RHAM High School

Regional School District 8
Hebron - Andover - Marlborough

RHAM High School | 85 Wall Street | Hebron, CT 06248
860-228-9474 | Fax: 860-228-5312 | Athletics: 860-228-5304 | Guidance: 860-228-5301

Distribution of 2015 SAT Scores

Score Range	# Reading	# Math	# Writing
700-800	11	22	13
600-690	53	65	50
500-590	96	86	95
400-490	56	38	52
300-390	3	7	8
200-290	0	1	1

*128 students tested in 2014-2015

Post-Secondary Education

	2013	2014	2015
% 4yr Colleges	71	71	73
% 2yr Colleges	26	25	15
% Tech Schools	1	2	1
% Entering Military	1	1	4
% Entering Workforce	-	-	6

AP Exam Score Distribution

Exam	# Testing	% at 3 or Higher
Biology	17	100
Calculus AB	9	44
Calculus BC	30	97
Chemistry	10	90
Music Theory	1	100
English Lang/Comp	61	100
English Lit/Comp	10	90
European History	18	100
Latin	1	100
Physics I	15	27
Physics C - Electricity	8	38
Physics C - Mechanics	9	78
Psychology	16	100
Statistics	78	92
Studio Art 2-D	2	50
Studio Art 3-D	2	100
Studio Art Drawing	3	100
US Gov't/Politics	4	75
US History	23	96
French Lang/Culture	5	20

We are excited to share this overview of the offerings and opportunities available to students at RHAM High School. RHAM offers a wide range of challenging courses and programs along with many opportunities for students to discover and explore new interests.

RHAM High School

RHAM High School has a long tradition of creating a learning environment for students where expectations are high for academic, social, and civic growth. We offer a wide variety of classes to engage students and help them build skills essential for success in any community they join after high school.

Our extra curricular activities are varied and offer opportunities for students to build skills while also enjoying time with peers who share similar interests. In addition, our school culture continues to have a civic component where students are encouraged to be an integral part of the larger community through community service projects and other volunteer activities, many of which are designed by the students themselves.

We look forward to welcoming your child to the RHAM High School community and are always available to speak with you about your own child's needs or about the school in general. Please feel free to contact us if you would like more detailed information about any of our programs or activities.

You can find more information about student activities and RHAM programs on our website http://www.rhamhs.reg8.k12.ct.us/pages/Rham_High_School or by calling 860-228-9474.

Guidance

The RHAM High School Guidance Department has:

- Six full-time Masters level Counselors
- A full-time AHM Social Worker
- A full-time and an additional part-time School Psychologist
- A full-time Career and Technical Education Coordinator
- A part-time AHM Substance Abuse Counselor

The RHAM School Guidance Department is committed to helping all students achieve personal growth, continue to develop positive social skills and values, and realize full academic potential in order to become productive, contributing members of the community. School Counselors use their skills in the areas of counseling, advocacy and collaboration to support the RHAM school district in their mission to prepare each student to meet high academic standards and to complete school fully prepared to choose from an array of substantial postsecondary options.

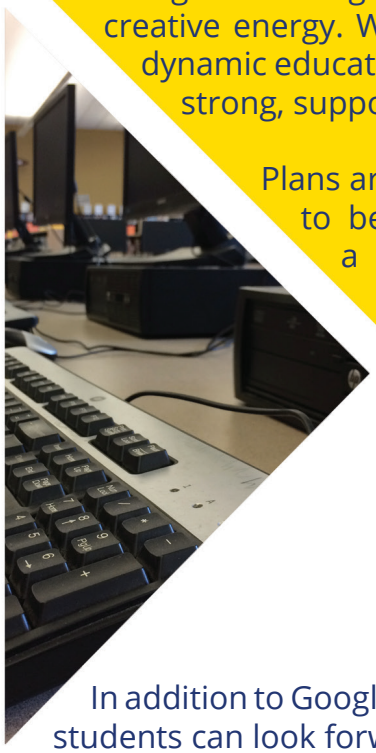
Based on student needs, RHAM school counselors, social worker and school psychologists lead groups on topics such as bereavement, divorce, anger management, smoking cessation, post-secondary anxiety, and girls empowerment.

Many opportunities for advanced study are available through our close connection with post-secondary institutions. Additional coursework is offered through Virtual High School, independent studies, work-based learning, online course options, and the College Career Pathways Program through which students may earn college credit.

RHAM High School hosts an annual college fair in the fall as well as a full day career exploration event in the spring. In addition, college admissions counselors and military recruiters regularly visit the RHAM High School campus. Counselors work with students and families to investigate all post-secondary options.

Let us help you succeed!

Instructional Technology



RHAM High School prides itself on preparing students to succeed in a digital world. As a Google School, RHAM has created a true "high tech, high touch" balance that supports the development of productivity and communication skills using current and cutting-edge technologies, while focusing on the personal needs and goals of our students.

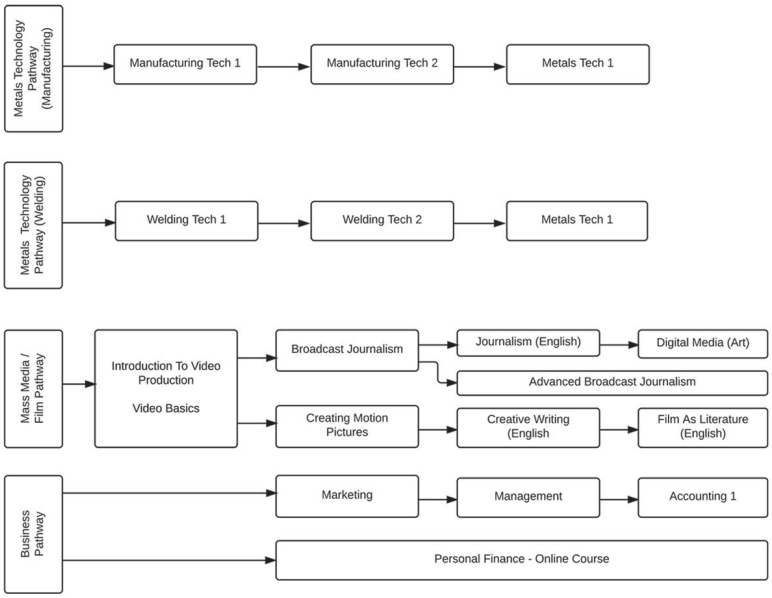
Teachers blend classroom-learning opportunities and support with digital-learning activity to maintain academic rigor and creative energy. While technology is leveraged to integrate dynamic educational experiences, we focus on providing a strong, supportive community.

