

# New Jersey Astronomy Center

## Introduction to Hands-on Astronomy II: Stars & Galaxies

Designed for Teachers Grades 5-12

Friday, December 5, 2008

When most people think of astronomy they imagine expensive telescopes and nighttime observing, neither of which are practical in the classroom. However, there are multitudes of ways to do hands-on inquiry-based astronomy activities during the day in the classroom that do not need expensive equipment.

During the 6-hour workshop teachers will experience inquiry-based activities that address Science Standards related to Stars (Astronomy - Strand C) and Galaxies and the Universe (Astronomy - Strand D):

- Locate Stars and Constellations in the Night Sky
- Investigate the Properties of Stars
- Explore the Life Cycle of Stars
- Investigate Properties of Galaxies
- Investigate the Expansion of the Universe

Teachers will receive 6 professional credit hours in addition to astronomy posters, pictures, other handouts, a CD-ROM, and light breakfast and lunch. A workbook (*More Universe at Your Fingertips*) filled with over 45 astronomy activities is also included.



New Jersey Astronomy Center at Raritan Valley Community College

Route 28 & Lamington Road, North Branch, NJ 08876

Phone: 908-526-1200 x 8942

[www.raritanval.edu/planetarium/teachinginstitute.htm](http://www.raritanval.edu/planetarium/teachinginstitute.htm)

NJ Professional Development Provider #273

NJSSI Specialty Site in Astronomy