

## **ELEMENTARY SCHOOLS**

### **Mindstorms Robolab Program**

Robotic kits that will allow fifth graders at Happy Hollow to design and build an adaptive device for a handicap person. Students will learn programming, engineering and mathematics consistent with MCAS standards.

### **Sound System for Strings**

A portable sound system for use in all three elementary schools that will help students develop better listening and performance skills.

### **Everyday Mathematics Program**

Essential materials provided for every elementary student and classroom allowing for the implementation of the new standards based math curriculum.

### **Sensory Modulation Strategies for Children with Autism**

Equipment for the physical and occupational therapy program to assist children with sensory processing challenges.

### **Gymnastics Equipment**

Training and safety equipment to support the existing elementary gymnastics program at Claypit Hill and Happy Hollow.

### **Building the Loker Community**

Artist in Residence, co funded with the Loker PTO.

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## **MIDDLE SCHOOL**

### **Other Languages Need Not Be Foreign**

CDs and language learning software to expose members of the Sixth Grade Multicultural Club to four Asian languages.

### **Introducing Global Positioning System Technology into the Science Curricula**

GPS devices to improve hands-on mapping skills and data collection for Life and Earth Science classes.

**Hands-on Electric Circuits**

Circuit boards that allow all 6th Grade Physical Science students to construct simple electrical circuits.

**Sow What? Plant Grow Carts for the Life Science Classrooms**

Carts that allow students to grow plants from seeds and conduct more accurate experiments on photosynthesis.

**Resources for Rachel Louise Carson House**

Materials for 7th grade community service project building boardwalks for Wayland's conservation trails.

**Update Technology for World Languages**

DVD/VHS recorder, LCD projector / iBook, and digital recorder to enhance language instruction.

**Improving Access to Math (FASTT Math)**

Software program to improve retention of number facts.

**Expanding Kurzweil for Learning**

Scanner and learning lab pack that provides a comprehensive reading, writing and learning software solution for the struggling reader.

**Growing Teacher Leaders**

Professional development seminars and support materials for House and Curriculum leaders.

**Understanding Young Adolescents**

Professional seminars and workshops for all Middle School teachers to deepen their understanding of adolescents and develop skills to reach them.

**LCD Projector for Earth Science Classrooms**

An additional projector to facilitate the teaching of Earth Science through visual presentations.

**New Technology for Social Studies**

New software to coordinate with 6th and 7th grade geography curriculum.

**HIGH SCHOOL**

### **Mobile Language Labs**

iPods and speakers for each language faculty member to use in their classrooms.

### **Closing the Achievement Gap in the Future Planning Process**

Computers in the guidance center for use by students who do not have access to computers at home.

### **A Place for Every Student to Succeed**

Additional computers in the Academic Center for students to use for academic support.

### **Communications Technology for Science Education**

Computers and LCD projectors for the new science modular classrooms.

### **Smart Classrooms in Science Laboratories**

“Smart” technology for each of the science labs, enabling use of the Web, simulations, video and interactivity in science lessons.

### **Bigger, Faster, Stronger**

Training for coaches and students in strength building and conditioning using the weight room.

### **Guest Speaker Faraj Faraj**

Palestinian from the West Bank will meet with 9th grade College World Cultures classes.

### **Youth in Government**

Mock Legislature convention at the State House.

### **Field Sketchbook Guest Artists**

Using observation and drawing to hone and blend skills learned in Environmental Science and Art.

### **Recording Technology for the 21st Century**

Computer-compatible recording technology for the music department.

### **All Asia Day**

Winter Week presenter, researched and planned by the 9th grade College World Cultures classes.

**Becoming More Active: Accessorizing the Promethean ActivBoard**

Mounted projector for language classroom allowing for increased technology and wireless interaction with students.

**“The Case of the Crown Jewels”, an Exploration in DNA Fingerprinting**

Biology students will perform DNA fingerprinting using actual biotechnology equipment.

**Wayland During the Vietnam Era**

With this dedicated laptop, students will act as amateur historians preserving and archiving local history.

**Poetry Slam/Visiting Poet**

A performance during Winter Week to energize and inspire students to find their voices as lyricists and poets.

**Mobile Access to Digital Books**

Audio textbooks and literature supporting the theory that hearing books increases fluency and comprehension.

**Statistics in Everyday Life**

LCD projector and wireless laptop, for the mathematics department, to facilitate access to the most current on-line data and demonstrations for statistics students.