



6th, 7th, and 8th Grade



**FAMILY
OPEN
HOUSE**

Watertown High School

Monday, October 7, 2019
6:00 - 8:30pm

Come and see all
our great programs!

Welcome to 6th, 7th & 8th Grade Family Open House

Mathematics



The Math Department offers a range of courses designed to take students from Algebra I through anywhere from Algebra II to AP Calculus and AP Statistics. Courses are built on the foundation that students will learn both the mechanics of the mathematical language and the understanding of what they can do with those skills. The Math Department is also home to the high school's Computer Science classes, including a course in game design, Python and Java (an AP course).

Science



In keeping with the need for increased scientific literacy, the Science Department currently offers a variety of courses in physical science, biology, chemistry, and physics. In addition to the grade 9 and 10 programs a number of popular elective science courses are offered for grades 11 and 12 including astronomy, biology, chemistry, anatomy and physiology, physics, earth science and environmental science. Numerous AP electives are offered as well.

History/SS



The Social Studies curriculum is designed to help students to become civically-engaged and globally-responsible members of society. Students begin with a two-year comprehensive examination of United States history, linking their Middle School studies with the early colonial governments. After their junior year studying modern World History, students can choose between Civics, American Legal System, and Psychology as seniors. We have a robust Model UN Club and we are currently organizing a trip to Central and Eastern Europe.

Digital Learning/Library



The Digital Learning and Library Media Department's mission is to promote critical thinking, creativity, communication, collaboration, and information literacy through the use of analog and digital texts and technology used by students and teachers in personalized, blended learning and virtual environments. 3D modeling, creative computing and fablab experiences are part of this learning spectrum.



The arts are an integral part of the human experience. They are an essential component in the education of all people and enable us to celebrate, and preserve our diverse cultural heritage. Students of the arts activity participate in and experience their learning, using all of their senses while discovering and developing their own unique intelligences and learning styles.

Ensembles -Chorus -Band -String Drama -Fundamentals of Drama -Advanced Acting	General Music Guitar Wk I Electronic Music I Reach Out Music Guitar Workshop II	Co-curricular Fall Play Spring Musical A Cappella Choir Jazz Band Percussion Ensemble
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World Language



Arabic, Armenian, Italian, Spanish. Teach and learn for proficiency -- students will be able to communicate. New this year, students who prove their ability to speak, listen, read, and write in English and another language will be honored with the Seal of Biliteracy on their diplomas, transcripts, and at graduation.



Family and Consumer Sciences

This program prepares students to make informed decisions about their well-being, relationships and resources to achieve optimal quality of life.

Culinary Arts I & II

Modern Family Life I & II

TV and Radio Production

Learn about mass communications, film and video production including editing and shooting videos in a state-of-the-art TV studio. In Radio, learn about the importance of writing and language choice to "paint" the word picture into storytelling, advancing stories and opinions, without the benefit of pictures.

- Radio Broadcasting
- Digital Video Making
- Television News Production
- Studio Television Broadcasting
- Advanced Radio/TV Capstone



Industrial Technology

Through authentic applications this program prepares students for college and/or advanced training. The courses stress the use of the design process and the application of program solving skills.

- Construction Technology I and II
- Graphic Design I
- Graphics II - Web Design

Business Education/Technology

Students learn to manage money, organize time, work and resources effectively while exploring career options and requirements for employment and academic success.

- Accounting
- Computer Applications
- Personal Finance/Economics
- Student and Television Broadcasting
- Advanced Radio/TV Capstone



The ELA Departments mission is to motivate students to develop an appreciation for human experience through exposure to literature of all kinds; to encourage them to think independently and analytically; to aid them in strengthening their skills of self-expression, both written and oral; and to assist them in building an understanding of the history and structure of the English language. We offer Level One English classes for grades 9-12 plus Transitional English, Exploring ELA Practices, Honors English 10-12, AP Language and Composition, and AP English Literature and Composition.



PLTW courses offered at Watertown High School

- Introduction to Engineering Design
- Principles of Engineering
- Digital Electronics
- Engineering Design and Development Capstone
- Introduction to Robotics (not PLTW)