

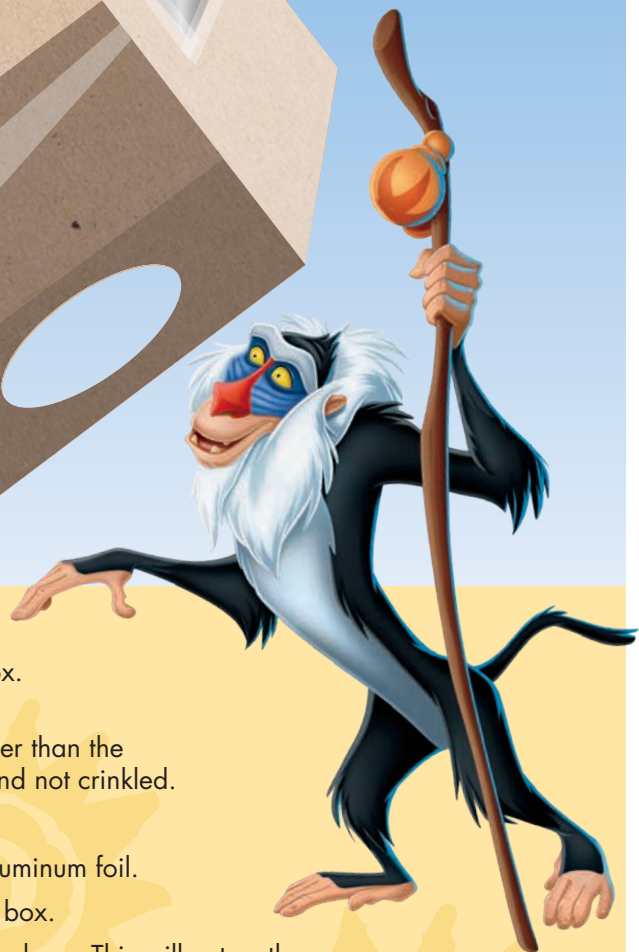
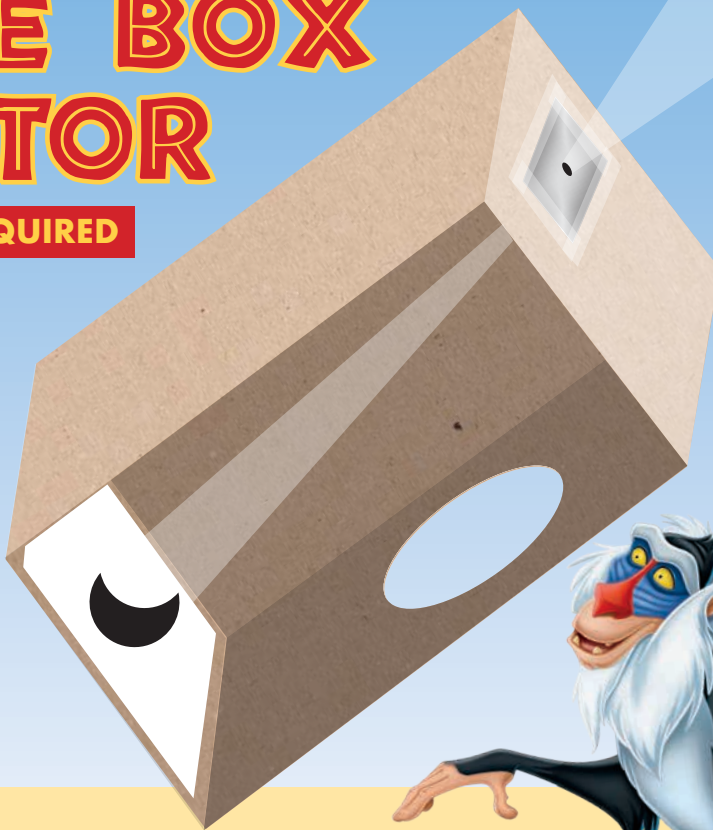
CREATE YOUR OWN

SOLAR ECLIPSE PINHOLE BOX PROJECTOR

ADULT SUPERVISION REQUIRED

You will need:

