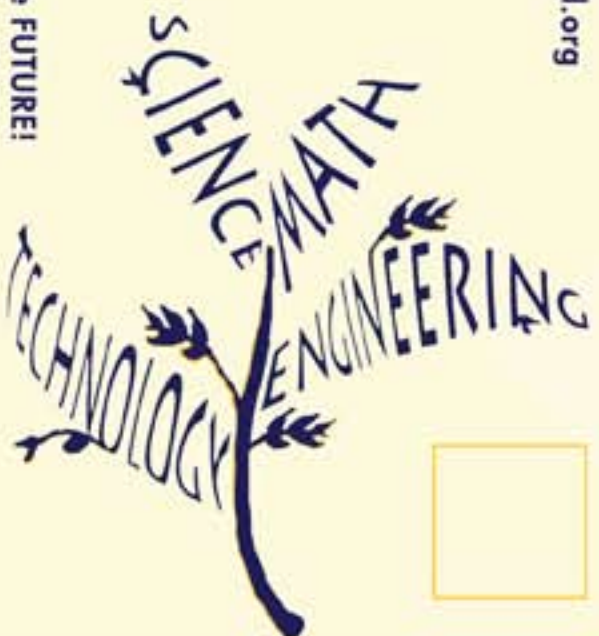


Downingtown Area School District
126 Wallace Ave.
Downingtown, PA 19335

Visit us at www.dasd.org



EXPLORE the present, invent the FUTURE!

S.T.E.M. GOALS

Our goals are to...

...attract a broad spectrum of students who will be immersed in STEM learning experiences.

...offer advanced educational opportunities for students in the fields of science, technology, engineering and mathematics.

...provide students with a high quality, project based education designed to give them the skills necessary to compete in the global economy.

...working with faculty, students will design their own independent and group-based investigations intended to create an enthusiasm for discovery, invention and application.

...provide an education that is dynamic, relevant, and has rigorous content.

...offer a highly personalized learning environment within a small school model.

...create a community that is committed to a student's academic and personal success.

...offer high school/college enrollment programs, co-ops and internships.

...partner with area colleges and STEM businesses to assist in the development of our new STEM high School.



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Downingtown, PA 19335

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invent the FUTURE!



WHY S.T.E.M.

STEM-related fields are among the fastest growing careers.

To compete in a global economy the US must produce a highly-qualified generation of researchers, workers, and teachers in the widespread fields of science, technology, engineering, math and medical.

The issues facing our nation and the world today also have explicit connections to STEM fields. Tackling today's challenges rely on the knowledge and skills a STEM education provides.

The Curriculum will be...

...developed by highly qualified and trained educators, staff, consultants and many local education and science professionals. We are applying for an International Baccalaureate program to enhance the school's educational framework.

...designed to connect academics to each other and to the world around them.



WHEN & WHERE

When

The school will open in 2011 for ninth and tenth grade students, with plans for grades 11 and 12 phased in as the students advance grades.

Where

The S.T.E.M. Academy will be located in the renovated Downingtown Educational Center. 335 Manor Ave. Downingtown, PA 19335

The DEC, Downingtown Area School District's oldest facility, was built in 1933. Seventy-eight years later this cherished facility will become one of the region's most unique and advanced high schools.



Downingtown S.T.E.M. Academy

EXPLORE the present...
Invent the FUTURE!

Through The Downingtown S.T.E.M. Academy many careers are within reach, here are just a few...

- Accountants and Auditors
- Aerospace Engineers and Airline Pilots
- Anthropologists and Archeologists
- Astronomers and Astronauts
- Biomedical Engineers
- Chemists
- Civil Engineers
- Computer Systems and Network Support
- Environmental Sciences
- Forest and Conservation
- Forensics
- Doctors, Surgeons, Dentists, and Nurses
- Meteorologists
- Nuclear Engineers
- Surveying, Mapping and Geographers
- Teachers
- Veterinarians and Zoologists

For more information, contact us at 610-269-8460 or info@dasd.org

Please fill out the information below and return it to:

S.T.E.M. Academy Information
126 Wallace Ave.
Downingtown, PA 19335
610-269-8460

Name _____

Address _____

City, State, Zip _____

Email address _____

Child's Name _____

Child's present grade _____

Child's present school _____

Please check all that apply:

- I am interested in receiving updates about the progress of the S.T.E.M. academy
- My child is interested in attending the S.T.E.M. Academy.
- My business is interested in receiving S.T.E.M. Partnership/Sponsorship information.

Would you like more information about our S.T.E.M. Academy?