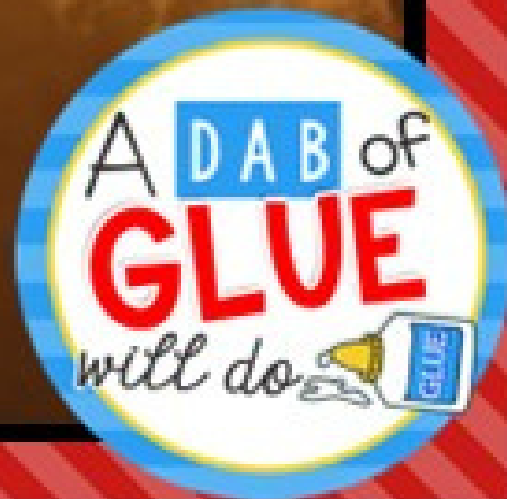


SOLAR ECLIPSE



Make learning
about the Solar
Eclipse fun!

scroll
to take a
peek 
inside

Here is what is included:

- ✔ PowerPoints and printable posters
- ✔ Solar eclipse STEM craft
- ✔ Fact worksheets and emergent reader
- ✔ Resource lists and sensory bin ideas
- ✔ Hat and certificate for viewing a solar eclipse
- ✔ Solar eclipse phases posters and hat
- ✔ Writing center and word wall
...and SO much more!

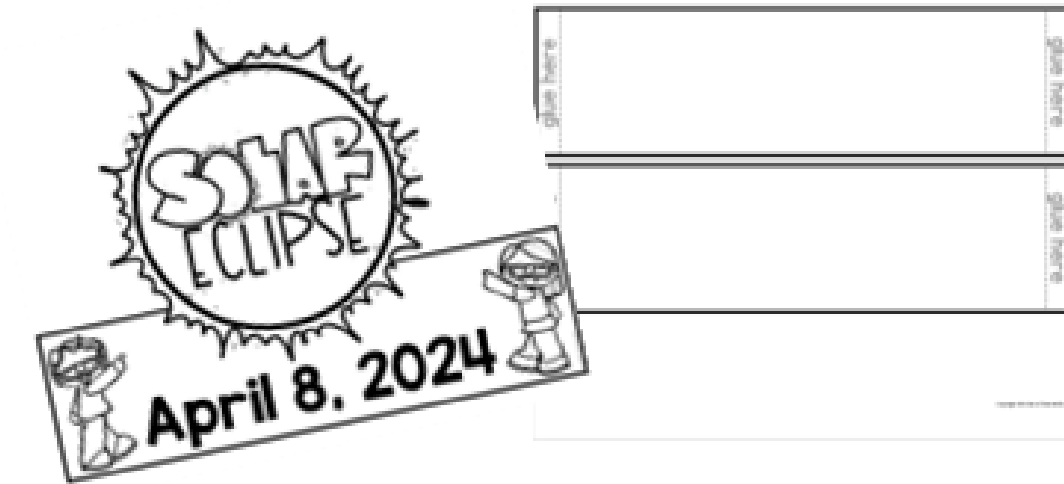
Take a Closer Look:



