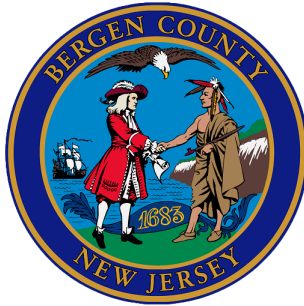


BERGEN NEW JERSEY *County*



James J. Tedesco III

County Executive

Bergen County Board of Commissioners

Steven A. Tanelli
Chairman

Tracy Silna Zur
Vice-Chairwoman

Dr. Joan M. Voss
Chair Pro Tempore

Commissioners

Mary J. Amoroso

Ramon M. Hache, Sr.

Germaine M. Ortiz

Thomas J. Sullivan

Bergen County Department of Health Services
Hansel F. Asmar, Director/Health Officer
One Bergen County Plaza, 4th Floor Hackensack, NJ07601
201-634-2600
www.bergenhealth.org

BERGEN COUNTY OFFICE OF ENVIRONMENTAL HEALTH

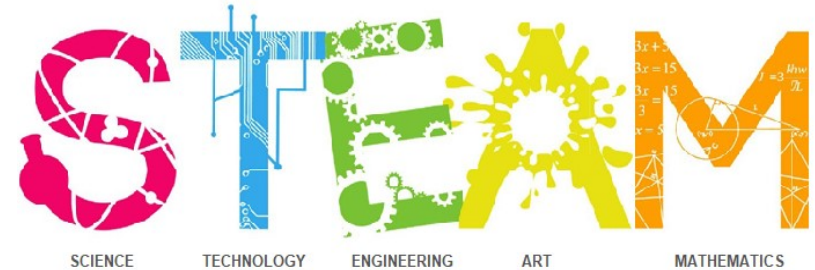
TEACHER TRAINING PROGRAMS

S.T.E.A.M AHEAD

2021 Professional Development Workshops



Registration opens September 6, 2021



ART + SCIENCE = PROGRESS



Universal Instructional Design:

Expand your teaching style to be all inclusive! Through the use of the principles of Universal Instructional Design (UID), you will learn how to develop programming that will enable you to reach individuals with varying learning styles.

Earth in Our Sites:

Global warming is a controversial issue that is rooted in the cyclic behavior of the Earth. Learn about air quality issues and the dangers of volatile trees, water vapor, and our ever changing climate.

Solar Weather:

Get up close and personal with our nearest star, the Sun as seen through the eyes of SOHO, STEREO, and SDO. Learn the real deal about the seasons and how solar storms wreak havoc upon the Earth.

REDUCE, REUSE, RECYCLE FROM THE EARTH TO THE MOON

Earth's Moon is critical to life on earth and has been a source of wonder and awe for generations. This workshop will illuminate the role that earth's moon plays in the dynamic processes of the earth, such as the tides, and reviews humanity's efforts to research our satellite. NASA's Artemis mission scheduled to land on the Moon in 2024 will be discussed in detail.

BERGEN BITES BACK

Learn about the ticks and mosquitoes that invade our area each year, some of which carry arboviruses. This workshop will provide audiences with the tools that they need to prevent infestations and protect themselves against these vectors of disease. The globe mosquito and tick programs will be introduced.

Black Holes & Other Mysteries of the Universe Revealed:

Gravity is a fundamental part of our existence on earth and is crucial for life on earth to exist. Black Holes, are gravitational dynamos, and lie at the center of our understanding with regard to the nature of the universe and creation itself. Learn about these amazing objects, one of which lies at the center of our own Milky Way galaxy, and be exposed to the true nature of gravity along the way.

Is there Life in the Universe?

Investigate the criteria that we use to determine life on earth and how that criteria can be used, or not, to search for life in the universe. Extremophile organisms and exoplanets will be revealed and we will challenge your understanding of what it means to be alive. NASA's TESS mission will be discussed.

Professional development workshops are offered throughout the year.

To be included on our mailing list please call or email:

Laura Jean Checki

Environmental Specialist Educational Programs

201-336-7287

lchecki@co.bergen.nj.us

All workshops carry the potential to obtain up to 6 CEUs depending upon your administration's requirements