

# 2007-08 Duxbury Education Foundation Board of Trustees

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## MISSION

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The mission of the Duxbury Education Foundation is to provide grants that will enrich and encourage innovative educational programs for students in the town of Duxbury.

DEF is a private, not-for-profit organization founded in 1989 after proposition 2 ½ budget cutbacks had forced the school systems to cancel many fine arts and enrichment programs.

The Board of Trustees are volunteers responsible for reviewing grants, raising funds and managing the Foundation. Any teacher or administrator in the Duxbury schools or anyone with a program designed to enrich the Duxbury students may apply in writing for a grant.

## DEF FUNDRAISERS

### DEF 5K & Kids Fun Run

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The DEF 5K & Kids Fun Run is our newest fundraiser. This family event includes a 5K Road Race and Kids Fun Run race (ages 10 & under). It is sure to become a Duxbury favorite.

### DIVOTS FOR DUXBURY

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This scramble style golf tournament allows both competitive and non-competitive players to enjoy 18 holes of golf while raising funds for Duxbury students.

### ANNUAL APPEAL

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Each year we contact every household in Duxbury, highlighting the past year's accomplishments and asking residents to continue their generous support of our schools and children.

### GIFTS FOR LEARNING

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Donations are made on behalf of a teacher, administrator or significant person in a child's life.

### SPELLING BEE

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A community event, the annual Spelling Bee attracts spellers and sponsors of all ages to compete in a friendly and challenging competition. Teams are divided into 'hives' that spell against one another before a crowd of cheering spectators.

### DINNERS FOR DUXBURY

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This is a traditional DEF fundraiser in which sponsors invite guests to their homes for dinner. Attending guests are asked to make a financial contribution.

**The Duxbury Education Foundation**  
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# The Duxbury Education Foundation

Helping Duxbury  
Students and Teachers  
Reach Higher



The Duxbury Education Foundation

*DEF, a §501(c)(3) organization, is supported by  
fundraising activities and tax-deductible  
donations*

# DEF awarded over \$107,000 in grants in 2007

**Science Mobile Learning Project** – This cutting edge technology provides a complete set of PC tablets, Virtual labs, online textbooks, and robotics capabilities for DHS Science students. This wide-reaching grant impacts students in 13 chemistry classes, 10 physics classes, and two computer science classes a year. In total, more than 500 students a year will benefit from this learning experience which closely resembles the science in college and industry. The virtual lab software component of this grant allows students to work with concepts we currently cannot demonstrate in the school lab. Examples of labs include a space docking mission and piloting a craft to Mars. Additionally, this grant provides the means to develop robotics as a viable curriculum tool in physics and computer science, as well as launch a Robotics Team at DHS.

**Cyber-bullying Peer Training** – High school students will attend the World of Difference Institute Peer Training Program presented by the Anti-Defamation League (ADL). The program model focuses on strategies to combat name-calling, bullying and harassment to create a safe and inclusive school community. A special focus this year will be on cyber-bullying prevention. The 30 DHS peer leaders will be responsible for outreach programs within the DHS and DMS student and parent communities.

**Executive Functioning Skills Seminar** – Sarah Ward, a Speech and Language Pathologist specializing in executive functioning skills, will speak to parents and teachers about how to help children improve organizational and decision making behavior to learn more efficiently. The benefits of these improved skills will be seen in the classroom and during homework time.

**Classroom Amplification System** – Alden School received an additional FrontRow Pro Digital sound system. This amplification system ensures clear communication throughout the classroom. The sound system clarifies and evenly distributes sound giving every student equal access to each lesson.

**Artist in Residence** – Jan Zabiliski, a local artist, will teach an AP Studio Art class at DHS as an “artist in residence” this spring. Artist Jan Zabiliski has studied with Bob Greene, an accomplished portrait artist, and has been trained in his very specific techniques to achieve the likeness of a subject. The teacher and the students will train for 3 weeks, gaining a tremendous amount of information as well as confidence in the area of portrait drawings. This technique will then be implemented into the curriculum, benefiting students for years to come.

## **Professional Development -**

**a. Co-Teaching Inclusionary Workshop** – DHS teachers will attend a co-teaching workshop sponsored by the Bureau of Education and Research. This workshop highlights best practices in co-teaching, consultation and collaboration. A co-teaching instructional model will be piloted in US History and English classes.

**b. National Science Teachers Association Annual Convention** - DHS and DMS staff will attend this Boston convention to research materials and methods, strategies and best practices in science curriculum and teaching.

**Response to Intervention Programming** – This proactive prevention and intervention system integrates general and special education services for all Chandler School students. This grant provides a library of scientifically based high-quality intervention offerings to promote a system of standards-based instruction and intervention that is matched to each student’s academic, social-emotional, and behavioral needs. Educational decisions for students will be based on data derived from frequent monitoring, individual performance and rate of learning.

**Digital Cameras** – Three digital cameras were purchased for use at Alden School. Using IPhoto programming, the students download and organize photos into journals of writing to create digitally enhanced reports and projects. With the addition of these 3 cameras, teachers at Alden School will be able to “check out” a camera for project use from the library.

**Respect and Responsibility Speaker** – Ed Gerety, an experienced keynote speaker and leadership trainer, will return to DMS to speak with 7<sup>th</sup> and 8<sup>th</sup> grade students on real issues facing today’s youth. Topics include drugs and alcohol prevention, peer pressure, bullying, making a difference, believing in oneself, and decision-making. This high-energy, interactive assembly program promotes a positive classroom climate emphasizing respect, responsibility and scholarship.

**Art Archive** – This archive houses a collection of art reproductions protected in a visual arts portfolio used by over 380 middle school art students each year. The collection of two-dimensional art reproductions includes artwork by artists of all mediums, cultures and periods throughout history. Art students benefit by seeing the works of art before creating their own art. Visuals support student learning in art, bring a piece of world culture to the classroom and link lessons to art history and famous artists.

**Digital Video Camcorders** – Six new digital video camcorders were purchased for use in two growing Duxbury High School video production electives. There are currently 147 students in grades 9-12 enrolled in the Video Production and TV Studio courses. The additional video camcorders allow the students to cover more events and create more programming, while allowing each student more hands-on learning in video production.

**String Ensemble Composition Commission** – The Duxbury High School string ensemble will receive professional instruction by music Composer Paul Salerni. Composer Salerni will commission a piece specifically for the DHS String Ensemble. The orchestra will rehearse the piece under the guidance of Composer Salerni, and later perform the piece in concert. This grant provides a unique opportunity for DHS musicians to be taught first hand by a well-known living composer.