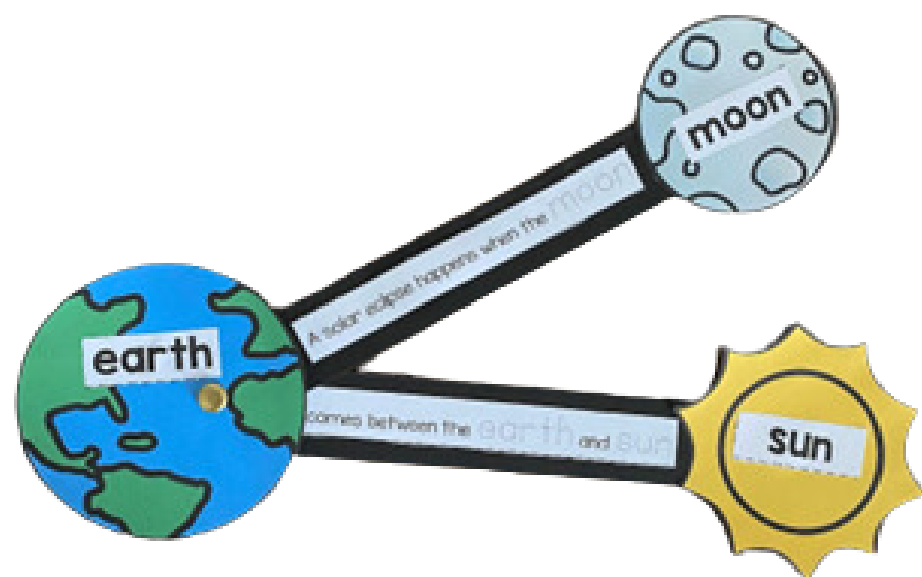
powerpoint



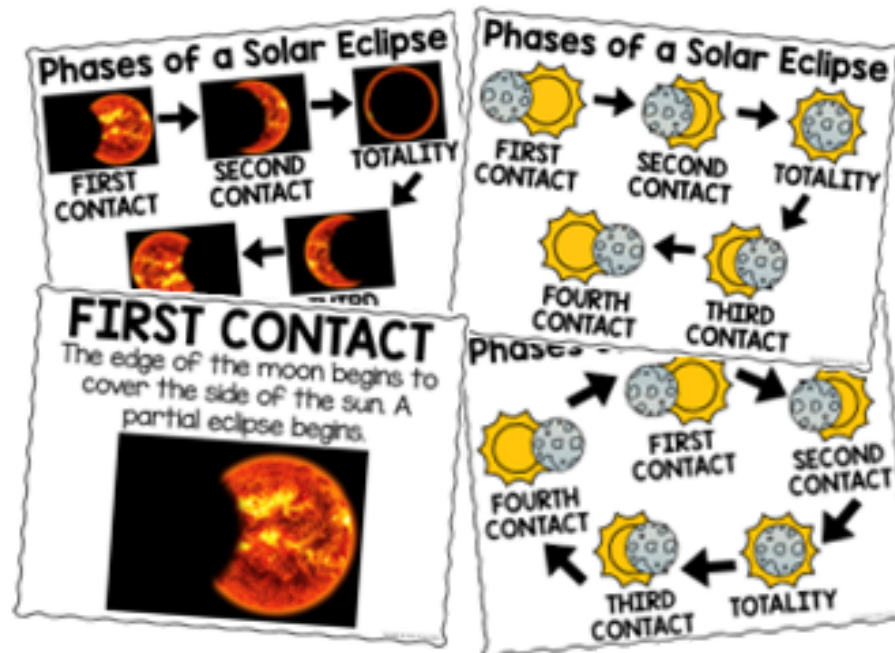
viewing certificate



