

Sun-Earth Day

Celebrate the Connection!

www.sunearthday.nasa.gov

Public Outreach: Make and Take Activities

What You'll Need

- Copies of the Flipbook Handouts (see next pages)
- (optional) White Cardstock
- Eclipse Lenticulars (you can request them from outreach@ssl.berkeley.edu) or printed out images of the progression of an eclipse
- Crayons or colored markers, especially yellows, black, and blues
- Scissors
- Staplers

Eclipse Flipbook

About this Activity



Make your own flipbook of drawings showing the progression of a Total Solar Eclipse.

Left: A completed Eclipse Flipbook with a drawing of the corona on the cover page.

Preparation

Make copies of the Flipbook Handouts on regular copy paper or cardstock to make it sturdier. Images of the progression of an eclipse can be in sheet protectors or laminated. If you are using the Eclipse lenticulars, have the participant observe the progression very carefully.

To Do and Notice

- 1) Each participant should have one copy of each of the following handouts. Note that the cover of the flipbook is different from the rest of the pages.
- 2) Have the participant cut the handouts so that they have eight quarter-sheets total, keeping the cover separate. Staple along the marks on the left hand side.
- 3) They can now fill out their flipbook with their drawings of the progression of an eclipse, page numbers, and their name. It is up to them to decide what exactly they want to portray!
- 4) Important: Make sure the participants decide if their flipbook will run from back-to-front, or front-to-back and order their book pages accordingly.

Activity Notes

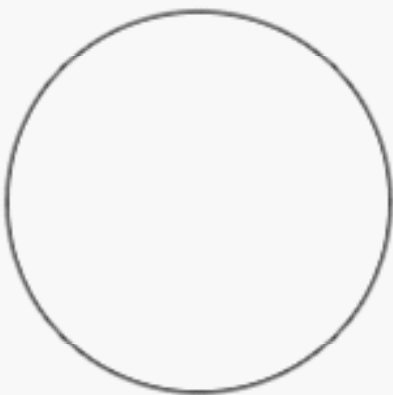
You can also have the participant hypothesize what the corona will look like for this particular Eclipse, and have them draw it in their flipbooks before the Eclipse occurs. You can offer a prize to the participant whose flipbook most closely resembles the actual corona revealed in the Eclipse!

Related Websites

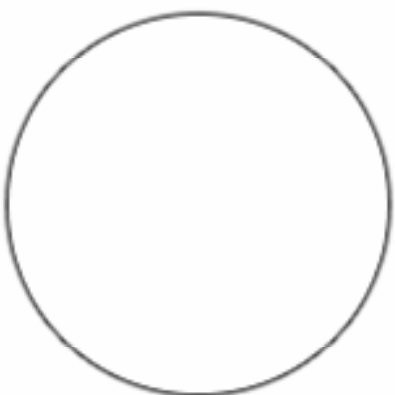
NASA Eclipse Website: Images, Movies, and Information
<http://eclipse.gsfc.nasa.gov/eclipse.html>

My Solar Eclipse Flipbook

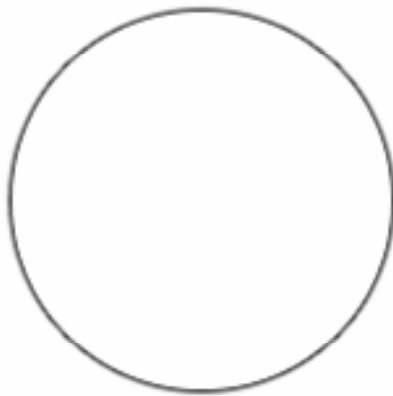
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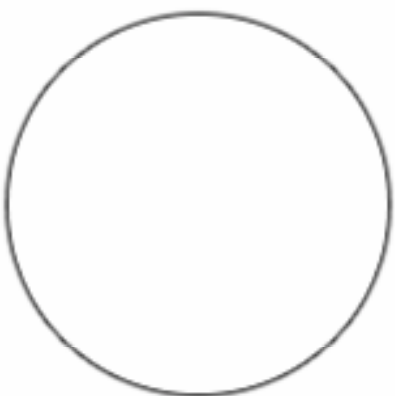
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