

MINUTEMAN SCIENCE-TECHNOLOGY HIGH SCHOOL DISTRICT

School of Applied Arts & Sciences
758 Marrett Road, Lexington, Massachusetts 02421
www.minuteman.org

MINUTEMAN REGIONAL SCHOOL COMMITTEE 2003

Charles Olmstead of Acton	Rosalie Barton-May of Lancaster
Dr. Erin Phelps of Arlington	Marjorie Daggett of Lexington
Joseph White of Belmont	Kemon Taschioglou of Lincoln
Stephen Koral of Bolton	Jeffrey Stulin of Needham (<i>Chairman</i>)
Donna Corey of Boxborough	Alice DeLuca of Stow (<i>Secretary</i>)
Nancy Weiss of Carlisle	Atty. Paul Lynch of Sudbury (<i>Vice-Chair</i>)
Dr. Phillip Cheney of Concord	Mary Ellen Castagno of Wayland
Frank Gobbi, Jr. of Dover	Mary Shaw of Weston
Student Representative – Samantha Siegel of Arlington	

After several years of dedicated service, three members left the Regional School Committee in 2003. The entire Minuteman Regional School District thanks James Ford of Carlisle, Colin Young of Lincoln and Betsy Connolly of Wayland for their years of service and leadership.

Class of 2003 Graduate Achievement Highlights

- 91% of the Class of 2003 graduated into either college or employment in their field of study.
- 100% of Dental graduates passed the National Dental Board examination.
- 100% of Cosmetology graduates passed the state board examination.
- 100% of Early Childhood Education graduates were fully certified by the state Office for Child Care Services.
- Medical Occupations graduates achieved 100% placement in either college or a job in the field.
- Science Technology graduates achieved 94% placement in either college or their field of study with 100% of biotechnology and electromechanical engineering students attending college.
- Commercial & Human Services graduates achieved 93% placement rate in either college or their field of study with 67% attending college.
- Construction-Trades graduates achieved 97% placement rate with 17 of 47 enrolled in college and 29 of 47 entering the workplace in their field of study.

Class of 2003 Graduates from Belmont

Michael Bellantoni	Plumbing
Jay Gibbons	Graphic Communications
Micah Marrocco	Carpentry
Jennifer Moscardini	Cosmetology
Daniel Naylor	Electrical Wiring
Tracy Siciliano	Retail Marketing

Academic Division Highlights

- Minuteman Regional High School sophomores tied for second place in Massachusetts among regional technical schools on MCAS test performance.
- Forty-five students took advantage of college level pre-calculus and calculus courses under an articulation agreement with Middlesex Community College.
- Minuteman students on the Math Team competed strongly at all levels against academically diverse groups of area schools finishing the year ranked in first place in the state vocational conference.
- A Latin course was expanded to serve the growing number of students interested in medical careers, biotechnology and science.
- A freshman seminar course is being taught on-line with students receiving training in Internet research, writing skills, software application usage and time management.
- The Minuteman Players, the school's drama students, produced and performed a full production of Ray Cooney's British farce, "*It Runs in the Family*."

- The Special Education Department teamed with mainstream teachers to help students achieve one of the highest levels of special education MCAS “pass” scores in the state.
- Faculty members from English, Guidance, Social Studies and several vocational fields developed Character Education curriculum for use throughout the school.

Science & Technology Division Highlights

- The Biotechnology Academy was designated an outstanding high school program by the National Center for Career and Technical Education at The Ohio State University in conjunction with the U.S. Department of Education, Washington, DC.
- The Biotechnology Academy formed a new partnership with Harvard University Molecular Biology Laboratory and Children’s Hospital and introduced three new components into its curriculum, namely bioethics, cell graphing and forensic science.
- The first state-approved high school pre-engineering program entered its fourth year. Minuteman in articulation with the University of Massachusetts initiated college level engineering courses on Saturday mornings to serve students from local high schools.
- Environmental Science students working with the Bolton Conservation Commission developed and implemented a vernal-pool monitoring plan that included creating a public information brochure to help educate local homeowners on the subject.
- Many new business/industry projects were achieved, including - - Verizon supporting with after-school technology training for middle school students, Cognex Corporation of Natick providing weekly on-line interactive training on Visions Systems, GTE helping with new physics units for biotechnology, the Northeast Center for Telecommunications providing grant assistance, a \$80,000 gift from Adept Robots for the Electromechanical Engineering/Robotics program, etc.
- The Environmental Technology students were active in numerous off-campus service projects for such agencies as the MWRA, Cambridge Water Department, Bolton Conservation Commission, Sudbury Valley Trustees, Massachusetts Division of Fisheries & Wildlife, U.S. Department of Fish and Wildlife and the Northeastern University Marine Biology Research Laboratory, and the United States National Park Service, Minuteman National Historic Park.
- Minuteman staff members are active and taking a leadership role in working with the Department of Education in developing the vocational Certification of Occupational Proficiency (C.O.P.). They include Maryanne Ham serving as state chair for Office Technology, George Taliadouros as state chair for Engineering and Richard Caruso as state vice-chair for Telecommunications.

