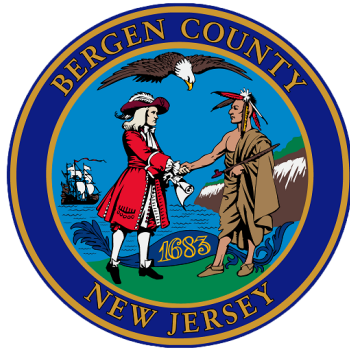


BERGEN NEW JERSEY *County*



James J. Tedesco III

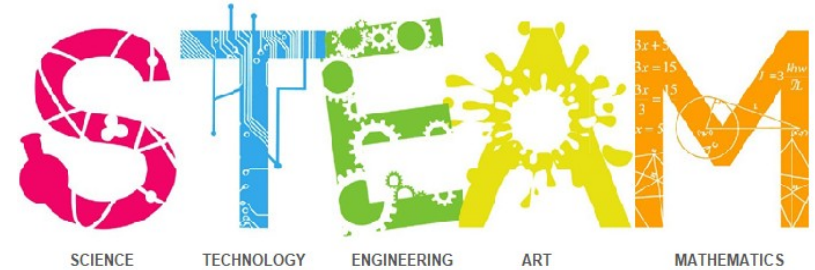
Bergen County Executive

&

Board of County Commissioners

Bergen County Department of Health Services
Hansel F. Asmar, Director/Health Officer
220 E Ridgewood Avenue, Paramus, NJ 07652
201-634-6804
www.bergenhealth.org

BERGEN COUNTY OFFICE OF ENVIRONMENTAL HEALTH TEACHER TRAINING PROGRAMS **S.T.E.A.M** AHEAD



ART + SCIENCE = PROGRESS



UNIVERSAL INSTRUCTIONAL DESIGN:

Expand your teaching approach to reach learners of all abilities and learning styles. Through the principles of Universal Instructional Design (UID), participants will explore strategies for creating accessible, engaging, and inclusive educational experiences for diverse educational and community settings.

CLIMATE CHANGE— BEYOND THE HEADLINES:

Climate change, air quality, and environmental instability are shaping the future of our planet. Explore the science behind Earth's changing systems, including greenhouse gases, water vapor, extreme weather, and human impact on the environment. Participants will gain a deeper understanding of the complex forces influencing our climate and the challenges facing future ecosystems and communities.

**REDUCE, REUSE, RECYCLE:
FROM THE EARTH TO THE MOON**

Water has guided human civilization, shaped exploration, and remains essential to life on Earth and beyond. This thought-provoking program explores the interconnected relationship between Earth's oceans, sustainability, space exploration, and humanity's future.

The program explores microplastics, ocean pollution, the Great Pacific Garbage patch, and the importance of protecting Earth's natural resources while exploring how water is driving modern lunar exploration through NASA's Artemis program. The program emphasizes how sustainable practices used here in Bergen County connect directly to the future of sustainable human exploration beyond Earth.

BERGEN BITES BACK:

Ticks and mosquitos are more than just a nuisance — many species found in our region can transmit serious diseases to humans and animals. This engaging workshop explores the biology, behavior, and public health impact of these biting pests while providing practical strategies to prevent bites, reduce infestations, and protect yourself and your family. Participants will also learn about Bergen County's mosquito and tick surveillance, control, and education programs.

WEST NILE VIRUS:

West Nile Virus is a growing public concern as invasive mosquito species continue to spread into new regions. Learn how the virus is transmitted, recognize the signs and symptoms of infection, and discover practical ways to reduce mosquito breeding areas and protect yourself and your family from mosquito-borne diseases. The program will also introduce the County's mosquito surveillance and prevention efforts.

IS THERE LIFE IN THE UNIVERSE?

Investigate the criteria that scientists use to define life on Earth and explore how that criteria, may or may not, apply to the search for life in the universe. Discover extremophile organisms, exoplanets, and the cutting-edge science shaping our understanding of what it means to be alive.

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
201-634-2727**

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