



NASA STEM Educator Professional Development

Hosted by the Audubon Aquarium of the Americas

July 1 – 3, 2015

NASA Education will be offering a no-cost, Science, Technology, Engineering and Mathematics (STEM) educator professional development workshop series. Sessions will be presented by NASA Education Specialists from around the country. Each workshop will focus on a specific NASA education topic and provide unique hands-on activities and materials to share with your students. Sessions will integrate NASA missions, real-world data, lesson plans, and online resources that will enhance your elementary and middle school curriculum with the excitement of aerospace exploration.



EARTH RIGHT NOW

Wednesday, July 1 - 9:00 - 11:30 a.m.

Our planet is changing. We're on it. Learn how NASA uses the vantage point of space to better understand our home and bring it into your classroom.



SPACE TECHNOLOGY DRIVES EXPLORATION

Wednesday, July 1 - 1:00 - 3:30 p.m.

How does technology drive exploration? Learn how space travel, robotics and science instruments advance NASA's space exploration, science and aeronautics capabilities.



JOURNEY TO MARS

Thursday, July 2 - 9:00 - 11:30 a.m.

A fleet of robotic spacecraft and rovers already are on and around Mars, dramatically increasing our knowledge about the Red Planet. Discover how together, humans and robotics will pioneer the next giant leap in exploration.



AERONAUTICS - COME FLY WITH US

Thursday, July 2 - 1:00 - 3:30 p.m.

Aeronautics has been part of NASA for more than 50 years. Learn about technologies developed from NASA research. A wide variety of aerospace activities and lesson plans available for educators and students will be shared.



OUR SOLAR SYSTEM AND BEYOND

Friday, July 3 - 9:00 - 11:30 a.m.

Explore NASA missions that are looking to answer key questions about our home planet, neighboring planets in our solar system and the universe beyond. A set of solar system lithographs will be distributed to each participant.



ISS - LIVING AND WORKING IN SPACE

Friday, July 3 - 1:00 - 3:30 p.m.

NASA is using the International Space Station (ISS) to learn more about living and working in space. These lessons will make it possible to send humans farther into space than ever before. Enjoy some surprising facts about living and working in space.

Register by June 12, 2015 at <http://www.auduboninstitute.org/education/programs>

Workshops will be held at Audubon Aquarium of the Americas, #1 Canal St, New Orleans, LA

For additional information, contact stephen.p.culivan@nasa.gov

Registration is limited to 30 4th - 8th grade educators for each session. NASA Certificates of Participation will be provided to all participants.