



2008-2009 Grant Summary

Lincoln-Sudbury Regional High School

- \$4900 - **Renewed Vigor for Addressing Substance Abuse** - Sue Leichtman
Aims to comprehensively address substance abuse at LS in four ways: by hiring a consultant to train members of a non-disciplinary Student Assistance Team (STAT), providing educational programs for parents regarding substance use and abuse, teacher training similar to the parent program, and running a week long substance abuse awareness program. The program's goal is to raise awareness in the community about the dangers and consequences of substance abuse.
- \$2000 - **WaCom Cintiq Tablet: Enhance Teachers Lectures & Facilitate Student Note Taking** -Rami Alwan
Science teachers Rami Alwan, Nicole Digenis and Maureen Bolton have researched and found a new technology for recording notes and diagrams presented during class lectures. Many students have difficulty taking adequate notes during lectures and some IEPs require that the teacher provide written copies of lecture notes. The WaCom Cintiq Tablet is less expensive than an ActivBoard and potentially more versatile than creating lectures in Powerpoint. The teacher can write on the WaCom Cintiq tablet, which is connected to a computer, and have that writing projected through an LCD projector (already in use) onto a screen. The instructor can also save what is written on the tablet in order to print it later. Two WaCom tablets will be purchased as a pilot program.
- \$1350 - **Wellness Day** - Kelly Mazza
Aim to provide students with the tools to live a good life by promoting ongoing health and wellness awareness. The LS Wellness department will host a one day Wellness Day incorporating several guest speakers, Wellness Shop Around and Wellness Activities and Contests.
- \$750 - **Cooking Up a Madrigal Dinner From Scratch** - Ruth Hartt
The Choral Program will use this grant towards purchase of Renaissance costumes for students to wear during their first Annual Renaissance Madrigal Dinner. At the event the mixed and select choral groups will perform and students will act as servers. Students will also write the script for the evening and learn about the background and proper performance in the madrigal style. The select Chorus from LS has been invited to sing at Carnegie Hall this year. The madrigal dinner is a fundraiser towards that effort.
- \$750 - **Exploring Use of TI Nspire CAS Handheld Calculator in Advanced Math Classes** - Hanka Ray
Five TI Nspire calculators to be used in advanced mathematics classes. These calculators have a computer algebra system, a new enhancement to the graphing calculator currently used by students. A group of students will pilot the use of the enhanced calculator within the existing curriculum and if appropriate to develop new curriculum suited to the new technology.
- \$743 - **Inquiry-based Teaching of Weather (Curriculum Redesign)** - Leslie Knight
Science teachers Leslie Knight and Alison Sanders-Fleming will redesign part of the current weather curriculum so that students learn to observe, measure, and experience weather from a meteorologist's perspective. Students will use anemometers, thermometers, psychrometers, barometers, compasses, and charts to determine cloud type, dew point, and relative humidity. Students will learn to use these tools to understand and analyze internet, television, and newspaper weather maps including Doppler radar. The redesigned curriculum will bring students outdoors to observe and quantify weather related variables.
- \$725 - **Robots in Math Education** - Robert Cohen
Purchase of five personal robots kits in order for students to use geometrical concepts to teach robot path planning. He will also work with students as an extracurricular activity to develop the curriculum for this unit.
- \$650 - **Conga Drums** - Thomas Grandprey
Five new Caribe Conga drums will be used to promote the development of afro-cuban drumming skills for percussion students. Conga drums will be used by both Concert Band and Jazz Ensembles. Instructor intends to create a new African Drum circle percussion group. The Caribe Conga is the smallest of the conga drum family. It can be worn with a strap, which enables it to be used in a variety of both musical and visual performances.
- \$300 - **China Study Tour** - Cailleen Bernardi
History teacher Cailleen Bernardi will participate in a trip to China with Primary Source in order to enhance the Global Issues curriculum. Specifically, she would like to improve the globalization unit.
- \$200 - **Supporting an LS Student Book Club** - Cynthia English
Librarian Cynthia English will be an informal advisor to the club. Books will be purchased for students involved in the club, and the books will be returned to the LS library when discussion is complete.



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District-Wide Benefiting All Elementary Schools

