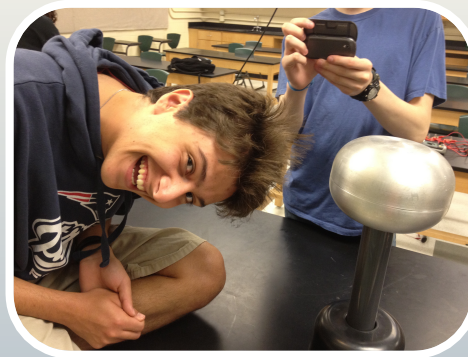


Start now!

Middle school is the perfect time to start thinking about whether you want to enroll in the STEM Academy at HHS. Students may enroll in the STEM Academy as freshmen and start taking courses during their first year at HHS.

Talk to your parents, guardians and teachers about your interests and skills.

There are a variety of options to prepare you for college and a career.



STEM Academy Concentrations

STEM is not just one course of study. Just as there are many STEM careers, there are many STEM pathways to prepare students with 21st century skills.

- Health & Life Sciences
- Engineering
- Physical Sciences
- Earth & Environmental Sciences
- Applied Mathematics

Haverhill High School
is where YOU belong!



STEM Academy



STEM Academy at HHS

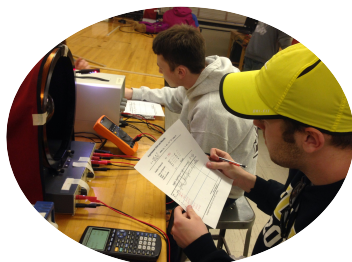
137 Monument St, Haverhill, MA 01832

www.haverhill-ps.org

The mission of Haverhill High School is to produce self-directed learners who read, write, and speak effectively in Standard English and who apply analytical and technological skills to interpret information and problem solve.

What is STEM?

STEM is the field of study that involves the interconnected subject areas of science, technology, engineering and mathematics. **Science** is the systematic study of the world around us. **Technology** refers to anything that is man-made and includes anything from a can opener to a super-computer. **Engineering** is the design, testing and building of new products and technologies. **Mathematics** is the investigation of patterns in shape and quantity and examples can be found in engineering, financial applications and even sports.



Why STEM?

While enrolled in the STEM Academy, students will:

- *STEM occupations are projected to grow by 17% from 2008 to 2018, compared to 9.8% for non-STEM occupations.*
- *STEM workers earn more! On average, they earn 26% more than non-STEM workers.*
- *Some STEM careers require only two years of formal post-secondary education.*
- complete rigorous and relevant coursework including Advanced Placement® courses
- learn valuable 21st century skills
- have access to interesting field trips, guest speakers and internships
- have the opportunity to explore a variety of STEM fields through our “awareness – exploration – immersion” model
- be taught by talented faculty with connections to higher education and industry professionals.

US Dept of Commerce, STEM: Good Jobs Now and for the Future. ESA Issue Brief, July 2011

Who can enter the STEM Academy?

Any student with an interest in STEM may join. Talk to parents and guidance counselors to help you decide.

Do I have to enroll in the STEM Academy to take STEM courses?

There is no application process. All students may complete a STEM concentration. You must declare your interest in completing a STEM concentration during sophomore year.

I'm not a straight-A student. Can I still join?

Absolutely! The range of STEM careers is vast and students of all ability levels can find a path to suit them.