



Discovery Theater has presented live educational performances at the Smithsonian to young people throughout the Washington, D.C., area and beyond since 1979. With programs that enrich the Smithsonian experience for nearly 50,000 children annually, Discovery Theater is a gateway to the exhibits, collections, and themes contained in the museums and galleries on the National Mall and in our community. There's so much to do and explore at the Smithsonian—and Discovery Theater is the ideal place to begin!

OUR STAFF

Artistic Director.....Roberta Gasbarre
 Administrative Coordinator & Group Sales.....Sara Lokossou
 Production Manager.....Sam Game
 Technicians.....Louis Davis & Ashley Thweatt
 House Manager.....Morgan Hall
 Summer Interns.....Addie Gomez and Zach Artt

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D.C. Commission on the Arts & Humanities
 DC Public Schools
 The Nora Roberts Foundation
 Smithsonian Women's Committee
 Smithsonian Youth Access Grants Program
 Sommer Endowment



OUT OF THIS WORLD: THE SCIENCE OF SPACE WITH THE SCIENCE GUYS OF BALTIMORE



July 16-19, 2019
 Ages 5-12
 Grades 1-6

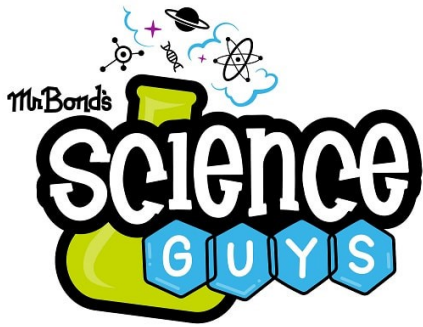


Smithsonian Associates

ABOUT THE SHOW

Join us for live demonstrations, fun factoids, and space stuff with the **Science Guys of Baltimore**! In this exciting show, we will go on a mission to investigate the physics and chemistry that govern the rotation and orbit of planets, how astronauts live in space, and power the spacecraft that hurtle among the stars.

ABOUT THE ARTISTS



Keith Trehly started Mr. Bond and the Science Guys in 1999, in Nashville, TN. He was trained as a Chemist, but was a new Dad, and he wanted to be able to combine both of his worlds. So he brought hands-on, interactive, and engaging science education into schools all over TN. His daughter, **Siena**, went to college in Baltimore at Goucher Col-

lege. During her time at Goucher, she began doing science birthday parties and other small weekend events, creating her small versions of the Science Guys. It wasn't until her Senior year of college, 2017, that she began the **Science Guys of Baltimore** with **Matt Simms**. Now, the Science Guys offer events year round, including Summer Camps, Birthday Parties, After-School Clubs, In-School Workshops and Assemblies, and special event Shows.

For more info, visit: www.scienceguysofbaltimore.com

SMITHSONIAN CONNECTION

Do you want to learn more about space? Try visiting the **National Air and Space Museum** on the National Mall to see exhibits like "Exploring the Planets", "Space Science" and "Exploring the Universe". Also try visiting the **Steven F. Udvar-Hazy Center** in Chantilly, Virginia. At this museum, you can see the exhibit "Human Spaceflight".

For more info, visit: www.airandspace.si.edu

TRY IT AT HOME!

How do planets orbit the Sun?

Materials:

- Orange Playdough
- Blue Ball
- Pie Tin

Instructions:

1. Flatten the orange playdough (the Sun) in the center of the pie tin.
2. Place the blue ball (the planet) in the pie tin
3. Try and tilt the pie tin so that the planet orbits around the sun!



Read more about this experiment here: <https://www.giftofcuriosity.com/how-planets-orbit-the-sun-a-montessori-inspired-activity/>

RELATED RESOURCES

Find Smithsonian education resources here:

www.si.edu/educators

Fun Science Experiments for Kids:

<http://www.sciencekids.co.nz/experiments.html>

Smithsonian Science Education Center:

[https://ssec.si.edu/explore-our-curriculum-resources?f\[0\]=field_is_free%3A1](https://ssec.si.edu/explore-our-curriculum-resources?f[0]=field_is_free%3A1)

We encourage you share your experience with us today through a photo or post on social media during or after the program. If you'll be using your phone, do it with consideration for those around you and on stage, and remember that recording the full program is not permitted.



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