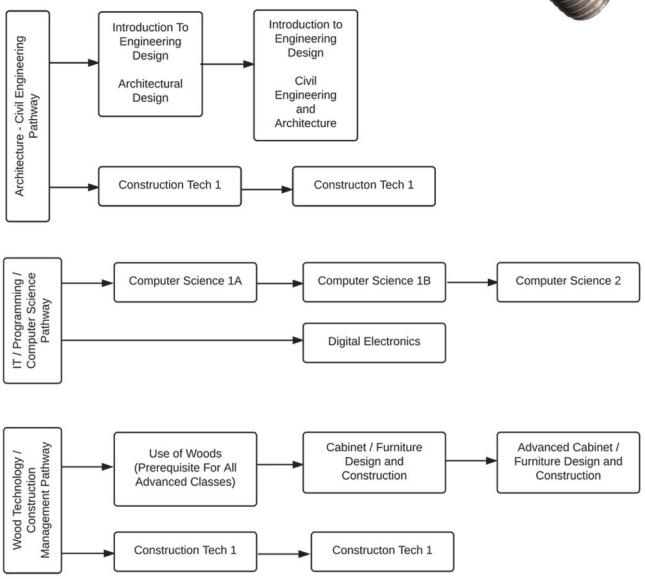
Plans are in place for RHAM High School students to be issued Chromebooks in the course of a multiple year roll out of a one-to-one computing initiative. SmartBoards are standard in every classroom.

Teachers make regular use of available technology to access a wide range of online resources as well as to aid in the creation of documents and presentations.

In addition to Google Apps for Education, students can look forward to engaging with a variety of digital tools such as Glogster, PowToons, GoAnimate, BackChannel Chat, PearDeck, Kahoot, Socrative, Kaizena, and others.

RHAM's Applied Technology Department offers students a wide range of opportunities to explore technology options ranging from the use of woods and metals in construction to aeronautics engineering, video production, and online business practices.





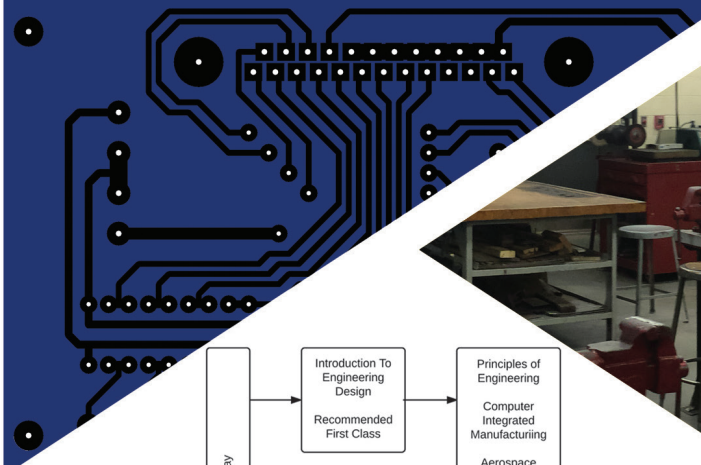
Applied Technology

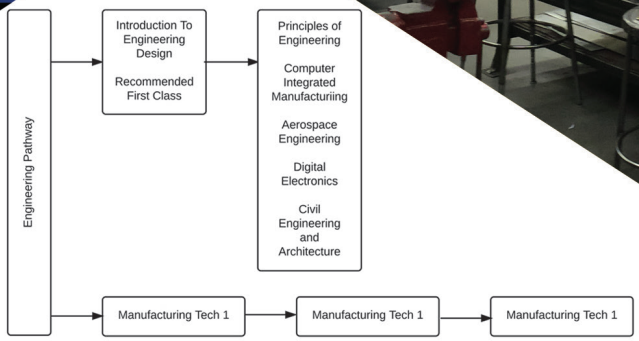
Students are able to explore a number of different areas and/or immerse themselves in one particular area of interest. Our technology offerings are ideally suited to prepare students for careers in technology and the challenges they will encounter in college and 21st century careers.

Students will find that our technology courses complement our math and science offerings, providing them with the opportunity to immerse themselves in a rigorous STEM program during each of their four years at RHAM.

Students taking RHAM's engineering courses have the opportunity to earn college credit through the University of New Haven.

College credit through the Career Pathways Program at Manchester Community College is available for students in the financial accounting and broadcast journalism classes.

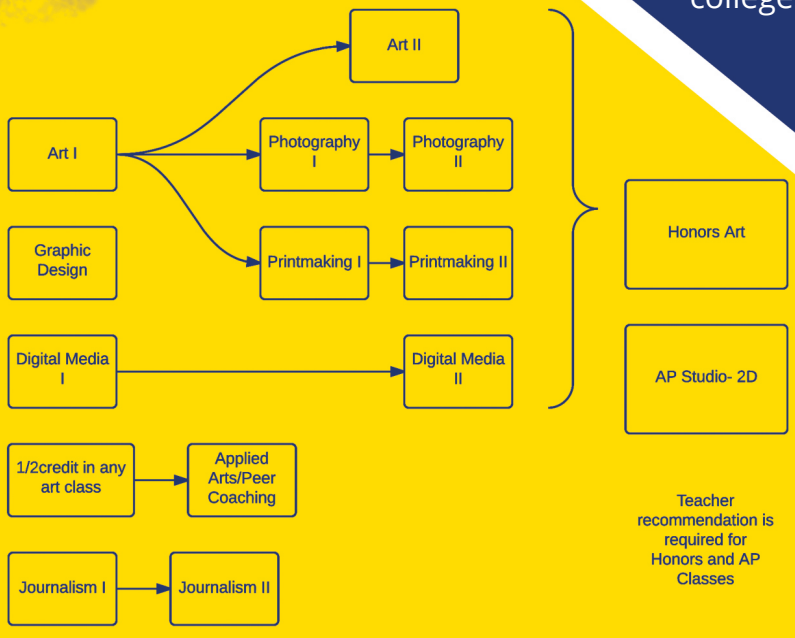




RHAM Art Department offers co-curricular connections to English Language, Science, Music and Foreign Language.

The department offers several field trips each year to museums, theaters, art workshops, colleges, and artist studios.

Art students compete and have won awards with their artwork at local, state and national level competitions.



