Patterns in the Sun, Earth, and Moon Systems
December 9, 2013
For 3-5th grade teachers
Create models of the Sun, Earth, and Moon systems, and explore the patterns of their motions through hands-on activities. Make observations, and predict the changing patterns in the day, seasons, phases, and more. Addresses TEKS 3.8 (C,D), 4.8 (C), 5.8 (C).

Earth’s Changing Surface
December 18, 2013
For 3-5th grade teachers
Investigate erosion through stream tables and a variety of other models, sort rock types, and explore and compare landforms formed through erosion, deposition, and volcanic eruptions. Addresses TEKS 3.7 (A, B, C), 4.7 (A, B), 5.7 (B).

Solar System and Seasons
January 22, 2014
For 6 & 8th grade science teachers
Explore kinesthetic models of the solar system and the motions of the Earth, and hands-on models for seasons and for gravity. Use observational data to build a deeper understanding of seasons. Includes a variety of formative assessment strategies. Addresses TEKS 6.11 (A, B) and 8.7 (A).

Moon Mania: Lunar Phases and Tides
January 29, 2014
For 8th grade science teachers
Use observations of the Moon’s changing appearance and hands-on activities to build an understanding of the lunar cycle. Explore kinesthetic models of the moon’s phases and of tides. Discover common student misconceptions and formative assessments. Addresses TEKS 8.7 (B and C).

Characteristics of the Universe: Stars and Galaxies
February 13, 2014
For 8th grade teachers
Discover how astronomers study the stars and galaxies that make up the Universe! Create classification diagrams, explore the electromagnetic spectrum, and model the scale of our Galaxy through a variety of hands-on activities. Addresses TEKS 8.8 (A,B,C,D).

Fee: $30/day (includes extensive presentation materials, reference materials, hands-on lesson plans for the classroom, refreshments, and lunch)

Register online: http://wms.hcde-texas.org
For registration assistance, please contact Liliana Maldonado (713) 696-1306.