- Oblong cardboard box
- Scissors
- Duct tape
- Aluminum foil
- Pushpin or thumbtack
- Box cutter
- A sheet of white paper



What to do:

1. Have an adult help you cut a rectangular hole at the end of the box. Note: The longer the box, the larger the projected image.
2. Using the scissors, cut out a piece of the aluminum foil slightly larger than the rectangular hole. Make sure the aluminum foil is completely flat and not crinkled.
3. Tape the foil over the rectangular hole in the box.
4. Use the pin or thumbtack to poke a tiny hole in the center of the aluminum foil.
5. Tape the sheet of white paper on the inside of the other end of the box.
6. Cut a hole in the box large enough to fit your entire head inside the box. This will act as the screen.
7. Stand with your back to the Sun. Place the box over your head with the pinhole towards the Sun. Adjust your position until you see a small projection, a reversed image, of the eclipsed Sun on the paper inside the box.

KEEP SAFE!

- **NEVER LOOK DIRECTLY AT THE SUN WITHOUT PROTECTIVE EYE GEAR.** Even sunglasses cannot protect your eyes from damage from the Sun's rays.
- Always keep your back toward the Sun while looking at the pinhole projection.
- Do not look at the Sun through the pinhole.

**AVAILABLE ON DIGITAL HD AUGUST 15
AND ON BLU-RAY™ AUGUST 29**



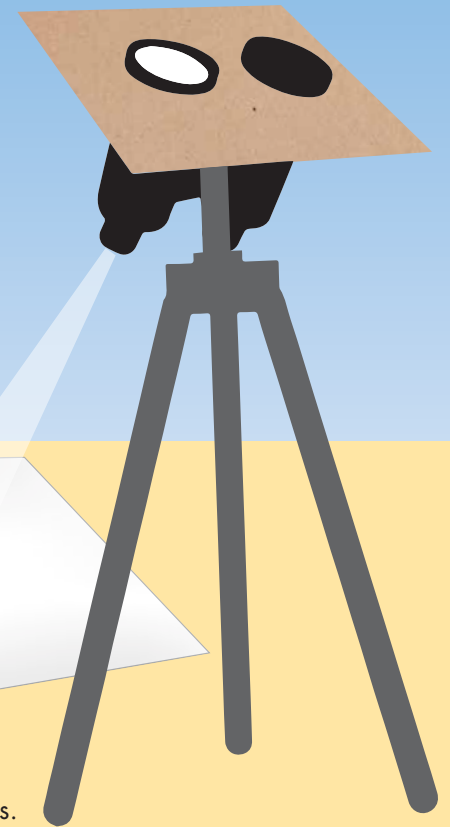
CREATE YOUR OWN SOLAR ECLIPSE BINOCULAR PROJECTOR



ADULT SUPERVISION REQUIRED

You will need:

- Binoculars
- A tripod
- Duct tape
- Sheet of white paper
- Piece of cardboard



What to do:

1. Place the binoculars on the tripod. Secure in place with duct tape.
2. Trace the lenses of the binoculars on the cardboard, and cut out the holes.
3. Tape cardboard in front of the binoculars so that the lenses stick out of the holes.
4. If there are any holes or spaces between the cardboard sheet and the lenses, cover them with duct tape.
5. Cover up one of the lenses with duct tape.
6. Direct the binoculars toward the Sun without looking directly at the Sun.
7. Place the sheet of paper on the ground at a distance below the open binocular lens.
8. Move the paper around until you see the Sun's image projected on the paper.

KEEP SAFE!

- **NEVER LOOK DIRECTLY AT THE SUN WITHOUT PROPER PROTECTIVE EYE GEAR.** Even sunglasses cannot protect your eyes from damage from the Sun's rays.
- Do not look at the Sun through the binoculars.
- Always keep your back to the Sun while looking at a projection.
- Only use your binocular projector for a few minutes at a time. The Sun's rays can heat the binoculars and create a flammable hot spot on the paper.
- **DO NOT LEAVE YOUR PROJECTOR UNATTENDED.**

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