- \$5400 - **Education for a Green Future** - Karen McCarthy
A group of K-8 teachers and Curriculum Specialist Karen McCarthy will spend time during the summer revising the science curriculum to reflect a greater emphasis on environmental issues, such as sustainability, climate change, and renewable energy. This grant will be used to fund teacher time, Kill-A-Watt meters, and books.
- \$4335 - **Digital Video as a Teaching Tool** - Donna Criswell
Digital video cameras will be used by a core group of 17 teachers and curriculum specialists who will be trained in creating and editing footage to be shared. Once created, footage can be incorporated into class presentations using the ActivBoard. Curriculum specialist Donna Criswell intends to create "best practices" videos. The technology will be used by Sudbury elementary schools and Curtis. This is a broad pilot of a new technology.
- \$3443 - **Implementing the Continuum of Literacy Learning** - Jan Binus
Copies of the text Continuum of Literacy Learning K-8 by Fontas and Pinnell will be purchased for all classroom teachers, literacy support personnel, and special educators district-wide. The intent is to provide consistent ELA learning expectations throughout the district. Teachers will be expected to use the text as a guide to curriculum development. The text targets four key areas: assessing literacy development, evaluating student progress and reporting grades, discussing expectations with parents, and identifying specific needs for targeted intervention.
- \$2400 - **Science in the Field: Nature Camp for K-5 Classroom Teachers** - Karen McCarthy
A group of eight teachers will attend a Nature Camp Conference at Drumlin Farm during the summer. Mass Audubon has developed a summer course in conjunction with a group of teachers from neighboring schools. The course is designed to introduce principles of ecology and to suggest methods and resources for helping teachers bring the practice of scientific exploration back to the schoolyard and neighborhood. This grant also allows for follow up meetings during the school year to share ideas, provide feedback, and to plan how to disseminate and implement this improved curriculum across the district.
- \$1194 - **Response to Intervention (RTI) Professional Development** - Jan Binus
Four literacy specialists, the ELA curriculum specialist, and the district Early Childhood Director will attend a one-day workshop entitled "Response to Intervention: Effectively Intervening With Students Before They Fall Too Far Behind in Reading" (Grades 1-5). RTI is a federal initiative included as part of No Child Left Behind that is now required of all public schools. RTI requires specific, multi-tiered (research-based) intervention, assessment and reporting for struggling students.
- \$750 - **Poetry in First Grade** - Maria Papetti
Funds a small collection of poetry books for each first grade classroom in the district following first grade teachers' and literacy specialists' participation in three professional development sessions on teaching young students to write poetry. Teachers also shared and developed lesson plans to unify teaching across the district as a result of these sessions.
- \$700 - **Science Notebooks: A Tool for Enhancing Scientific Inquiry and Literacy** - Karen McCarthy
Funds attendance at a "Teach the Teachers" workshop for a group of seven K-5 teachers from across the Sudbury school district. The workshop will focus on the integration of science and literacy through the use of science notebooks. The district is funding the attendance for the science specialist, language specialist, and one elementary principal. These individuals will pilot the program in the spring of 2009, share feedback during ILAP time, and then expand the program by training additional teachers in the use of science notebooks.



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Curtis Middle School

- \$2145 - **Preventing Violence Through Educational Theater** - Elizabeth Grams
Deana's Educational Theater will perform for each grade at Curtis. Emphasizes relationship building and bullying prevention. The content will be tailored to each grade level, filling the need recognized by the media to make schools a safer place.
- \$1300 - **New Cello/Bass for Use in Class** - Nathanael Erde
Purchase up to two new Cellos/Basses for the Orchestra Program. Current bus regulations do not allow cello or bass instruments to be transported via bus. Instruments will be stored at the school and therefore students will not need to transport an instrument in order to participate.
- \$810 - **Acquiring History Alive Teacher Resources Kit** - Tammy Fox
Purchase of the Ancient World Teacher Resources Kit by History Alive! In 2006 -2007, Curtis adopted History Alive! as a new textbook for the grade 7 curriculum. This kit includes lesson guides, transparencies, CD-ROMs, a History and Social Science Tool Kit, an interactive student notebook, and access to online resources. The kit will help teachers include more visual imagery thereby strengthening the lesson for all types of learners.
- \$750 - **Integrating Social Studies and ELA in Sixth Grade** - Jan Binus
This grant will fund multiple copies of three books: [Journey to Jo'Burg](#), [Breadwinner](#), and [China's Son: Growing Up in the Cultural Revolution](#). Each book portrays a young adult living in a part of the world that is studied as part of the Curtis Social Studies curriculum. Reading these titles in ELA will help bring a broader understanding of these regions to sixth grade students. Books will be housed in the Curtis library and can be signed out as needed for those assigned to use them.
- \$750 - **Fostering Critical Thinking in Music** - Bob Mealy
The music department will purchase equipment that will enable them to record student rehearsals before concerts. They will then evaluate these rehearsals using an established performance rubric.
- \$608 - **Acquiring an LCD Projector**- Martha Soper
An LCD projector is being purchased because view of TV is obstructed by permanent lighting fixtures. The equipment will enable Ms. Soper to project language connected material, materials from websites, video clips, and student skits where students can see them.
- \$498 - **Ambassadors of Boston, 8th grade METCO student** - Diane Krasnick
This grant will enable 8th grade METCO students to serve as hosts of a field trip to the City of Boston. Each METCO student will invite a peer to attend the field trip. Students will participate in the Heart of the Freedom Trail Tour conducted by the Boston By Foot organization. Ms. Krasnick believes that this trip will give METCO students a leadership opportunity as they will select the students who attend and then showcase a more urban environment to their peers.
- \$140 - **World Mythology Unit** - Robin Sallese
Purchase of picture books related to various world creation myths. In addition to the Greek creation and explanatory myths already taught, Ms. Sallese will use these books to incorporate creation myths from around the world. Texts will be available to all ELA teachers across the sixth grade.
- \$130 - **Music of the World CDs** - Robin Sallese
Purchase of several Putomayo as well as other cultural region CDs to play music for students as they label maps during their geography units. Every 3-8 weeks students learn about a new region and/or continent. Students will listen to music reflective of the culture of each region while working on maps.



