RARITAN VALLEY COMMUNITY COLLEGE
Science Education Institute

NEXT GENERATION SCIENCE STANDARDS

Use Starlab to Make Science Come Alive for Your Students
Join us at our Starlab Training
Wednesday November 30, 2016

Starlab is an inflatable dome on which you can project vivid images of the night sky, ancient mythological characters, our solar system and galaxy, Earth's weather patterns and geological features, or the biological cell. Starlab is easily transportable and fits into a small car; it can be set up in fifteen minutes and accommodates up to thirty students. The Starlab dome does require a clean floor space of 20 x 22 feet and a 12 feet high ceiling.

Starlab is the prefect tool to make science come to life for students. It helps teachers prepare for the Next Generation Science Standards (NGSS) by allowing students to make observations, collect and analyze data, and construct explanations for natural phenomena in astronomy, earth science, and biology. Astronomical phenomena such as the daily and yearly motions of the Sun, Moon, planets, stars, and constellations are easily observed with Starlab. Data from these observations presents students with the evidence to develop models and construct explanations for these phenomena. Starlab also includes projection cylinders related to earth science concepts such as ocean currents, weather and climate, and plate tectonics, and biology concepts such as the cell. At the training, participants will learn how to set up, maintain, and repack the Starlab system.

The Starlab Training will be held at Raritan Valley Community College in North Branch, NJ. The training will begin promptly at 9 am and end by 4 pm. Light breakfast and lunch will be provided.

The Starlab training is led by Mariel O'Brien, an astronomy educator who has used Starlab extensively with K-12 students, and is co-facilitated by K-12 educators from the NGSS Teacher Leader Program.

The fee is $150 – Teachers who complete the training are eligible to rent Starlab for a fee of $375/week.

For more information and to register visit our website at www.raritanval.edu/njace or contact Mariel O'Brien at mariel.obrien@raritanval.edu or 908-526-1200 Ext 8942.