

**NASA Marshall Space Flight Center (MSFC)
Educator Resource Center (ERC)**

NASA MSFC ERC SUMMER 2011 WORKSHOPS:

ERC On-site Workshops: Join us in the ERC classroom, on the first floor of the Education & Training Facility in front of the U.S. Space & Rocket Center in Huntsville, Ala. Workshops at the ERC will be canceled if no one has registered by the day before.

Online workshops!

You need only an Internet connection and audio capability to participate in the Educator Resource

Center Network (ERCN) workshops. To register, e-mail <MSFC-ERC@mail.nasa.gov>, and you will receive emailed login instructions beforehand and a certificate of participation afterward.

To register or for additional information, contact

Karen Kelley or Fred Kepner

MSFC-ERC@mail.nasa.gov

256-544-5812

Alabama FIRST LEGO League Meeting with Dana Hobbs, Th. June 9, 3:00-5:00p.m.

If you coached a FIRST (For Inspiration and Recognition of Science and Technology) LEGO League (robotics) team this year or are thinking about being involved in LEGO robotics, please come join us! The ERC hosted several successful networking sessions among new and experienced coaches last fall- it's time to follow-up, share ideas and discuss future plans! This is a great opportunity to meet and hear from Alabama's FLL Association Director, Dana Hobbs.

Intro. To LEGO Robotics Tues. June 14 2:00-4:00p.m.

Interested in robotics but don't know where to start? Do you want to start a For Inspiration and Recognition of Science & Technology (FIRST) Lego League (FLL) team at your school? This session is for you! After a brief introduction to robotics and NASA participants will build and program a very basic LEGO Mindstorms robot. We'll also share how the FLL robotics competition works, is aimed at older elementary and middle school students but the concepts are appropriate for any age student, and are easy to learn.

Advanced LEGO Mindstorms Programming T & Th June 14 & 16 5:00-7:00 p.m.

If you've already had the Intro. To LEGO Robotics session, or have coached a team, and want to increase your programming knowledge and experience, this two-part workshop is for you. Presented by Kim Daugherty, whose FLL team "Monkey Madness" won the 2009 and 2010 Alabama FLL competitions, these sessions will provide ample instruction and practice activities with an expert who can answer your questions about programming and coaching an FLL team.

ONLINE from the MSFC ERC:

NASA Resources and Opportunities

M June 27 10:00-11:00 a.m.

M July 25 10:00-11:00 a.m.

Learn about the latest that NASA education has to offer you and your classroom — from your home or wherever you are! We'll get beyond NASA's popular printed materials and introduce you to

and help you navigate the vast and varied things NASA has online, including professional development opportunities! There is something for all grade levels, K-12. The class will be geared toward the grade level teachers who register and attend the class.