HPSCD Science Lab Renovation

STEAM - Science Technology Engineering Arts & Math

The renovation of middle and high school science labs has been a part of the facilities’ upgrade to create a modern learning environment. The new labs allow for the integration of STEAM (Science, Technology, Engineering, Arts, and Math) and provide a space for innovative and hands-on learning. Students from the original cohort of the high school in 1963 and now, their children, come together to support the upgrade of their school. This initiative is aimed at enhancing student engagement in STEM fields and preparing them for the future.

District STEAM Fair - From STEM to STEAM in 2017

Science teachers were joined by the Fine and Performing Arts teachers to virtually showcase STEAM education.

More than 250 high school students volunteered to give talks and demonstrations.

AP Science Enrollment

2010
- 48 Science Courses: Biology, Chemistry, Physics
- 63 Students enrolled in AP Science courses
- 3 Sections of General Biology

2017
- 54 Science courses: Biology, Chemistry, Environmental Science, Physics
- 117 Students enrolled in AP Science courses
- 3 Sections of AP Statistics

Project Lead the Way is a national non-profit organization that HPSCD is partnering with to implement high-quality STEM curriculum. P-20 Roosevelt High School currently offers PLTW pathways in engineering and computer science.

Growing Careers in Science

- Students are exposed to diverse career paths and work experiences presented to over 9,000 new roles.

New NYS Science Learning Standards begin in 2017

NYS adopted the Next Generation Science Standards (NGSS) to begin a transformative change in K-12 science education.

Science education should reflect the interdisciplinary nature of science as practiced and experienced in the real world.

- HPSCD is the first district in New York State to integrate the infrastructure of science education.

The Hyde Park Central School District empowers our community to strive for excellence and embrace the opportunities of our globally connected world.

Source: Created by the Hyde Park Central School District - 8.2.3 Math & Science Division - Kim Asztalos - www.hpschoolinfo.org

Updated Science labs will help us to add a Biomedical Science Pathway.