Complementary Co-curricular Activities

There are extra curricular opportunities for students interested in the arts through Art Club, Anime Club, Newspaper Club, The SweatShop Print Studio, and Yearbook.

Art

RHAM Art Department offers a wide range of classes from the traditional to the cutting edge, from introductory levels through Advanced Placement. The program is designed to meet the needs of all students, from those just beginning their creative journey to those who intend to pursue a career in the creative industry.

Now, more than at any time since the Renaissance, the world looks to artists and designers to envision and create solutions for increasingly complex and multidimensional challenges. The goal of the RHAM Art Department is to prepare students to meet these challenges, in college and the workplace, through exposure to the arts, the creative process, and the development of critical problem solving skills.

"Writing is an exploration. You start from nothing and learn as you go."

-E.L. Doctorow

RHAM English classes are active. They require student engagement and participation and are enhanced by tools of technology to create a truly meaningful language arts experience.

We have core classes at each grade level and offer a wide scope of electives including British Literature, Contemporary Literature, Futuristics in Literature (our popular science fiction class), Writing Through Film, Creative Writing, Poetry, Public Speaking, Drama, and Journalism. We also offer American Studies for juniors, a two period interdisciplinary course which runs in conjunction with the Social Studies Department.

There are multiple opportunities to earn college credits including offerings in AP Language and Composition, AP Literature and Composition, MCC English 101, and MCC Communications 173.

Writing Lab

The English department houses the RHAM Writing Lab, which is available throughout the day. It is staffed by faculty members trained in writing instruction and offers students support when composing all kinds of written assignments.

"Communication- the human connection- is the key to personal and career success."

-Paul J. Meyer

English

The RHAM English Department offers a comprehensive and challenging four- year language arts program to fulfill the needs and interests of all RHAM students. Core classes are designed to build reading, writing, thinking, listening and speaking skills to make our students capable and competitive when facing the challenges of the 21st century.

Complementary Co-Curricular Activities

- Yearbook
- Student Council
- Literary Magazine
- Future Business Leaders of America
- Newspaper
- Poetry Out Loud
- Model UN
- Drama Club
- Drama United
- DECA

"Reading is the sole means by which we slip, involuntary, often helplessly, into another's skin, another's voice, another's soul."

-Joyce Carol Oates

Family & Consumer Science

Culinary Arts

The Culinary Arts program is designed to study the role of nutrition in health and disease prevention. Using the USDA recommendations for healthy eating and "My Plate," students develop an understanding of nutrition, meal planning, and how food choices affect wellness. Students prepare foods in the lab while acquiring the basic skills necessary for the development of safe and sanitary food handling and preparation.

Food Service Management is an advanced vocational culinary course that explores careers in food service. The experience provides students with the basic techniques and procedures required in food service. This course provides hands on opportunity in a full commercial kitchen as well as experience in operating a restaurant in the cafe located on site.

Courses:

Foods I
Foods II
Food Service Management (college credit course)

Elementary Education

The Elementary Education program is designed to study the growth and development of children with an emphasis on meeting the physical, emotional, social, and intellectual needs during specific age ranges. ECE I covers development from birth through age one. ECE II prepares students for careers in early childhood focusing on the early elementary years. Students work weekly in the AHM preschool located in RHAM High School. Other courses offered at RHAM may be taken to complement these courses (Child and Adolescent Psychology).

Courses:

Early Childhood Education I
Early Childhood Education II (college credit course)

PE/Health

HPE/Wellness Track

The HPE/Wellness Track is designed for students interested in pursuing a life and career dedicated to health, wellness and movement.

There is value in preserving health, preventing chronic illness, and improving the lives of others by finding enjoyment in physical activity and the opportunities it can present socially and physically.

This track will prepare individuals to assume roles as health/wellness professionals in private business and community organizations through experiential learning. Students learn integral life skills, critical thinking, and strategies that can be employed in a variety of different fields.

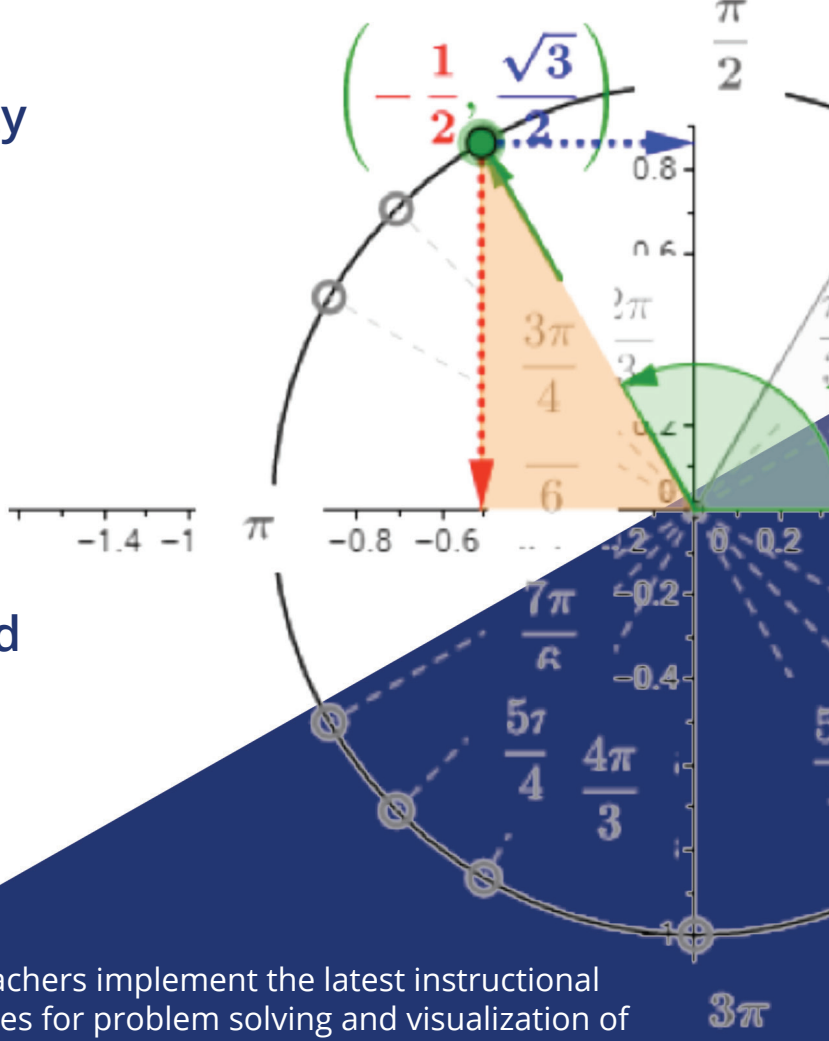
Students of health and wellness programs may study behavioral and physical health, public policy, nutrition, wellness education, exercise, social science, and medicine.

