

# Dr. Ronald E. McNair Educational Science Literacy Foundation Summer Science Camp for Students

## Earthlings Go Green

Presented at

Texas Southern University



**PURPOSE:** The DREME Summer Science Camp for students was established to continue Dr. Ronald McNair's vision of exciting and motivating teachers and students toward study involving science, math, and technology. It was Dr. McNair's hope that students, particularly the underserved, would become well-versed and comfortable in the disciplines and seek out career paths in science, technology, engineering, and math (STEM). The goal of the student camp is to provide a motivating and empowering educational program, which will enrich learning in these subject areas through exciting and fun hands-on experiments, activities, and field experiences. The importance of science, math, and technology will be brought to life. In addition, students will be exposed to motivating mentors in the field and further develop skills in problem solving, teamwork, and communication.

**CAMP DESCRIPTION:** The DREME Summer Science Camp for students is a week long program for students entering grades 5 – 8 in Fall. Students will attend classes daily from 8:00 a.m. until 4:00 p.m. The DREME Camp will explore the contemporary meaning of (Go Green), as well as various alternative nutrition. This will include Solar, Wind, Hydro, and Geothermal. Alternative Energy is a critical topic today and it directly impacts our future -There are simply not enough fossil fuels to sustain its usage as the foundation of our energy production forever. Future scientists and engineers will have to find cleaner and more efficient fuel for our future. Energy, as it relates to the aerospace industry, will also be investigated. Activities will include fun and educational hands-on experiments, solar car races, field trips, rocket launches, and presentations by NASA and other scientists and engineers.

### **ELIGIBILITY REQUIREMENTS:**

- Currently employed as a 4 – 8 grade classroom teacher or a science, technology, engineering, or math specialist / administrator
- Willingness to develop an integrated unit for classroom use and share activities with students in week 2.
- Willingness to share information with other educators
- Available (July 20-31, 2009)

Applications may be found on our website at [www.dremefoundation.org](http://www.dremefoundation.org).

For more information, please contact:

DREME Science Literacy Foundation

P.O. Box 580568, Houston, TX 77258-0568

(281)961-4353