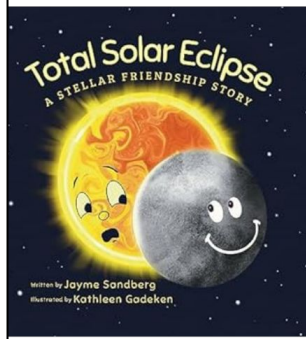
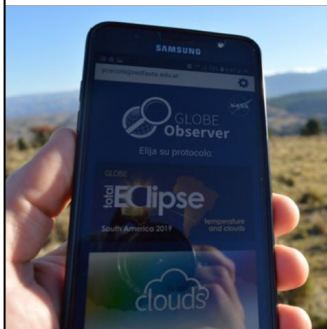
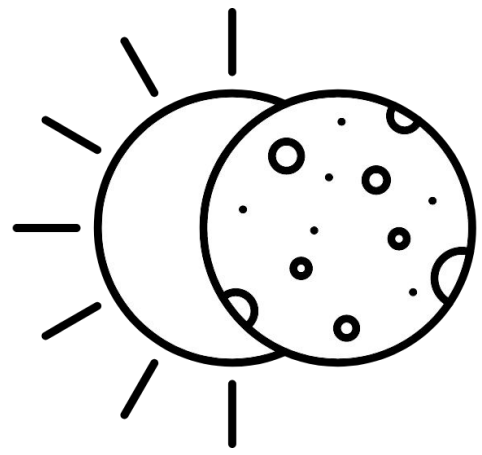


Solar Eclipse

Explorer Kit



Top Resources and Note to Families

Dear Families,

Excitement is in the air as we gear up for a celestial marvel - the upcoming solar eclipse on April 8, 2024! This cosmic event provides a fantastic opportunity for families to come together and explore the wonders of the universe. Here's a brief guide to help you make the most of this unique experience:

Solar Eclipse Details:

Date & Time: [Date], [Time]

Location: [Location]

[CLICK HERE](#)

for editable
note!

What is the Solar Eclipse?

A solar eclipse happens when the moon passes between the sun and the Earth, casting a shadow and momentarily blocking out the sun's light. It's a mesmerizing event that provides a chance for our students to witness the marvels of astronomy firsthand.

How can I celebrate?

To enhance your family's eclipse experience, we've prepared an Explorer Kit with tons of resources including books, videos, and activities! Here are some suggestions on how to use this list:

- Read a book explaining the eclipse event
- Watch a video explaining the science
- Try a STEM activity as a family, like the solar eclipse paper circuit or pinhole camera!
- Host a viewing party the day of the event
- Check out local events and citizen science opportunities for a shared cosmic experience with your community.

What is my child doing at school?

To celebrate this exciting event, we are {insert activities}.

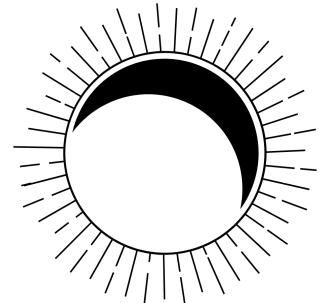
Let me know if you have any questions!

Warm regards,

[Your Name]

[Your Title]

[School Name]



Solar Eclipse Explorer Kit



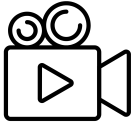
What you need to know:

- Present or share this [student friendly slideshow!](#)
- [2024 Total Eclipse: Where & When - NASA Science](#)



Books:

- [When the Sun Goes Dark](#) by Andrew Fraknoi and Dennis Schatz
- [Total Solar Eclipse: A Stellar Friendship Story](#) by Jayme Sandberg and Kathleen Gaden



Videos:

- NASA Space Place: [What Is a Solar Eclipse?](#)
[Solar Eclipse 101 | National Geographic](#)



Solar Eclipse Party Guide:

- [Solar Eclipse Party and Activities – Vivify STEM](#)
- [Top Resources for the 2024 Solar Eclipse! – Vivify STEM](#)

Citizen Science and Community Events:

- [NASA TV Live](#)
- [Eclipse Soundscapes](#) and [Get Involved in the Eclipse Soundscapes Project - Participation Roles Overview](#) (YouTube)
- [Eclipse Overview - GLOBE Observer](#) and [How to Observe with GLOBE Eclipse](#) (YouTube)

Safety:

- <https://amzn.to/3HT2tYk> Eclipse glasses are NOT regular sunglasses; regular sunglasses, no matter how dark, are not safe for viewing the Sun during a solar eclipse

Activities:

Solar Eclipse Paper Circuit	Pinhole Projector	How can the little moon hide the giant sun?	Interactive 3D Model	Moon Observation Journal	Model Solar Eclipse
Vivify	Vivify	NASA	NASA	NASA	NASA

THANK YOU!

Thank you for downloading a Vivify product! If you have any questions, please email us at info@vivifsystem.com.

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ABOUT VIVIFY

Vivify is a K-12 STEM education resource company founded by two aerospace engineers, Natasha and Claire, with a passion for providing access to quality STEM education.



Our philosophy is that STEM transforms classrooms into an exciting world of curiosity, problem-solving, and creativity. STEM education can be an empowering interdisciplinary approach that brings math, science, and engineering concepts to life through challenging opportunities that mimic the complexities and excitement of the real world.

Every teacher or parent can incorporate STEM into their classroom or home given the right resources, and that is where Vivify comes in! We love creating STEM materials and are excited to bring STEM to more classrooms and homes! [Click here to learn more about Vivify.](#)



Connect with us for free STEM resources!

Subscribe to our newsletter and receive access to a library of [free](#) STEM resources through www.vivifsystem.com. Follow us on social media or listen to “[The STEM Space](#)” podcast for more resources and ideas.



Follow us for more STEM! @vivifsystem

Want more STEM?

For a complete list of all of Vivify STEM resources by topic and grade, go to: <https://www.vivifystem.com/curriculum-map>



Help! I need to plan a year-long STEM class! What should I cover? What is appropriate for each grade level?

We can help! [Click here](#) for guidance on a scope and sequence of a STEM class plus resources and examples for planning a STEM curriculum map.



3 Stages of STEM

STEM generally revolves around the Engineering Design Process that embraces failure, relies on teamwork, and requires critical thinking and creativity. While exciting, educators often become intimidated as a search for curriculum leads to an overwhelming range of activities from index towers to robotics competitions. At Vivify, we believe that not all STEM is created equal. Educators should adopt a [3 Stages of STEM](#) approach by progressively building towards more complex projects.

Click images for lessons for each stage!

