



National Center
For Earth and Space Science Education



Family Science Night at the Smithsonian's National Air and Space Museum

sponsored by the
National Center for Earth and Space Science Education
and the
Smithsonian's National Air and Space Museum

Event Date: Tuesday, March 31st

Event Time: 6:45pm – 8:50pm

Dear parents and students,

On Tuesday, March 31, 2015, the National Center for Earth and Space Science Education (NCESSSE; <http://ncesse.org>) and the Smithsonian's National Air and Space Museum will be holding a *Family Science Night*. It is a school field trip to the Museum for families, after the close of normal hours, just for the parents, students, and educators from Arlington Diocese. The idea is to provide a family learning experience in the space sciences that are taught in the classroom. Adults do not participate as chaperons, but as parents, grandparents, aunts, uncles, and big brothers and sisters, to the children. It is a chance for a shared, cross-generational learning experience in a wonderfully exciting subject. We encourage you to invite your extended families! The program is free and suitable for 3rd grade and up. Younger siblings of students in grades 3 and above are allowed to attend as well.

A *Family Science Night* starts at 6:45 pm with guests entering the Museum in the *Milestones of Flight* gallery where some of the most remarkable flying machines ever constructed are on display, including: the Spirit of St. Louis, the Bell X-1, an X-15, the early rockets of Robert Goddard, Sputnik, Friendship 7 (John Glenn's Mercury capsule), and the Apollo 11 Command Module. Guests will be able to mill about in various Museum galleries for 30 minutes, including the interactive gallery *How Things Fly*. At 7:15 pm the program moves to the IMAX® Theater for a 35-minute presentation by a space scientist, *A Voyage That Will Forever Change Your Perspective of Home*, followed by the IMAX® film *Hubble 3D*. Descriptions of the talk and film are attached. The program concludes by 8:50 pm.

St. Agnes teacher, Emily Anders, and I are pleased to invite you and your family to this very special evening at the National Air and Space Museum on the National Mall. *Family Science Night* is made possible by the Carnegie Institution of Washington in support of NASA's MESSENGER mission to the planet Mercury; and by a grant from the District of Columbia Space Grant Consortium.

With best wishes for a wonderful evening,



Dr. Jeff Goldstein
Center Director

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The Evening Program:

Guests should enter and exit the Museum on Independence Avenue. Doors open at 6:45 pm.

Schedule:

6:45-7:15 pm Arrival at the Museum and exploration of open galleries

7:15-7:25 Entry to the IMAX® Theater

7:25-8:00 Welcome and Presentation: *A Voyage That Will Forever Change Your Perspective of Home*

8:00-8:45 IMAX® Film: *Hubble 3D*

*Younger students and their families are welcome to come for the open gallery and leave before the Presentation and IMAX Film.

IMAX® Film:***Hubble 3D***

Hubble 3D takes audiences on the amazing journey into space to experience the Hubble Space Telescope missions. Viewers will accompany astronauts on space walks as they attempt some of the most difficult tasks ever undertaken in NASA's history and will experience the amazing power of space launches, project setbacks and the dramatic rescues in this powerful and inspiring story surrounding the most important scientific instrument since Galileo's original telescope. [Premiered 2010]

Presentation by a Space Scientist:***A Voyage That Will Forever Change Your Perspective of Home***

How would you like to go to Pluto and back in an hour? You can even stop along the way at the dry riverbeds on Mars, ride a comet around the Sun, and see a hurricane on Jupiter that can swallow two Earths. Just because you live on Earth, doesn't mean you've seen it all. So let us take you on voyage that will forever change your perspective of home!

Reserve your spot!

To sign up for the Family Science Night, please make a reservation for each of your family members on sign up genius (if there are 4 people attending from your family, please sign up for 4 spots). The link is as follows and will also be emailed to you.

www.SignUpGenius.com/go/10C0844A8A628A5F85-family/