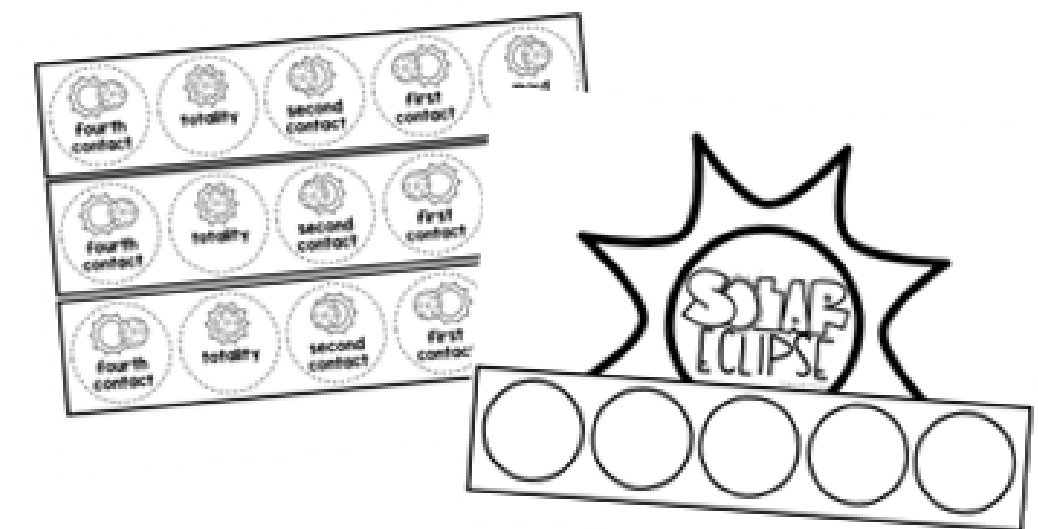
solar eclipse hat



solar eclipse craft

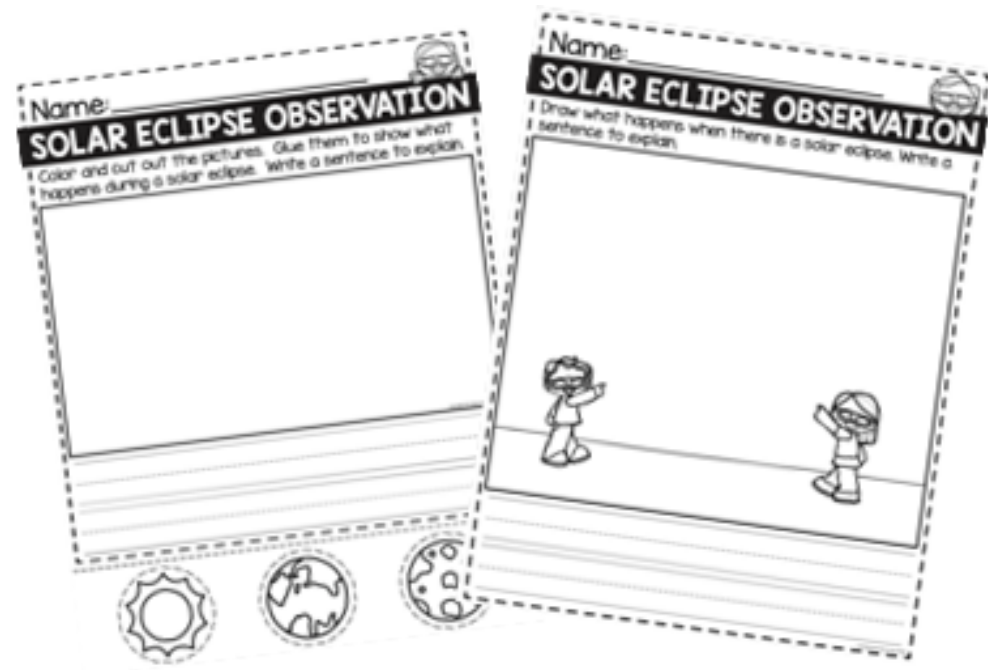


phases posters

