

Newton Schools Foundation Grants 2006-2007

School(s)	Grantee		Project Title	Project Summary	Project Costs Funded by NSF	Award Amount	Area of Study
Systemwide: Elementary	Janet	Buerklin	Michael Jackson Marches to Lexington	Third grade students will learn about life in colonial Newton and it's role in the American Revolution, taking on personas of real colonial Newton families.	Research on the history of Newton.	\$7,500	Social Studies
Systemwide: Elementary	Chris	Swerling	Linking Literacy and Technology in the School Library/Media Center	Provide document cameras that will be shared and used among the 15 elementary school library media centers to implement a Readers Theater program.	Purchase of document cameras and Readers Theater support materials.	\$7,000	Literacy, technology
Systemwide: Elementary	Arnold	Harris	Learn and Play Together	Curriculum to teach beginning band instruments to 4th graders. Students play music in two parts, together, from the very beginning of their instrumental study.	Compensation of teacher time; copies of curriculum books.	\$1,400	Instrumental Music
Systemwide: Elementary and Middle Schools	Steve	Silverman	Summer Technology iCamp	Elementary and middle school teachers will have an intensive four-day experience learning how to use and integrate technology into the daily work of their classrooms.	Compensation for teachers.	\$9,500	Technology Integration
Systemwide: Middle and High Schools	Jody	Klein	Literature and Film Across Languages	Teachers of Chinese, French, Italian, and Spanish will participate in film and literature workshops in their respective target language.	Compensation for teachers.	\$4,000	World Languages
Systemwide: Middle and High Schools	Jody	Klein	Teacher Web Sites for World Languages	Teachers will learn to develop and/or enhance interactive language learning web sites.	Compensation for trainers.	\$2,000	World Languages
Systemwide: North and South	Steven	Rattendi	Revolutionizing Teacher Education	The Newton Teacher Training Institute (NTTI) is a collaborative, innovative approach to teacher training and professional development.	Compensation for design services; cost of brochures, postage and website	\$8,200	Teacher training
Angier	Cynthia	Bencal	Bullyproofing the Playground	Replication of a successful program at Cabot and Countryside schools to train lunch aides in techniques that would enhance their management of students during their supervision of lunch/recess programs	Compensation for psychologists, social workers and aides; purchase of materials and supplies.	\$2,000	Anti-Bullying
Bigelow	Missy	Costello	Virtual	ELL students at Bigelow will practice and	Compensation for ELL	\$1,600	ELL

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			Conversations Lead to Real-World Skills	learn English using interactive DVDs and computer-based activities.	teacher; purchase of DVDs, books, workbooks, comprehension and grammar activities and subscriptions to online resources.		
Bigelow	Missy	Costello	Telling Tales in School	Fred Mugaba of Uganda will share stories and artifacts with sixth graders and facilitate a "sister school" connection in Uganda. Students will exchange pen pal letters, folktales, and poetry.	Compensation for presenters; bookbinding, game printing, videotapes, stationary and postage.	\$1,500	Social Studies, Literacy
Bigelow	Jody	Klein	Geography of Africa	Development of a unit in French on Contemporary Africa with an emphasis on learning about countries where French is a commonly spoken language.	Compensation for teachers; purchase of desk maps.	\$2,900	World Language, Social Studies
Brown	Emily	Cline	Reading in Spanish	The Spanish department at Brown will further develop its reading curriculum by incorporating new reading materials that interest the students and broaden their scope of both culture and language.	Compensation for ELA consultant and teachers; purchase of Scholastic Monthly Readers and supplies.	\$3,500	Spanish, literacy
Brown	Michelle	Bloom-Scheff	Using iPods in World Languages	Using this technology, foreign language teachers will be able to assess a student's verbal skills and progress individually.	Compensation for teachers; purchase of Illustrator and licenses, photo paper, toner and CD-R's.	\$1,800	French/World Language
Brown	Abigail	Hanscom	Understanding Autism: a Program for Teachers, Students and Staff	School faculty meeting, led by an outside speaker, on the topic of general Autism education.	Compensation for guest speaker and teachers; purchase of books, videos and workbooks.	\$800	Special Education
Brown	Jody	Klein	Geography of Africa	Development of a unit in French on Contemporary Africa with an emphasis on learning about countries where French is a commonly spoken language.	Compensation for teachers; purchase of desk maps.	\$2,900	World Language, Social Studies
Burr	Cynthia	Bencal	Bullyproofing the Playground	Replication of a successful program at Cabot and Countryside schools to train lunch aides in techniques that would enhance their management of students during their supervision of lunch/recess	Compensation for psychologists, social workers and aides; purchase of materials and supplies.	\$2,000	Anti-Bullying

