observe the ...



### Here's how to watch, view a solar eclipse safely without glasses

With a pinhole projector, sunlight travels through the pinhole to create a small image of the sun. The projector makes it safe to observe the solar eclipse if you don't have eclipse glasses.

### Solar Eclipse: How to make a pinhole camera to view eclipse

How to use a DIY pinhole camera to project a view of the solar eclipse© NASA JPL Education  
Old-school projection of solar eclipse using a



colander, Seattle, Washington, U.S. © Joe ...



### **DIY Safe Solar Eclipse Pinhole Projector , Welcome To Nana's**

In this guide, we will take you through the steps of creating your very own pinhole projector to view the solar eclipse. You don't need any special equipment or technical expertise; all you need is a few common ...

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