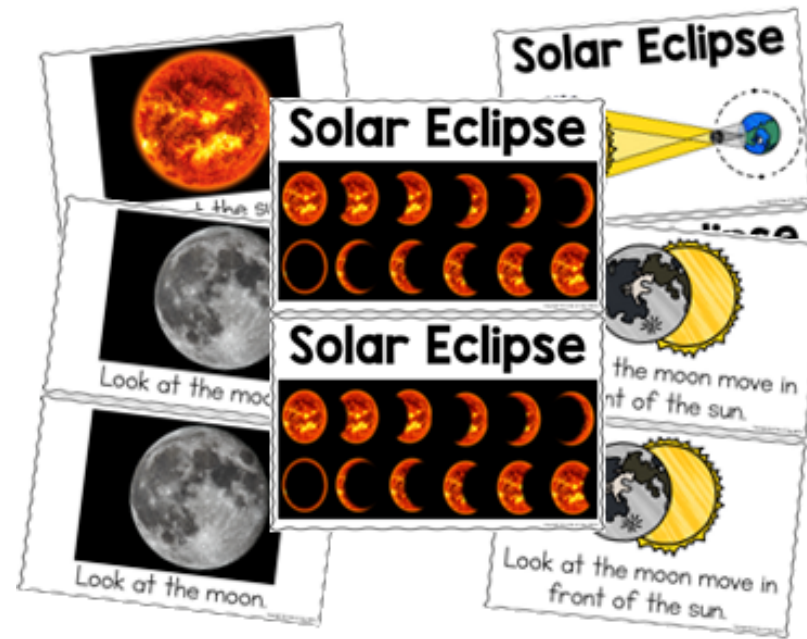


phases hat

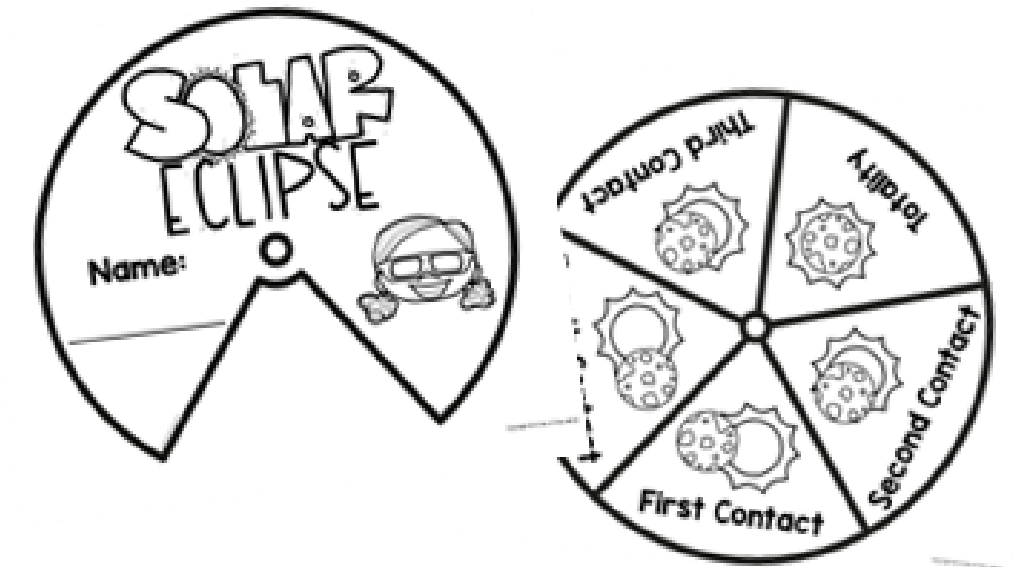
Take a Closer Look:



