



## **SOUTHBOROUGH EDUCATION FOUNDATION GRANTS 2010-2011**

### **LabQuest: An Innovative Approach to Data Acquisition and Spectroscopy,**

Christine Thompson, **Algonquin Regional High School- \$2,000.00**

Four Vernier LabQuests, one visible wavelength spectrometer and 2 pH probes have been awarded to the ARHS Science Department. This project will increase students' scientific knowledge, data acquisition skills, integrate mathematics and develop analytical skills. Obtaining this data acquisition equipment will allow students to collect, graph and analyze scientific data. **LabQuest** equipment will directly benefit 520 Algonquin Regional High School students in its first year and greatly enhance the 6 current courses and help to prepare students for science after high school and in college.

### **World Language/Specials SMART Boards**

Jeff Drake, **Trottier Middle School-\$7440.00**

The addition of SMART Board technology to the World Language Department will provide windows of opportunity for all of the World Languages students to take virtual trips around the world, teleconference with students around the world, navigate and sight see; all without leaving the classroom! This technology will strengthen student's vocabulary in French, Spanish and Latin. Approximately 400 students will have access to this technology; 300 French Students and Spanish students in the 7<sup>th</sup> and 8<sup>th</sup> grades, 60 Latin students, and virtually the entire 6<sup>th</sup> grade participating in exploratory French and Spanish.

### **Getting "In Touch" with the Curriculum Using Ipad Touch Handheld Device**

Mrs. Sarah Collins, Mrs. Lynn Maynard, Mrs, Deborah Manning, **P. Brent Trottier Middle School-\$4866.95**

This program will significantly benefit students who require specially designed instruction through the use of technology in order to make effective progress in school. Getting "In Touch" will allow students to utilize specific tools and applications of the iTouch as it pertains to designated content and curriculum assignments.

### **Non-Fiction Know How**

Amy Dolan, David Finneran, Kristin Theve, **Margaret Neary Elementary School-\$8481.15**

This program will allow students to access and interact with non-fiction to improve critical thinking and inquiry based research skills. Students will become involved in a year long, cross-classroom learning experience and be offered a dynamic opportunity to participate in several grade-wide initiatives and creative interest-based projects based on this expansion and exposure to non-fiction.

### **Living Poetry Anthology: "Poetry, like bread, is for everyone"**

Nicole Boloz, **Margaret Neary Elementary School-\$681.19**

Bringing poetry to life at Neary will help in creating and maintaining our learning community, and develop students' intellectual curiosity, enjoyment of poetry, and critical thinking skills. Students will research poetry books and create unique displays of poems to create a living anthology throughout the school.

### **Eno Interactive Whiteboards Interactive Editing**

The Third Grade Team, **Albert S. Woodward Memorial School-\$8412.67**

Four whiteboards have been awarded to enhance the learning experience of third grade students at Woodward School. These high-tech multimedia interactive boards will have a dramatic impact on the excitement of learning and capture the student's attention beyond the traditional lessons. The addition of the Interactive Editing component will enhance the whiteboard technology software by adding a critical component of editing. Students will create monthly newsletters, edit their work using Easitech software and skills learned from the interactive editing books and newsletters will be posted on the third grade website.



## **2010 MINI GRANTS:**

### **Wii Can Move**

**Nancy Ahrabi-Nejad, Mary Finn School - \$474.88**

The goal of this project is to increase physical activity and social communication opportunities for children with and without disabilities through peer modeling and positive interactive play activities using a Wii gaming system under the supervision of adult facilitators. Research has proven video modeling to be an effective technique to teach play skills to children with developmental delays.

### **Let's Put it All on the Table**

**Mary Ellen Duggan, Albert S. Woodward Memorial School-\$308.00**

***Let's Put it All on the Table*** is an innovative project that will encompass the competencies of the second and third grade health curriculum via informative signs on the cafeteria tables. Each cafeteria table and the table in the teachers' lounge will have a weekly table top frame displaying a flyer about a health related topic and monthly CARE theme. This innovative and instructional approach will lead to a more health conscious, well informed school community.