Courses:

Physical Education/Health 9
Physical Education 10
Health 10
Lifetime Sports
Adaptive Physical Education
Adaptive Physical Education/Coaching
Leadership through Adventure
Wellness Day/Substance Abuse Instruction
Weight Training & Aerobic Conditioning
First Aid & Responding to Emergencies

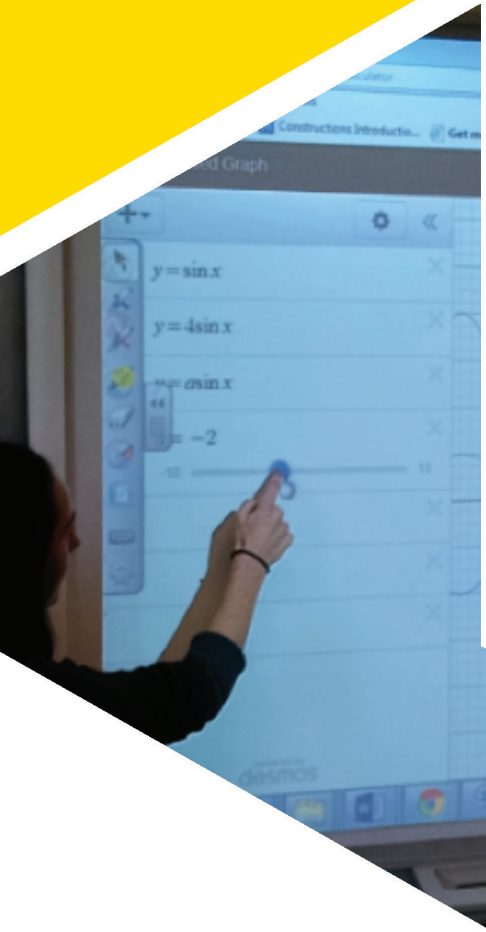
RHAM High School has a variety of rigorous mathematics course offerings including Algebra 1, Geometry, Algebra 2, Precalculus, Calculus, and Statistics.

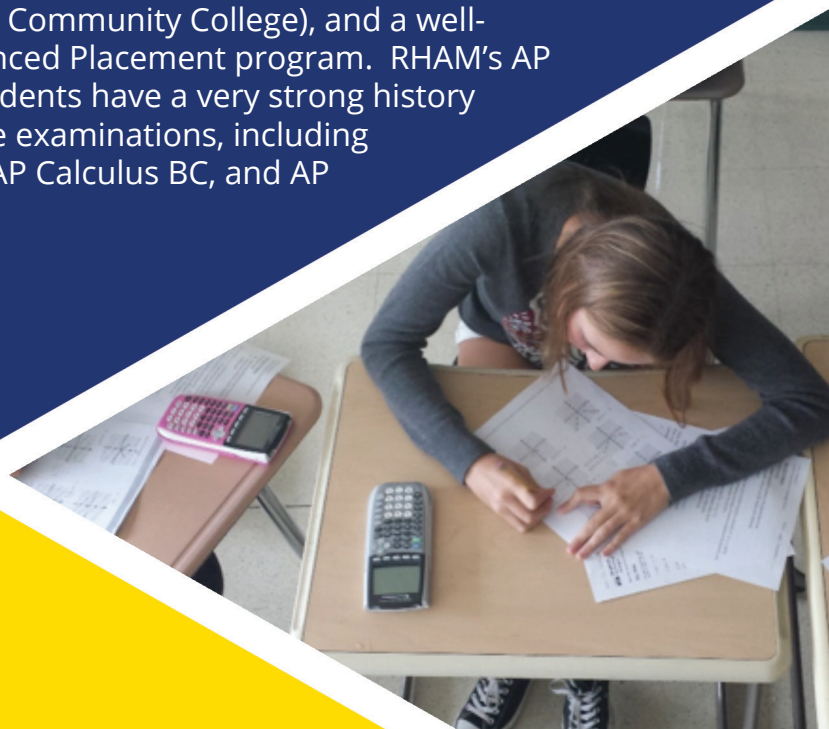
Students are supported in appropriate levels of classes, including honors and Advanced Placement.



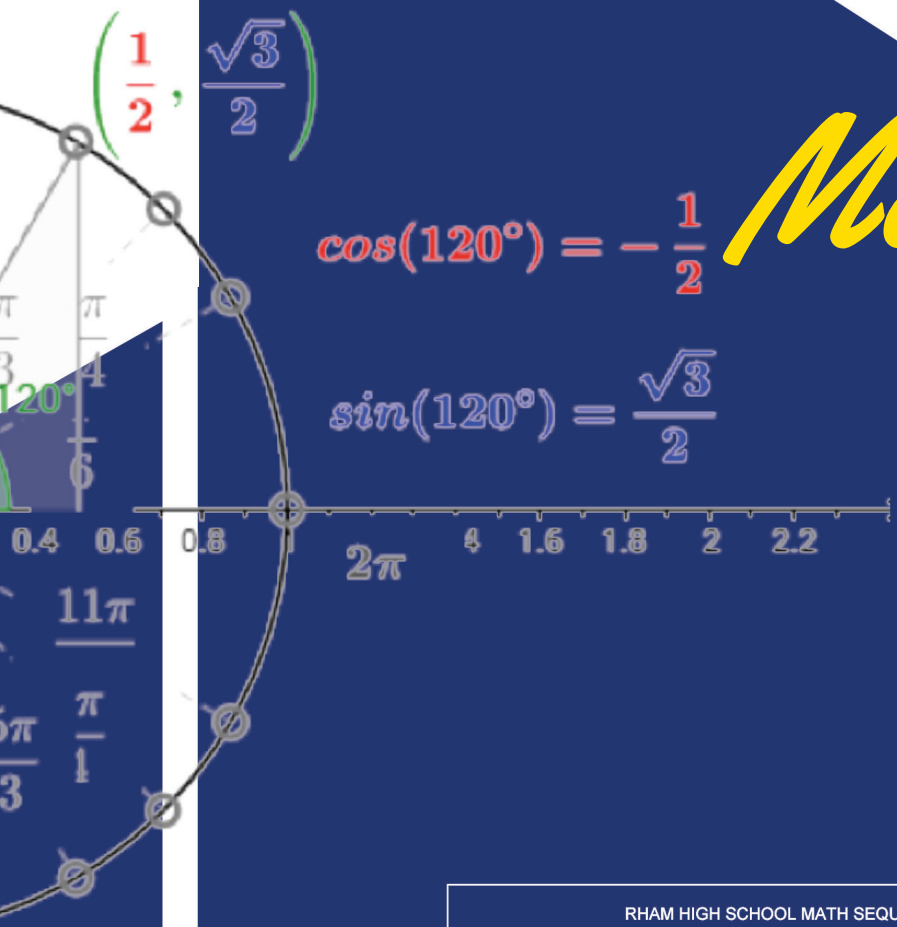
Teachers implement the latest instructional resources for problem solving and visualization of concepts including Geogebra, TI graphing calculators, online applets, and Smartboards. Students are encouraged to think critically, collaborate, and develop a deep understanding of the subject matter.