observation writing



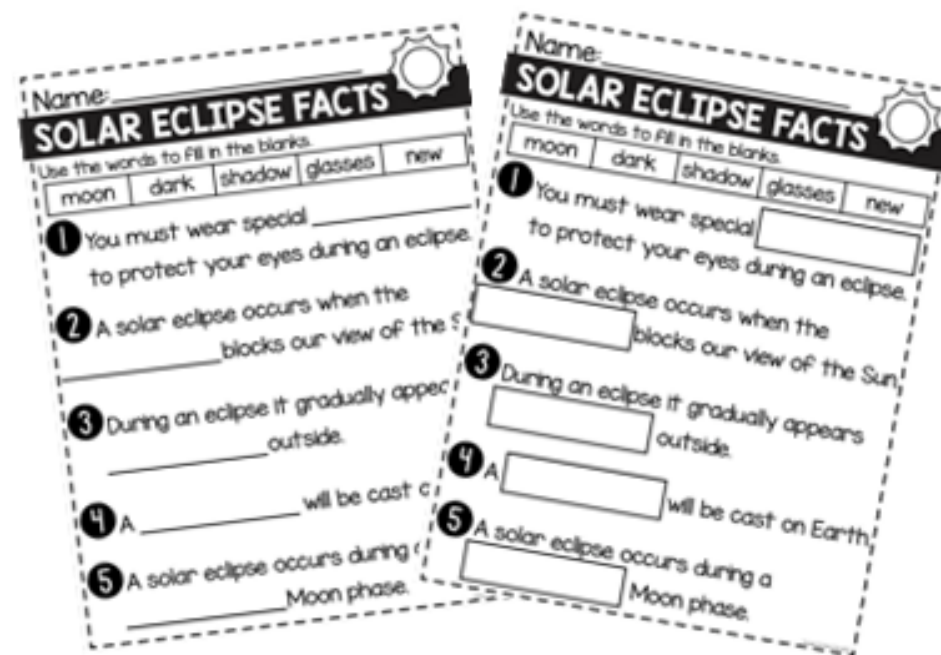
emergent reader



solar eclipse spinner



flip book



fact worksheets

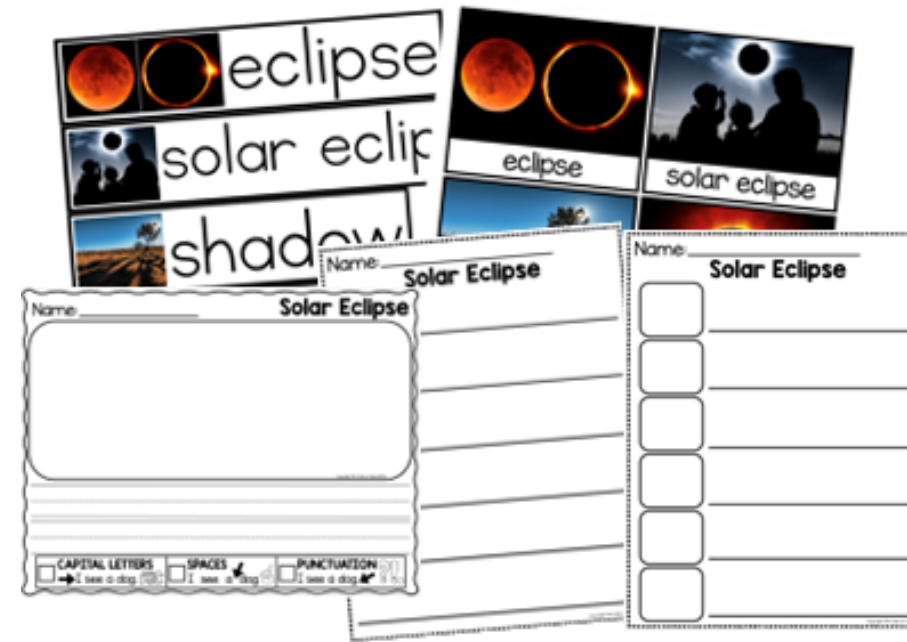


warning signs

Take a Closer Look:



definition posters



writing center

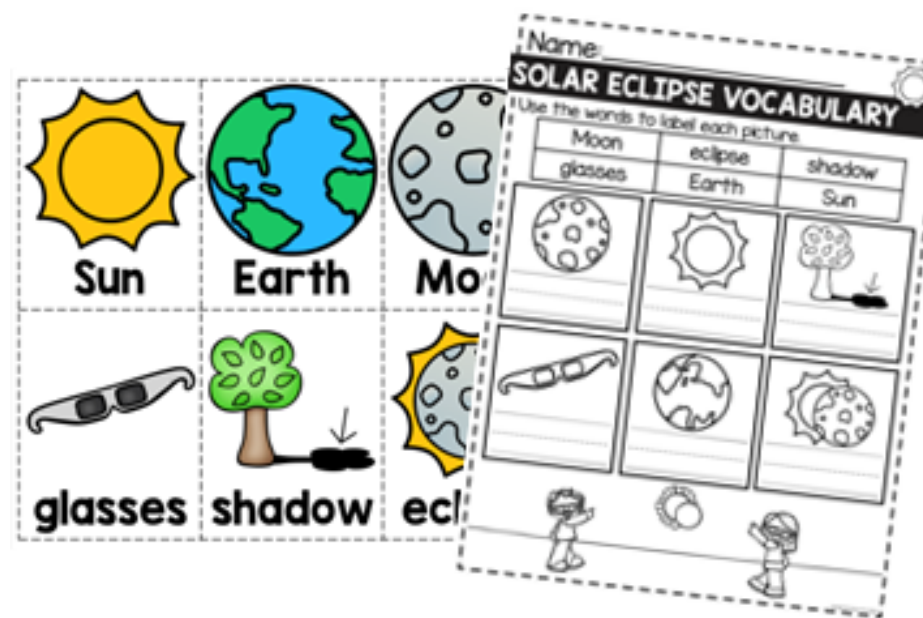


word wall

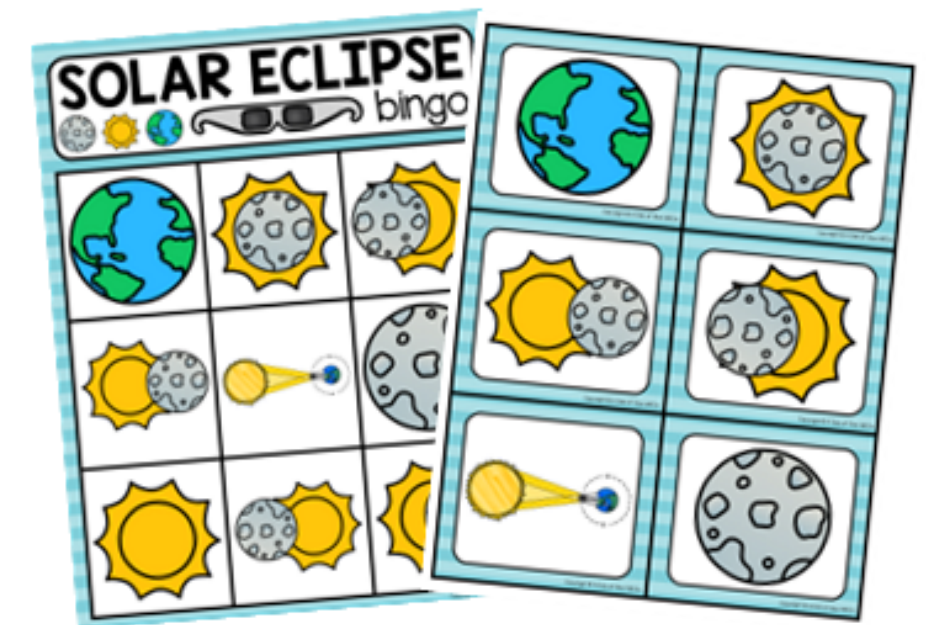
DO YOU HOPE TO SEE THE SOLAR ECLIPSE?

YES NO

weekly question



vocab activity



bingo game

Take a Closer Look:

SOLAR ECLIPSE SENSORY BIN

Sensory bins are wonderful for your kids to play with. They provide opportunities to explore sights, sounds, smells and textures, and promote imaginary play and language development.

SUGGESTED MATERIALS

- Plastic bin, tub, or sensory table
- Beans
- Black beans or dyed rice
- Earth, moon, and sun figurines, toys, or pictures
- Optional: other planet figurines/toys
- Sunglasses
- Plastic or paper stars
- Tweezers, cups, and scoops

DIRECTIONS

- 1) Fill the tub or plastic bin with beans or dyed rice.
- 2) Add the rest of the materials.
- 3) Encourage students to explore and practice modeling a solar eclipse.

sensory bin

science: SOLAR ECLIPSE

Dear Families,

In preparation for this year's solar eclipse, we are learning all about them! We will be discussing what a solar eclipse is, what each phase looks like, and why they occur. We will learn new vocabulary and make models to represent a solar eclipse.

