***STEM***

**Session 1: Mission to Mars**

**S**cience **T**echnology **E**ngineering and **M**ath Explorations

for Students who are Blind and/or Visually Impaired

**Who:** Students who are Blind/Visually Impaired grades 5-8

**Where:** Missouri School for the Blind (MSB)

3815 Magnolia

St. Louis, Missouri 63110

**When:** July 9 – 20, 2012 (2 weeks)

**What:** Mission to Mars is an exciting and interactive opportunity for students to work

alongside our experienced ***STEM*** staff to develop skills for scientific inquiry which will allow them to increase their independence when participating in laboratory-based classes. Students will be well prepared for their quest to discover the mysteries of space as they are introduced to speech-accessible tools as well as modified laboratory procedures, which will enable them to perform laboratory experiments with limited sighted assistance. These accommodations are designed to change the laboratory experience by giving students who are blind/VI a more active and independent role in laboratory investigations. Students will have instruction in and access to state-of-the-art equipment in MSB’s newly renovated Science and Computer laboratories.

During Mission to Mars, students will explore aspects of space exploration, our solar system and ***STEM*** careerswhile participating in activities including rocket design and construction, electronics, scientific experiments and elements of space exploration. Students will design and construct a Space Station, participate in a simulated voyage to Mars, visit community-based ***STEM*** venues, meet professionals in the field and experience the challenges of living in a Lunar Colony.

**How:**  Just fill out the Registration found on the MSB website and return it to MSB by

May 18, 2012.