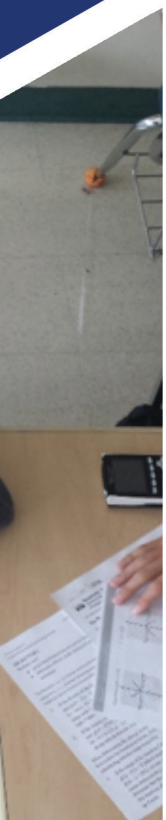
For those students who need extra assistance, the RHAM Math Lab, staffed by a math teacher, is available during every period. Advanced students have the opportunity for coursework leading to college credit, such as Algebra II Part B (partnership with Manchester Community College), and a well-developed Advanced Placement program. RHAM's AP mathematics students have a very strong history of success on the examinations, including AP Calculus AB, AP Calculus BC, and AP Statistics.





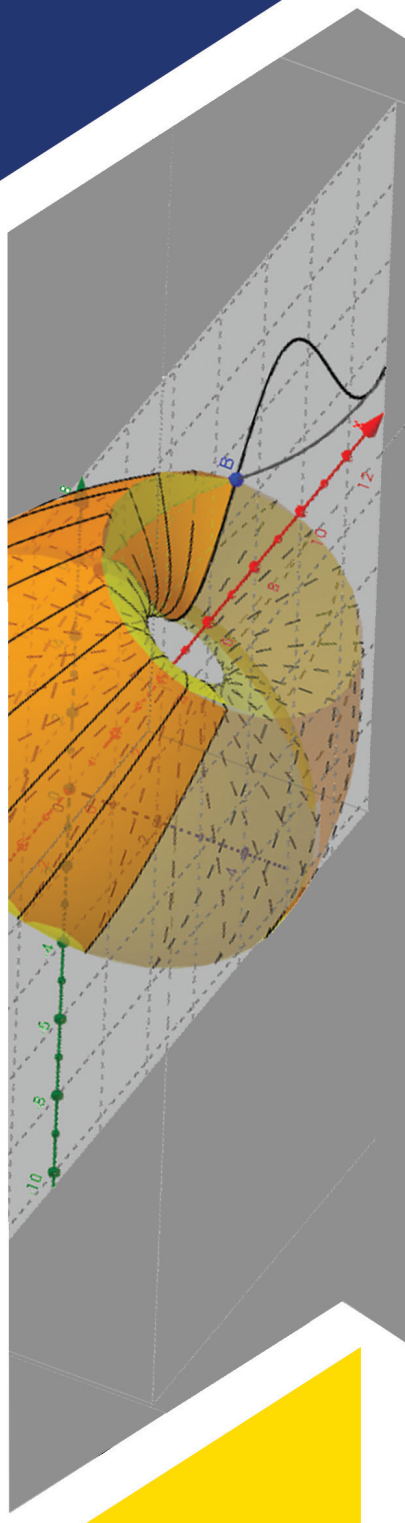
Mathematics





RHAM HIGH SCHOOL MATH SEQUENCES

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Advanced Math 8	Algebra I	Geometry CONCURRENTLY Algebra II	Algebra II or Algebra II Part A	Algebra II Part B or Precalculus
Algebra I Honors (8th Grade)	Geometry	Algebra II	Precalculus	AP Calculus AB OR AP Calculus BC
Geometry Honors	Algebra II	Precalculus	AP Calculus AB OR AP Calculus BC	AP Statistics AND/OR Calculus II/III at a local college
			and optionally AP Statistics	and/or Probability/Statistics and Finite Math



Music Ensembles

Encore: All Female A cappella, audition only
Chamber Singers: Select group, audition only
Concert Choir: Non-auditioned choir
Wind Ensemble: Select group, audition only
Symphonic Band: Non-auditioned band
Percussion Ensemble: Percussionists only
Jazz Band: Select group, audition only
Pep Band Club: Extra curricular

Music Electives

Music Technology I: Intro studies to production and composition
Music Technology II: Advanced production, recording, mixing
Music Theory: Fundamentals of music

Dance & Theater

Music & Movement I:
Beginner dance and choreography studies
Music & Movement II:
Advanced dance and choreography studies
RHAM Drama Club:
Extra curricular theater company
Look for upcoming auditions.
Assistant Directing Apprenticeship:
Theater director and producer opportunities
Lighting & Sound Assistants:
Auditorium recording, lighting & sound management

Complementary Co-curricular Activities

RHAM Drama Club:
Keep an eye out for our next year's spring musical auditions.

Pep Band Club:
Cheer on our RHAM Sachem sports teams!

Audition for an Honors Ensemble:
Eastern Region Festival
Charter Oak Music Festival
Jazz Festivals
All State Music Festival

RHAM Music Boosters

RHAM Music Boosters is a 501(c)(3) non-profit dedicated to helping students excel in the field of music. All families are encouraged to become members. There are many ways to support the continue success of the music program!
Visit **www.rhammusicboosters.org** for more information.

