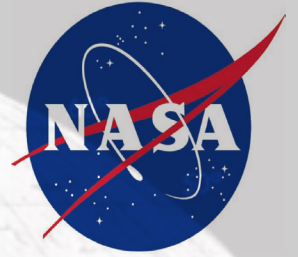


# TN NASA ERC Workshop for K-12 Teachers

## Title: Astronomical Misconceptions:



### Description:

- The North Star is the Brightest star in the sky!
- Summers are hot because we are so close to the Sun!
- The Big Dipper is a constellation!
- There are 12 "signs" of the Zodiac!
- Black Holes are like cosmic vacuum cleaners and will swallow everything - including us!

This workshop will clear up these misconceptions and give you the tools to understand and teach others. Included in the work shop is a tour of the night sky in MTSU's Star Lab Planetarium. You will also receive a star map so you can tour the real night sky from your own backyard!

Lastly, the workshop will feature a "Design-an-Alien" project. Younger students would use arts and craft materials to build a creature that could survive on each planet. They would be given the planetary information. Older students would be required to do some research on their assigned planet and then write a paper describing (with or without original art) a creature capable of surviving and thriving on each planet.

**Date:** Monday, May 7, 2006

**Time:** 4:00 - 6:00 pm

**Workshop Leader:** Jana Ruth Ford

**Location:** MTSU Campus, Fairview Building, 820 Fairview Ave., Murfreesboro TN

**Audience:** K-12 Teachers

**Register:** RSVP - Judy Carter, [jcarter@mtsu.edu](mailto:jcarter@mtsu.edu) or 615-904-8573 by May 4, 2007