At-Home Activity:

To learn more about the solar eclipse at home, discuss with your child if you've ever witnessed a solar or lunar eclipse before. Look around your home for sunglasses and discuss the importance of protecting your eyes when looking anywhere near the sun. Mark this year's total solar eclipse on the calendar, April 8, 2024, and discuss what you'll be doing on that day.

at-home letter

TEACHER GUIDE for SOLAR ECLIPSE

ECLIPSES

- An eclipse occurs when one object in space moves into the shadow of another object.
- There are two types of eclipses, a lunar eclipse and a solar eclipse.
- A lunar eclipse is when the Earth moves between the Sun and the Moon, blocking the light that is normally reflected by the moon.
- A lunar eclipse can be seen from Earth at night.
- There are two types of lunar eclipses: a total lunar eclipse and a partial lunar eclipse.
- A lunar eclipse usually lasts for a few hours.
- Partial lunar eclipses happen at least twice a year, but total lunar eclipses are rare.

DID YOU KNOW?

A lunar eclipse can only occur when the Moon is full.

SOLAR ECLIPSE

- A solar eclipse occurs when the Moon moves between the Sun and the Earth, causing the Moon to block the light of the Sun from reaching Earth.
- During a solar eclipse, the Moon casts a shadow onto Earth.
- There are three main types of solar eclipses: a partial solar eclipse, a total solar eclipse, and an annular solar eclipse.

TOTAL SOLAR ECLIPSE

A total solar eclipse happens when the Moon moves between the Sun and the Earth but isn't blocking the Sun completely. The Sun, Moon, and Earth are not perfectly aligned.

PARTIAL SOLAR ECLIPSE

A partial solar eclipse happens when the Moon moves between the Sun and the Earth and is blocking the Sun partially. The Sun, Moon, and Earth are in a partial line.

ANNUULAR SOLAR ECLIPSE

An annular solar eclipse happens when the Moon is in front of the Sun but is too small to completely cover it. The people who see the total eclipse are in the path of the Moon's shadow when it hits Earth. A total solar eclipse, the sky becomes dark.

ECLIPSE FACTS

- Eclipses occur every 18 months somewhere on Earth.
- Total solar eclipses last anywhere from a few seconds to a few minutes. While they occur that often, they are only visible for humans on Earth.
- The corona of the sun that can be seen during a total solar eclipse is the outermost atmosphere of the sun.
- During a total solar eclipse, the moon moves from left to right in front of the sun.

teacher guide

SCIENCE CENTER for SOLAR ECLIPSE

GETTING STARTED

Fill your center with lots of fun materials that your students can use to investigate and explore a solar eclipse. Suggested materials to include: paper or toy earths, suns, and moons. For students to make a model of the solar eclipse with, vocabulary cards, sunglasses, and non-fiction books about solar eclipses.

SHARING TIME

- Have the students who went to the science center that day tell the class what they discovered or observed and any questions they may have. We have a list of open-ended questions in this unit.
- If a child makes an exciting discovery in the science center, you can ask classmates to join you near the science center so your little scientist can share their findings and enthusiasm in just a short minute or two.
- Use a sign or chant that designates it is time for the kids to congratulate the scientist and return to their center. It can be as simple as a flat bump, high five, thumbs up, or a saying like, "Good Job, Good Job, Hey!"
- Your students' enthusiasm in the science center will entice others to go there tomorrow.

science center

QUESTIONS TO ASK for SOLAR ECLIPSE

SCIENCE talk

How would you know _____?
Why do you think that _____?
What else might have caused _____?
How can you explain your findings? Recall in your own words.
How was it different than _____?
How will you know if _____?
Do you think you could _____?
How did you decide _____?
Can you tell me about that?
How does that work?
Can you draw me a picture of your findings?
What will happen if _____?
What do you think is most important?
What happened when _____?
What would you change if _____?
How is this similar to something else you know?
Can you think of another way _____?
Create a new solution.
How would you handle this problem/challenge/question?

science questions

SOLAR ECLIPSE SONGS

To help with the planning of your Solar Eclipse Unit, we have curated a list of our Favorite Solar Eclipse SONGS!