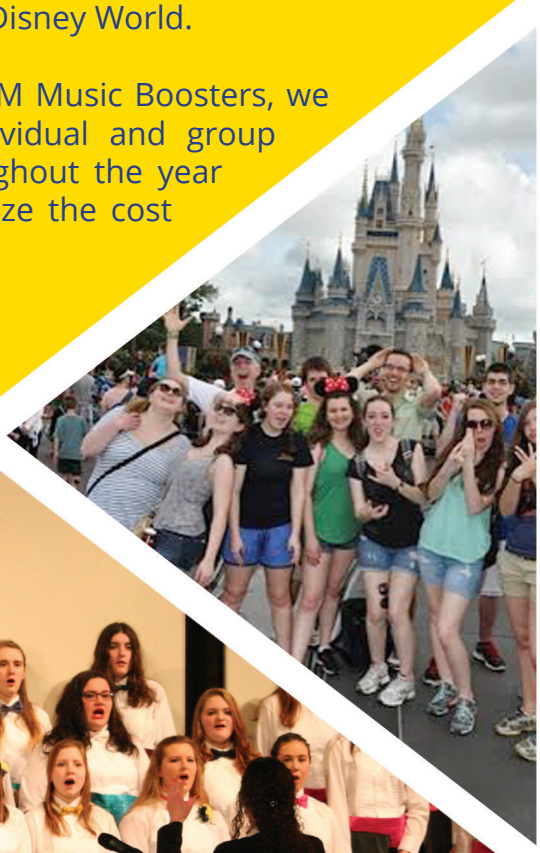
Performing Arts

Students participating in a performance ensemble are encouraged to make a 4-year commitment to the music program.

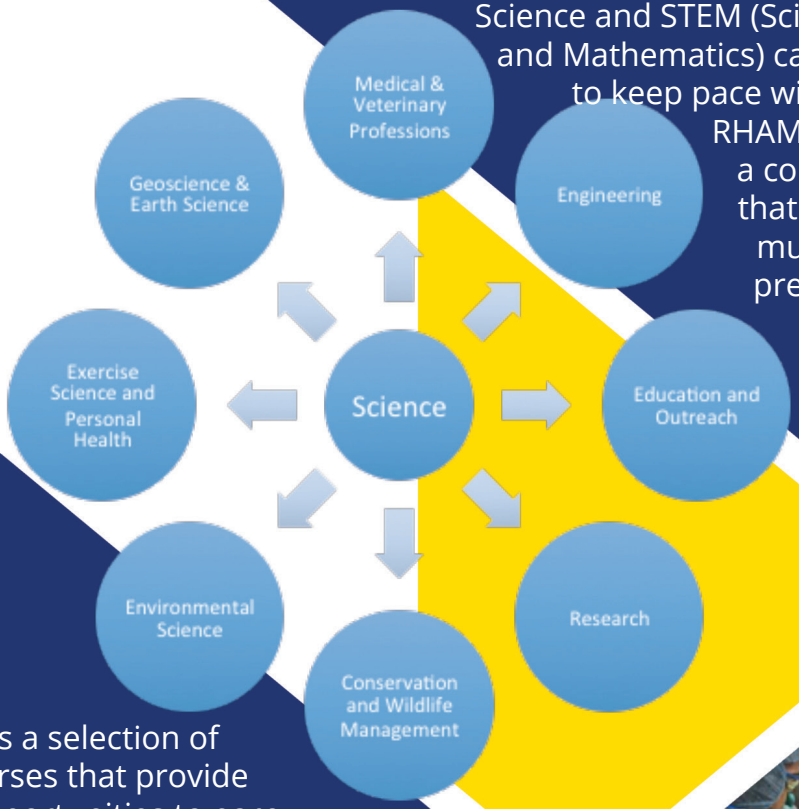
The Music Department gives four main concerts each year: Fall, Winter, Spring, and Pops. There are many other performance opportunities throughout the year.

The Music Department has traveled to regional adjudication festivals (New York, Philadelphia, Boston), professional concerts, Broadway, and even Disney World.

In conjunction with RHAM Music Boosters, we sponsor several individual and group fundraisers throughout the year to help subsidize the cost of trips.



Science and STEM (Science, Technology, Engineering, and Mathematics) careers are constantly changing to keep pace with an ever-changing world. RHAM's Science Program provides a comprehensive course of study that will allow students to explore multiple aspects of science and prepare them to pursue many different opportunities.

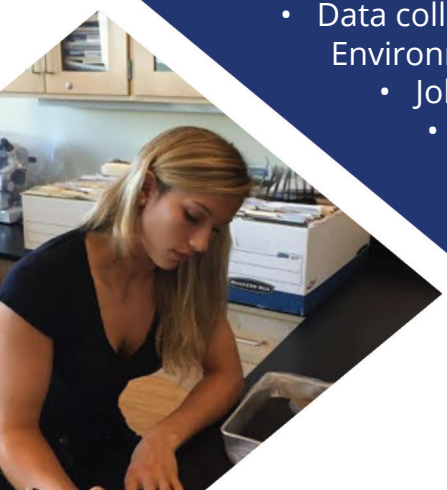


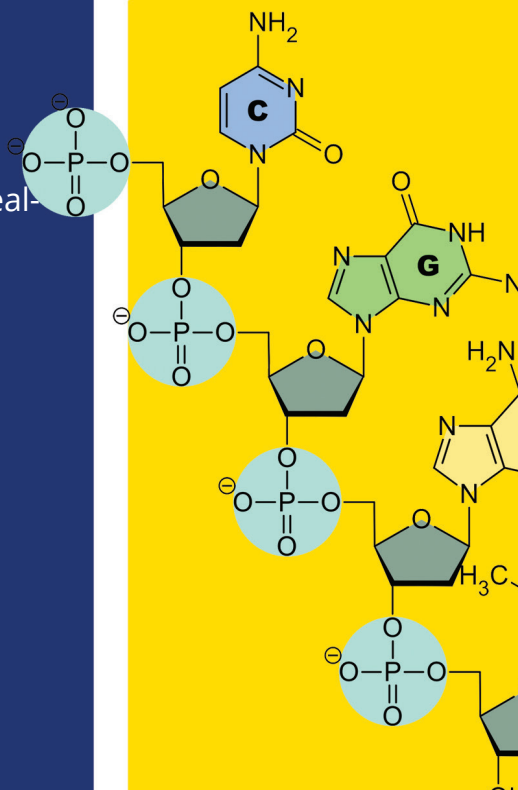
RHAM offers a selection of science courses that provide students opportunities to earn college credit.

