

**NASA**  
**Marshall Space Flight Center's**  
**2012 Take Our Children to Work Day**



Greetings NASA/MSFC Family,

It's that time of the year of again! Marshall Space Flight Center is pleased to sponsor another exciting Take Our Children to Work Day. The theme this year is "Build Opportunity through the Education Empowerment Experience." Marshall employees (civil servants and contractors) are invited to bring their children (Grades 3-12) to the Center to experience the interesting and exciting work that we do, and to see how their education is preparing them for the world of work in the future.

We have many exciting and educational hands-on activities and workshops scheduled this year. The children will be able to experience the sounds in the Acoustic Chamber while in operation in the Test Laboratory, and float on air atop the world's flattest floor. Sci-Quest has a presentation that is a blast this year as the children will learn about the laws of motion, rocket fuel and even see some explosive experiments. While they are fired up, they can stop by and see the fiery suitcase thruster demonstration. Other activities include demonstrations with liquid nitrogen, entitled "Cool Science – The Art of Cryogenics." In addition, Channel 19's Meteorologist, Jason Simpson, will be on hand to discuss the fascinating world of weather. We will also have a presentation entitled, "Earthquake 101, An Introduction to Seismology," and you will never look at a seashell the same way after you hear the presentation entitled, "Things We Learn from "Sea"shells". The children will also build their very own straw rocket and balloon rocket, experience the law of gravity when they make their very own parachute, and learn about the basic concepts of energy and illustrate them in a fun and messy way with the confetti launcher. We will also have a session on bullying.

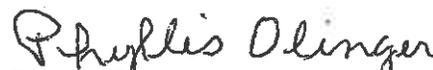
This is an opportunity for children to spend quality time with their parents and at the same time, be inspired and empowered by the endless possibilities of future careers in science, technology, engineering and math (STEM).

Have a safe, fun, and rewarding day!

Sincerely,

  
Abbie J. Johnson, Chairperson

2012 Take Our Children to Work Day Committee

  
Phyllis Olinger, Co-Chairperson