



STEM TIMES

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH News for Kids

Vol. 6: Issue 1 August 2017

Career Spotlight:

Astronomer: Sandra Faber

As a young girl, Sandy Faber loved to watch the night sky with her father. But it wasn't until she was in college that she really took stargazing seriously. Today Sandy is one of the most respected astronomers in the world. Her observations of galaxies have helped to explain how they form.

The road to stardom wasn't easy. On her first night of observing the sky in graduate school, Sandy fell off a telescope platform and got a concussion!

Sandy has never left Earth, but she's "travelled" billions and billions of miles away. She uses some of the most powerful telescopes around, such as the Hubble Space Telescope, the Lick Telescope in California, and the Keck Telescopes in Hawaii. These telescopes allow Sandy to "go" into deep space and see galaxies forming. Far out.



An Astronomer uses telescopes, satellites, and other instruments to observe other worlds and celestial objects beyond Earth. Sandy studies how galaxies, such as our own Milky Way, were formed.

Other astronomers

- investigate the mystery of dark energy that fills much of the Universe
- Explore the birth of stars
- Search for Earth-like planets outside our solar system

Learn more about STEM Careers at :

www.SallyRideScience.com

Where will you be on the day of the eclipse?

Did you know that for the first time in 100 years there will be a total solar eclipse that passes over the entire United States? Be on the lookout on

Monday, August 21st!



Sci/Tech News

Eclipse: Who? What? Where? When?
and How? Scan this QR code to find out.

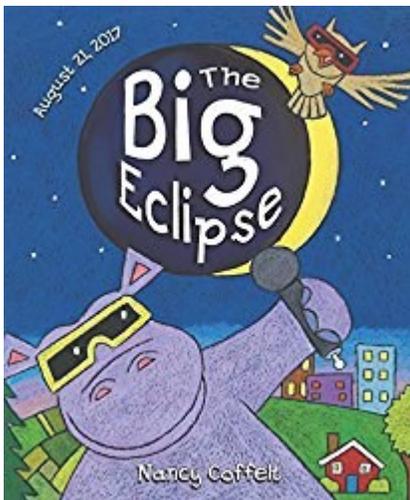


The Oatmeal

Can't get enough info
about the solar eclipse?
Try this!



Looking for a good book about eclipses?
Check out this list of books recommended by
the National Science Teachers Association
(NSTA)



Do you love Science or Math? Do you like building things or taking things apart? If so check out the Thomas Jefferson Admissions website

tjadmissions.org

Everything you need to know about applying to Thomas Jefferson High School for Science and Technology is there. Plus there are web links with cool games and puzzles (STEM Resources) for you to try out.