- AP Biology
- AP Chemistry
- AP Physics I (algebra-based)
- AP Physics C (calculus-based)
- AP Environmental Science (also provides University of Connecticut credit)
- Anatomy & Physiology (Manchester Community College credit)
- Exercise Physiology (Manchester Community College credit)
- Medical Careers (Manchester Community College credit)

Many science courses offer students the ability to explore career options through field-based work, community engagement and real-world experience:

- Managing a community blood drive
- Data collection for Department of Energy and Environmental Protection
- Job shadowing medical professionals
- Collaboration with college campuses





Science

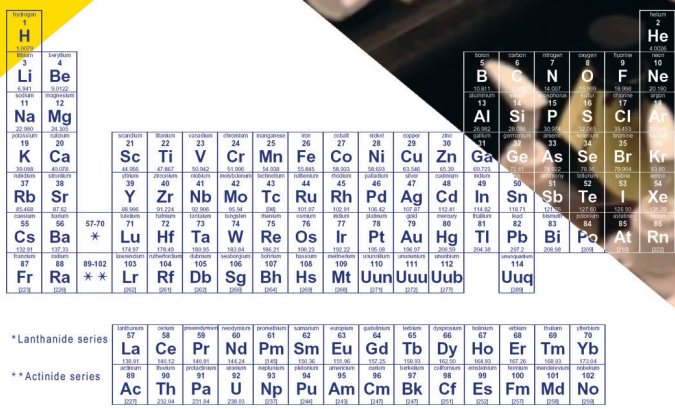
RHAM's Science Department provides a rigorous and challenging experience that prepares students for college and careers in science. Our science courses allow students to develop essential analytical skills by providing opportunities for problem-solving, experimental design, and inquiry.

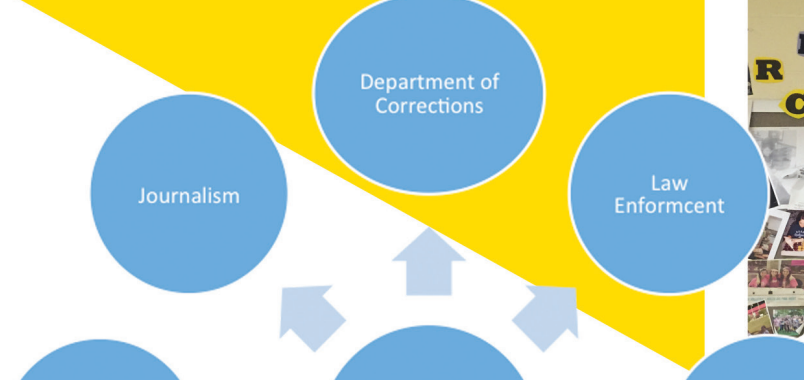
The Science Department uses technology to support instruction and prepare students with 21st century skills:

- Web-based and digital simulations
- Digital data organization, graphing, and charting
- Google tools and applications
- Probeware for data collection
- Modern lab facilities
- Computer carts, SMART Boards and projectors

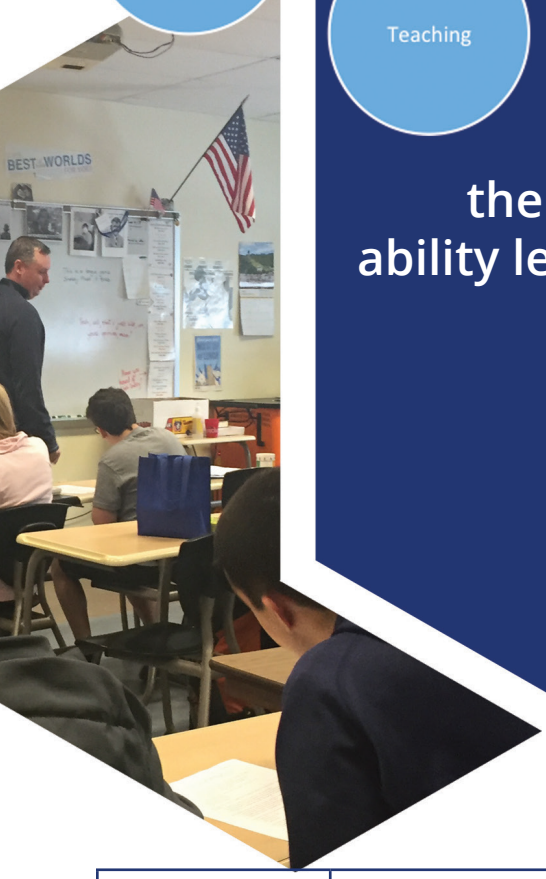
RHAM offers opportunities for individualized learning and student collaboration:

- Independent study
- Small class sizes
- Group discussions
- Lab partners and teamwork
- Co-taught classes
- Online classes





The RHAM Social Studies Department offers a myriad of high interest courses. Many of our courses are designed to assist students interested in pursuing careers in the social science fields as well as satisfying a general interest. Our teachers are ready to share their expertise with students and support learning of the social sciences at all grade and ability levels.



Complementary Co-curricular Activities

Connecticut Youth Forum
Model United Nations
Mock Trial Team
Student Council
Environmental Awareness Club
Gay Straight Alliance
LEO Club

Grade 9	Grade 10	Grade 11	Grade 12	Electives
Global Studies	Western European History	United States History (required) *and* Electives	Civics (required) Online Civics *and* Electives	20th Century Fascism and Communism: Inside Political Extremism The Price of Freedom: Americans at War Parties, Protest, and Politics: The 60's Psychology Child and Adolescent Psychology Social Psychology Introduction to Sociology Economics Introduction to Law Criminal Justice International Relations Independent Study options

Social Studies

Our Civics course includes a community service component and students have engaged in rewarding experiences including volunteering at the Hebron Fair, Hebron Maple Fest, soup kitchen/food banks, senior centers, charity walks, fundraisers, youth camps, Special Olympics, children's museums, town hall, and Habitat for Humanity.

Social studies teachers routinely employ technology-based instructional activities to support 21st century learning. This includes:

- -Utilizing Google applications
- -Chrome book usage
- -Interactive assignments
- -Collaborative technology-based projects

Collaborative learning environments/interdisciplinary courses

- -American Studies: English/Social Studies partnership allows students to earn both their U.S. History and an English credit.

Many social studies classes provide students with the opportunity to earn college credit including:

- -Completing course work in classes that are partnered with Manchester Community College
- -Earning college credits through our Advanced Placement courses
- -AP Western European,
- -AP United States History
- -AP Psychology
- -AP American Government
- -Criminal Justice (MCC partnership)

Independent study and online courses are available for students wishing to take more classes outside of the traditional school schedule.

