Patterns in the Sun, Earth, and Moon Systems  
September 17, 2015  
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).

Cracking Up:  
Plate Tectonics and the Structure of the Earth  
October 1, 2015  
For 6th and 8th grade teachers  
Model the structural layers of the Earth, investigate the data that led to the theory of plate tectonics, and discover the relationship between plate tectonics and earthquakes, volcanos, and mountains, through data analysis and hands-on activities. Addresses TEKS: 6.10 (A, C, D) and 8.9 (A, B).

Seasons and Lunar Phases  
October 13, 2015  
For 8th grade science teachers  
Use observations of the Sun’s changing position in the sky, the Moon’s changing appearance, and hands-on activities to build an understanding of seasons and the lunar cycle. Explore kinesthetic models of the moon’s phases and discover common student misconceptions and formative assessments. Addresses TEKS 8.7 (A and B).

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.