



Create your very own eclipse viewer in time for the
TOTAL SOLAR ECLIPSE on April 8, 2024.

MATERIALS

- Large cereal box (the longer, the better)
- Aluminum foil or cardstock
- Scissors
- Pushpin
- Tape

INSTRUCTIONS

1



Cut out two squares on either side of the top of your cereal box, leaving the center intact. Tape the center closed.

2



Cover one opening with cardstock or aluminum foil, and secure it with tape.

3



Using a pushpin, make a single pinhole in the cardstock or foil. **Do not widen the hole.**

4



Tape up any cracks or corners where light can enter the box.

With the sun behind you, look in the large opening of the box. Move around until you can see the sun shining through the pinhole, creating a small dot of light on the bottom of the box. As the eclipse progresses, you should be able to see the crescent shape of the sun projected inside the box.

Remember – Never look directly at the sun during an eclipse until totality has been reached the moon completely obscures the sun's bright face – during the brief and spectacular period known as totality (You'll know it's safe when you can no longer see any part of the Sun through eclipse glasses or a solar viewer.)! As soon as you see even a little bit of the sun reappear after totality, immediately use your viewer to look at the sun.