Many social studies courses are co-taught and remediation and extra help is always available for students needing additional support.

RHAM's Special Education Department offers additional specialized programs and related services to meet the individual academic, social, emotional, and/or physical needs of our students reinforcing their academic potential. These programs include:

-Life Skills: provides intensive services and individualized instruction in functional academics, with an emphasis on life and daily living skills, social/behavioral skills, and communication skills.

-Vocational Program: provides intensive services and individualized instruction in prevocational and vocational training offered on-site and in the community based on the student's individual needs and interest. Scheduling is based upon the individual student.

-Post Graduate Planning: Individualized based on need and can be offered until a student is 21 years of age.

-Community-Based Work Experience: Hybrid of academics and work experience including collaborative efforts with local community agencies such as Horizons, STARR, Project Genisis.

-Speech and Language Services which includes direct dyslexia instruction

-Occupational Therapy & Physical Therapy

-Counseling (Individual or Group) with a school social worker or school psychologist

-Collaborative service model (co-taught classes) provides additional support, modifications and accommodations. Those who are enrolled in the courses are taught by special and general (English, Math, Science, Social Studies) education teachers regardless of academic ability in the regular classroom.

Special Education

The RHAM Special Education Department takes pride in continuous development of comprehensive student support services while implementing an Individualized Education Program (IEP) that reinforce a student's academic potential regardless of ability.

-In Reading, Art, Physical Education, and the four core subjects, the Special Education Department offers courses with adjusted curriculums to develop basic skills along with subject area content and concepts.

-Study Skills classes are also offered by the Special Education Department to address needs in: processing, understanding, responding to and learning the general education curriculum.

Involvement in Our Community

The Special Education Department encourages additional opportunities for all students to foster peer relationships and involvement in our school environment regardless of ability.

These programs, which continue to grow include:

Peer Coaches/Mentors: Peers work collaboratively with students with disabilities, during the school day or after, in school-sponsored clubs/sports to facilitate communication, social behavior, problem solving, advocacy, and to just have fun!

Examples of this include Adapted PE, Daily Living Class, and Adapted Art

Unified Basketball: In collaboration with Special Olympics, our RHAM team, which consists of peers and special athletes, provides an opportunity for students to develop teamwork and increase communication while having fun on the court regardless of their athletic ability.

Drama United: This student run organization works collaboratively with typical peers and special education students to stage a performance showcasing the individual talents of all students.

RHAM Buddies: This is a collaborative opportunity for all RHAM students to meet monthly and participate in "themed" activities that foster communication and socialization skills while having fun.

Why Study World Language?

-Become fluent as a speaker and even a writer in another language, creating broad opportunities for future school and work life.

- Participate in technologically based collaborative projects using online tools that allow you to communicate and correspond, both in written and spoken form, with students from other countries whose native language is French or Spanish.

- Earn college level credits for Advanced Placement language classes in Latin, French, and Spanish and/or take language courses through the Early College Experience (ECE) program offered by the University of Connecticut in Spanish, French, and Latin. These ECE and AP credits are transferable to many universities and colleges.

- Participate in travel opportunities including international trips which immerse you in other cultures. These trips provide the chance to communicate in the target language and to develop a deeper understanding of other cultures in a real world environment.

- Use online resources to enhance your ability to read, write, listen, and speak in various languages.

- Broaden your understanding in art, film, literature, history and culture.

Course Offerings

French I,
French II, French II Honors
French III Intermediate, French III Honors
UCONN French IV/V/AP French Language

Spanish I
Spanish II, Spanish II Honors,
Spanish Applied
Spanish III, Spanish III Honors
Spanish IV, Spanish IV Honors
UCONN Spanish V/AP Spanish Language

Latin I
Latin II, Latin II Honors
Latin III, Latin III Honors
UCONN Latin IV/V

Italian I
Italian II

Complementary Co-curricular Activities

Cultural Awareness Club
French Club
Latin Club
Spanish Club

World Languages

The World Languages Department offers a variety of courses in Latin, French, Spanish and Italian. We provide students with numerous opportunities to enhance their linguistic and critical thinking skills, collaborate with their peers, foster their ability to work independently, and develop a deeper understanding of the languages and cultures of other countries. RHAM World Language has won accolades in French for a statewide competition. In addition RHAM students have gone on to major in world languages and earn top academic honors at the university level.

Opportunities to travel abroad!

Sports

Football
Girls Volleyball
Boys Soccer
Girls Soccer
Boys Cross Country
Girls Cross Country
Cheerleading
Boys Basketball
Girls Basketball
Hockey
Wrestling
Boys Indoor Track and Field
Girls Indoor Track and Field
Swimming
Dance Team
Baseball
Softball
Boys Outdoor Track and Field
Girls Outdoor Track and Field
Boys Tennis
Girls Tennis
Boys Lacrosse
Girls Lacrosse
Unified Sports

Clubs & Activites

Anime Club
Art Club
CT Youth Forum
Computer Club
Cultural Exchange Group
DECA
Drama Club / Drama United
Environmental Awareness Club
Equestrian Club
French Club
Gamers Club
Gay-Straight Alliance
Gymnastics
Latin Club
LEO Club
Literary Magazine
Math Team
Mock Trial Team
Model UN
Music Recording
National Association of Home Builders Club
National Honor Society
Newspaper Club
Peer Helpers
Pep Band
Ping Pong Club
RHAM Buddies
Ski & Snowboard Club
Spanish Club
Student Council
Technology Student Assoc.
Ultimate Frisbee Club
Video Production Club
Yearbook Club

Sports, Clubs & Activities

Get Involved!

RHAM High School

Core Values, Beliefs and Learning Expectations

Core Values and Beliefs

RHAM High School is a community of students and adults working collaboratively so that teaching and learning take place in a safe, respectful, and positive environment. We provide a rigorous comprehensive education to prepare students for post-secondary study, work, and life. We provide diverse instruction designed to ensure that students take responsibility for their own learning. We work with families and community members to support the personal, academic, and career development of every student.

Expectations for Student Learning

Academic Expectations

The student will demonstrate skills in:

- -Reading and writing
- -Speaking and listening
- -Problem solving
- -Artistic expression
- -Physical fitness, health, and wellness

Social Expectations

-The student will demonstrate personal and academic integrity.

Civic Expectations

-The student will demonstrate active participation in the community.

Approved by faculty vote on 10/28/13
Approved by Regional School District #8
Board of Education on 1/13/14

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