

NASA
Marshall Space Flight Center's
2011 Take Our Children to Work Day



Greetings NASA/MSFC Family,

Marshall Space Flight Center is pleased to sponsor another exciting Take Our Children to Work Day. The theme this year is "Inventing the Future." We invite you to bring your child(ren) (Grades 3-12) to the Center to experience the interesting and exciting work that we do.

Spending this day at the Center will assist the children in discovering the link between what they do now in school and what they aspire to do in the future. We have many exciting and educational hands-on activities and workshops scheduled. The children will be able to see and hear the Acoustic Chamber in operation in the Test Laboratory. Sci-Quest will take them on a journey through the solar system where they will learn the size of planets, how far away they are, and see chemistry experiments that will explore each of the different planets' unique properties. The U.S. Space and Rocket Center will present a lively and interactive presentation entitled, "Astronauts on the Job," which is a riveting basic introduction of the who, why and how of human space flight. Other activities include demonstrations on the following: the properties of liquid nitrogen, how to conserve our resources in space and on Earth, and fire prevention. The children will also design, build and program their very own Lego robot, battery powered robot or straw rocket. Participants will also be able to produce "electricity," observe magnetic field waves, create a vortex generator, and build a personalized balloon-powered lunar lander. The grand finale will be a demonstration of fiery suitcase thrusters!


It is our hope that this event will inspire our boys and girls to open their eyes to new and endless possibilities, and encourage future careers in science, technology, engineering and math (STEM).

We wish you all a safe, fun and rewarding day!

Sincerely,


Abbie J. Johnson, Chairperson

2011 Take Our Children to Work Day Committee


Phyllis Olinger, Co-Chairperson