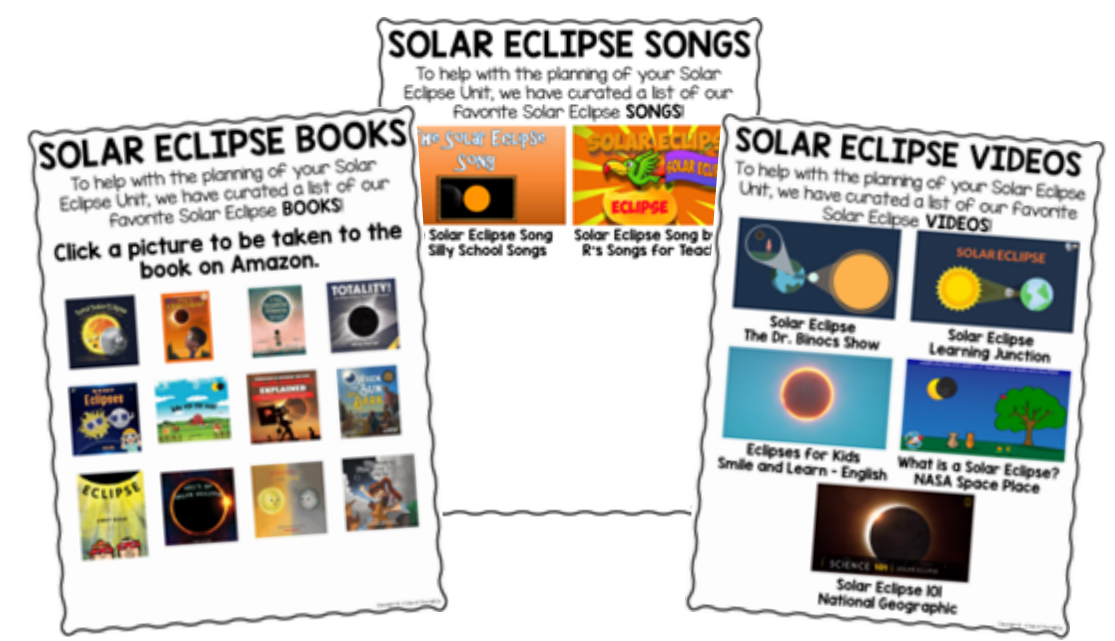
SOLAR ECLIPSE BOOKS

To help with the planning of your Solar Eclipse Unit, we have curated a list of our Favorite Solar Eclipse BOOKS!

Click a picture to be taken to the book on Amazon.

SOLAR ECLIPSE VIDEOS

To help with the planning of your Solar Eclipse Unit, we have curated a list of our Favorite Solar Eclipse VIDEOS!



resource lists

Why Teachers LOVE it:



OPTIONS

- ✓ Variations for differentiating
- ✓ Printables in color and B&W



EASY TO USE

- ✓ Teacher Guide
- ✓ Printables
- ✓ Lesson Plans



ENGAGING

- ✓ Real Pictures
- ✓ Fun Crafts
- ✓ Hands-on Activities



What Teachers Are Saying



“This resource was just what I needed to teach my students about the solar eclipse!” -Lisa J.



“I love all the activity options included in this pack. The pictures are beautiful and the resources are engaging!” -Jackie P.



“This is exactly what I needed for the upcoming solar eclipse! I am so excited to use this and glad I can use it after this year too.” -Ellen W.



meet the team

I'm Jennifer... I am the founder and creator of A Dab of Glue Will Do and Dollar Teachers Club. I taught Kindergarten and 1st grade. I have a stash of chocolate in my desk and a Starbucks tea in my hand to keep me going. I love reading and watching my kiddos play soccer and do taekwondo.

jennifer



Here at A Dab of Glue Will Do, our team makes the lives of busy teachers a little easier by creating meaningful classroom resources to engage, encourage, and meet the needs of their little learners.

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