2008-2009 Grant Summary

Haynes Elementary

\$2460 - **Tools for Self-Regulation Conference** - Robin Sutton

Five teachers will attend a conference to be trained in the Alert Program. Teachers who attend the conference will then train/consult with additional teachers to address this issue. The occupational therapist has recommended specific equipment to be used in conjunction with the training. This program will largely benefit a distinct population of students with severe needs. The majority of the teachers attending the conference are from the Haynes Elementary School.

Nixon Elementary

\$1804 - **Portable Document Camera Teaching Station** - Joni Jay

Purchase of a document camera, LCD projector, and cart in order to create a "portable teaching center". The equipment will be shared by all staff at the Nixon Elementary School. The document camera captures pictures and texts, and the LCD projector allows for images to be projected onto a large screen for presentations.

\$732 - **Reading Professional Development Resources** - Kathy Zito

Three video training resources to target guided reading with non-fiction texts, conferring with readers and ways to enhance instruction within small groups. Videos will provide practical research based strategies to improve guided reading instruction.

\$300 - **Jazz Materials for General Music** - Leslie Dooley

Develop a resource library and lesson plans using American Jazz. Using books, recordings, posters and DVDs, Ms. Dooley will expose students to Jazz as a uniquely American art form. Jazz will be integrated into the general music curriculum to highlight musical concepts such as steady beat, volume, tempo, instrument identification, articulation, rhythmic and melodic patterns, improvisation, theme and variation and style.

Loring Elementary

\$8500 - **Wilson Foundations Student Durable Kits for K-3 Classrooms** - Katherine Brown

Purchase Student Durable Kits for K-3 classrooms. Kits support the Wilson Foundations Program, the district wide writing and spelling program since 2006-2007. Kits include various manipulatives such as letter tiles, magnetic boards, and writing boards. The Sudbury School District intends to pick up cost of these kits for the remaining elementary schools if this pilot is successful.

\$750 - **Word Study: Integrating Phonics, Vocabulary and Spelling Instruction**- Susan Laufer

Three 5th grade classrooms at the Loring Elementary School will order Words Their Way: Word Study in Action. Words Their Way is a research based program endorsed by but not mandated by the Sudbury School District. In the past, SERF, PTOs and the District have funded these materials. This year the district cannot fund these materials. Students' skills will be assessed before, during, and after completion of the program in order to measure student progress and determine the success of the program. If successful, the program will be spread to the other fifth grade classrooms in the school.

\$750 - **Short Text for Guided Reading in Fifth Grade** - Sara Fischer

Additional titles will be added to the Guided reading selection for the 5th grade. Texts will include both fiction and non-fiction titles as well as content that integrate both social studies and science topics into the language arts curriculum. Shorter high-interest texts allow for more differentiation in instruction. Bibliography of texts will be shared district wide.

\$490 - **Attendance at National Council of Teachers of Math(NCTM) Annual Conference** - Joy Cooke

Curriculum Specialist Joy Cooke and Loring teacher Mary Taylor will attend the National Conference of Math Teachers, which focuses on leadership, professional development, and an exploration of currently available resources. Mary Taylor has been invited to present at the conference along with representatives from the Math Forum.



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Peter Noyes Elementary

- \$694 - **Medieval Art for Elementary Students** – Colby Caravaggio
Noyes art teacher Colby Caravaggio will develop a unit on Medieval Art. Appropriate materials will be purchased to produce projects such as heraldic shields and banners, grails or goblets, “stained glass” windows, and decorated manuscripts. The teacher has the opportunity to display student work in the Atrium Gallery at Lesley University in late October 2009 during the New England Medieval Conference.
- \$686 - **The Tempo of Music Technology** - Michael Gorgone
Purchase a microphone, keyboard, speaker system and headphones in order to record student performances. Headphones will be used in a listening station.
- \$412 - **Empowering Students by Building Resiliency with Anxiety Resources** - Jennifer Neville
Improve the available library of resources to help children deal with anxiety. Specifically, Ms. Neville would like to add the Coping Cat Program. These resources will be used to complement the Open Circle Curriculum. Specific books and materials were detailed within the grant application.
- \$378 - **Student Maps of Canada** - Shannon Famigletti
Purchase two sets of Canadian maps (30 maps per set) to be used in support of the 4th grade social studies curriculum. Maps will be shared with 5th grade classrooms when needed.
- \$160 - **Making Healthy Food Choices Board Games** - Christy-Mae Carrara
Purchase six copies of a board game entitled Which Way Cafe. The game will be used to enhance the 4th grade curriculum on nutrition.