Construction – Power Mechanics – Building Trades Division Highlights

- The Automotive Technology Department won the industry’s Most Outstanding Automotive Program in Massachusetts award for the fifth year in a row.
- Students in Carpentry, Electrical Wiring, Plumbing and HVAC completed construction of the three-bedroom colonial home for the Lexington Housing Authority in partnership with the Lexington Rotary Club.
- Carpentry and Drafting students designed and constructed classroom improvements for the Brooks Elementary and Middle School in Lincoln.
- The Drafting & Design Technology students completed plans for a large garage to be built by Minuteman’s construction students in Lexington.
- Student teams completed the reconstruction – from design to construction and installation of the historic cannon stands for the Town Common in Belmont.
- The Automotive Technology program earned the top honors 5-year recertification through the National Automotive Technical Education Foundation (NATEF).
- The Automotive Collision Repair program also earned the NATEF certification.
- The Landscape Management Department won several awards again, including their sixth consecutive First Place at the Annual New England Flower Show in Boston.

Commercial & Human Services Division Highlights

- The Child Development Center and the Early Childhood Education department were recertified by the National Association for the Education of Young Children. Many commercial centers do not receive this certification for excellence and good practice in curriculum implementation.
- Students also hosted their annual “Breakfast with Santa” fund-raiser for Children’s Hospital of Boston. Through this effort over the years, Minuteman students have donated more than \$10,000 to needy children.

- The Culinary Arts Department is preparing to become a certification site by the American Culinary Federation, due to be awarded in June 2004.
- For the second year in a row, Culinary Arts students won first-place in the annual culinary competition at Newbury College and in so doing earned \$7,000 in scholarships for enrollment at Newbury College.
- As a community service project a team of junior Graphic Communications students worked with the Lahey Clinic in designing and printing a 2004 calendar incorporating artwork drawn by elementary age students who are patients in the “young hearts” clinic.

National Honor Society

The Minuteman Chapter of the National Honor Society proudly served the school and the community with thousands of volunteer hours maintaining a solid and diverse membership while inducting twenty-four new members.

Overall School Highlights

- A new Freshmen Exploratory program was designed and implemented as a means to ensure that members of the Class of 2007 have a full opportunity to experience each of Minuteman’s twenty-three technical programs before choosing a major. This new exploratory program runs half of grade 9 and allows students to develop a better understanding of their talents and interests while exposing them to diverse careers.
- Minuteman Regional High School proudly served as one of the three Host Sites for the 2003 state Skills USA-VICA competitions providing students from across the state with competitive challenges in areas ranging from technical math and computer programming to HVAC and welding to architectural drafting and electromechanical engineering and robotics.
- New and/or updated college articulation and advance credit agreements with numerous top colleges in 26 different career areas.
- Minuteman’s School to Careers Partnership has formed a Minuteman Business/Education Alliance with direct or association representation of approximately 1,700 companies. This will allow Minuteman Regional High School to facilitate communication and cooperative student-employer projects and internship opportunities involving each of our district’s fifteen participating high schools.
- Community Education services, including After School programs for middle school students, Adult High School services, Evening and Continuing Education courses and Summer School programs and camps, provided to member town residents continued at one of the highest participation and success levels in the state.
- The Facilities Management Department completed major campus renovation and facility improvement projects including conversion to gas heating, upgrading athletic fields, and major renovation of the school’s swimming pool.
- Numerous staff development efforts focused on obtaining national rather than just state certification in graphics & digital media, culinary arts, and collision repair (ASE).

Minuteman Named 1 of Top 50 High Schools That Work in US

Minuteman Regional High School was named one of the Top 50 schools in the *High Schools That Work* network of approximately 1,100 schools in 27 states across the country. Minuteman was the only school in Massachusetts selected for the National Top 50 recognition.

Dr. David Form – Massachusetts Biology Teacher of the Year

Dr. David Form, a Biotechnology Academy instructor at Minuteman Regional High School was named the 2003 Massachusetts Biology Teacher of the Year by the National Association of Biology Teachers. He recently traveled to Oregon to receive his award at an educators’ reception, along with honorees from the other 49 states.

Continued Recognition of Automotive Academy

The Minuteman Automotive Academy was selected by the National Automotive Youth Educational Systems program as a site for high level career learning in the field and voted the Most Outstanding Automotive Technology Program in Massachusetts by the Industry Planning Council of New England. Daimler Chrysler, General Motors, Toyota, Volkswagen, the National Institute for Automotive Service Excellence (ASE), college partners and others work with Minuteman in providing exciting career opportunities across a broad spectrum from advanced technician to management specialist to automotive designer and engineer.