

Total Solar Eclipse Pack

5 pages of printable with activity ideas w/ learning objectives

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Where was I during the eclipse?

The day was August 21, 2017 and I saw the eclipse
with _____

How I felt about seeing the eclipse: _____

What things around me were saying about it:

What is an Eclipse?

What is an Eclipse?

Orbiting Opposites



Which is bigger?

Draw a planet and an orbit pattern
where the moon (or a circle) the planet on
the orbit.



Use the next page to complete and a solar eclipse in and out if happens. Choose an activity as the ability of the child. younger children may simply color the Earth and moon while older children may draw the Sun and Moon in the background. There is only the Earth and the Moon. Older children may write out an explanation of what the dotted line represents for the moon after drawing it.

Older children might have to use their pictures as a writing prompt to imagine why a solar eclipse had only happened on occasion (think about fractions in 4th grade math). There are no bottoms to the Earth and Moon - expectativity every year!

Use reference material to answer the following questions:

What is an eclipse?

How long does a total eclipse usually last?

When the Sun is hidden what does the planet or earth experience? (ask this out just a bit more!)