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				programs			
Countryside	Emily	Ostrower	Responsive Classroom Teacher Training	Training to incorporate Responsive Classroom approaches in every classroom across the school to establish a strong, consistent school culture.	Compensation for teachers.	\$5,000	Pedagogy
Day	Robert	Provencher	The Daytime: A New Direction	Increase opportunities for Daytime through the purchase of journalism equipment and development of an extra-curricular opportunity for interested Newton middle school students.	Purchase of computer hardware and software..	\$20,000	Journalism, publishing
Day	Jody	Klein	Geography of Africa	Development of a unit in French on Contemporary Africa with an emphasis on learning about countries where French is a commonly spoken language.	Compensation for teachers; purchase of desk maps.	\$2,900	World Language, Social Studies
Horace Mann	Melissa	Chatfield	One More Time Like you Mean It	Creation of a model integrating fluency instruction into the Newton early childhood literacy block using: Readers' Theater, Recorded Reading, Self-recording, Buddy reading, Choral Reading and Read Aloud.	Compensation for workshop; purchase of caliphone music maker, headphones and reading materials.	\$3,300	Literacy (fluency)
Mason Rice	Cynthia	Bencal	Bullyproofing the Playground	Replication of a successful program at Cabot and Countryside schools to train lunch aides in techniques that would enhance their management of students during their supervision of lunch/recess programs	Compensation for psychologists, social workers and aides; purchase of materials and supplies.	\$2,000	Anti-Bullying
Mason Rice	Chris	Swerling	Stop Plagiarism	Write and pilot a new curriculum of note taking strategies for grades K-5 linked to library curriculum.	Purchase of materials and compensation for teachers time.	\$2,300	Library curriculum
Mason Rice	Mark	Springer	Robots Invade Mason-Rice School	Students will learn to use LEGO building programs that provide hands on experiences and build an understanding of basic engineering and physics principles.	Compensation for teacher training; purchase of LEGO sets.	\$1,200	Engineering, technology
North	Amy	Winston	Be Prepared: The Physics MCAS	Physics teachers will prepare students for the first science MCAS by examining current physics teaching techniques, and learn from the math and English classes that have already been revised.	Compensation for teachers; professional development books, lab and meeting materials.	\$9,300	Science

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North	Lynne	Rossmann	Expanding Television Production	Training and equipment to expand the television production opportunities at North for all members of the school.	Compensation for teachers; purchase of digital cameras, computers,	\$9,000	Media
North	Ann	Dannenberg	Creatures in Cruddy Communities: Micro-World Ecology	Purchase of Videoflex cameras which project microscopic images for class observation and discussion.	Compensation for teachers; purchase of microscopes, cameras and supplies.	\$7,800	Biology
North	Shannon	Slattery	Stop the Presses (Not!)	Two new Etching presses will be purchased for the purpose of fine art printmaking.	Purchase of printing presses, accessories and paper.	\$3,000	Fine Arts
Oak Hill	Eric	Arnold	Radio Drama Rama	Purchase of radio equipment to teach sixth graders at Oak Hill how to create a radio performance, a live Reader's Theater presentation and hold a debate.	Purchase of radio equipment including microphones, headphones, filters and cables.	\$3,800	English, Social Studies
Oak Hill	Jody	Klein	Geography of Africa	Development of a unit in French on Contemporary Africa with an emphasis on learning about countries where French is a commonly spoken language.	Compensation for teachers; purchase of desk maps.	\$2,900	World Language, Social Studies
Peirce	Lisa	Erdekian	Focus on Art	Students will be able to access the electronic library of museums and galleries worldwide.	Purchase of an iBook and projector.	\$1,900	Fine Arts
South	Sally	Rosen	Project Aquarius	Project Aquarius is the design, implementation and stewardship of two 130-gallon aquarium tanks at Newton South High School.	Purchase of supplies and equipment for the aquarium tanks.	\$6,200	Ecology, biology
South	Robyn	Marder	Teachers as Learners	Professional author will work with teachers at South to develop creative writing teaching approaches, writing prompts, assessment rubrics and writing portfolios.	Compensation for trainer and teacher time.	\$4,800	English (writing)
South	Frances	Moyer	Honesty Curriculum	Involve entire faculty in the development and teaching of an Honesty Curriculum as a part of every discipline at South.	Compensation for teacher training.	\$1,200	English
South	Carol	Ober	Skeletons in the Closet: Anatomy	The Anatomy & Art program is designed to enhance a student's understanding of the	Purchase of a skeleton, art supplies, computer	\$1,200	Science, Art

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			and Art	human body by approaching it from a scientific perspective as an avenue for creative expression.	materials and books.		
Ward	Audrey	Peller	Reaching All Learners in Mathematics	A mathematics consultant will help second and third grade teachers develop a model for math instruction with coaching and supportive collaboration to meet the needs of all learners.	Compensation for consultant.	\$4,800	Mathematics
Ward	Hannah	Ritchie	Reading to Learn	Creation of a nonfiction literacy curriculum to introduce first-grade students to the nonfiction genre and to the process of reading, synthesizing, and writing factual material.	Compensation for teachers; purchase of a photo printer, digital camera and book supplies.	\$3,100	Curriculum integration (science and literacy)
Zervas	Stephen	Griffin	Math for All	Development and implementation of differentiated math instruction that will meet the needs of the struggling learner and the advanced learner more specifically.	Compensation for teachers; purchase of math curriculum resources.	\$4,100	Math