

Sample Programs

Category	Grade	Town	Program Name	Dollar Request	Description
Reading	1	Framingham	READ ALONG PUPPET PROGRAM:	\$ 700	<p>This project will bring the Read Along Puppet Program to first graders during the 2002-2003 school year. Ms Dolores Dickie will visit each first grade classroom twice during the year. She will read a book to the class and work with the children to make a puppet of the main character that will be used in various extension activities to “bring the books to life” and enrich literacy for the students.</p>
Math	3	Framingham	TRAVELING MATH BAGS:	\$ 730	<p>This project will result in the creation of Traveling Math Bags for third grade students. Each bag will be correlated to a unit from the math program and will include games, activities, writing journals and related literature. The bags will travel home with students on a rotating basis, where families can take part in a wide assortment of math related enrichment activities.</p>
History	8-9	Framingham	VOICES OF HISTORY – HANDEL & HAYDN SOCIETY VOCAL QUARTET :	\$ 900	<p>This project will bring the Handel & Haydn Society to Framingham High School for two performances of their Voices of History program. This program introduces students to the great diversity of choral music through history. The program also shows how music relates to life and culture and offers historical, technological, scientific, social, and political contexts for a broad range of music.</p>
Reading	K-3	Framingham	INTEGRATING TECHNOLOGY AND CURRICULUM THROUGH VISUAL LEARNING:	\$ 900	<p>This project will use the Kidspiration software to create customized computer lab activities that demonstrate appropriate technology skills and strengthen knowledge of the classroom curriculum for students in grades K-3. Kidspiration is a visual learning tool that is particularly suited to emergent readers because it allows for lessons to be taught graphically and then for audio and text support to be incorporated. It is highly customizable and allows for incorporation of specific curriculum lessons into the technology.</p>

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Reading	1	Framingham	SUMMER LENDING LIBRARY EN ESPANOL:	\$ 750	<p>This project will expand the summer lending library, instituted two years ago, to include books in Spanish. The program will initially be targeted to first graders. The summer lending library has helped maintain and strengthen the literacy skills that students have developed over the course of the school year. The goal of this project will be to extend those benefits to first graders whose native language is Spanish.</p> <p>This project seeks to develop a greater interest among fifth graders in good literature through participation in the Massachusetts Children's Book Award (MCBA) program, sponsored by Salem State College. Multiple copies of the MCBA nominated books will be purchased and, during the school year, fifth graders will read at least five of them and vote for their favorite. Students will also engage in class and library activities designed to increase enthusiasm for and participation in the project.</p>
Reading	5	Framingham	MASSACHUSETTS CHILDREN'S BOOK AWARD PROGRAM:	\$ 800	<p>This project will provide a canvas bag of reading and writing materials that will be sent home with kindergarten students throughout the school year. The intent is to engage both the child and his/her parent/guardian in the process of reading and writing at a child's appropriate level of instruction. The literacy bag creates a link between home and school, helps to reinforce a child's early literacy skills, and guides parents/guardians in appropriate literacy activities for kindergarten students.</p>
Reading	K	Framingham	LITERACY BAGS TO GO:	\$ 725	<p>This project will provide kindergarten students with appropriate non-fiction texts that complement the Framingham Public Schools science and social studies curriculum. These books are appropriate for emerging readers and will allow students to work on literacy skills while concentrating on kindergarten science and social studies topics.</p>
Reading	K	Framingham	SCIENCE AND SOCIAL STUDIES BEGINNING BOOKS:	\$ 500	

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Math	K-12	Framingham	MATH AND LITERATURE PROPOSAL:	\$ 350	<p>The goal of this project is to enrich students' experience of mathematics by integrating literature into mathematics instruction. Teachers will select and purchase books that supplement and support the second grade mathematics curriculum. As students cover a topic in mathematics, they will also share a book that is relevant to that topic. Reading the book will support students' literacy development as they use literature in a new way—to understand math.</p> <p>This project will enrich students' experience of literature by incorporating Readers' Theater into the second grade literacy program. The Readers' Theater program provides materials that allow students to integrate art, social studies, and science with language arts through creative dramatics. Students learn and perform plays in curricular areas of language arts (folk tales), social studies (famous Americans), and science. The program culminates in the performance of a student written play in the spring.</p>
Reading	K-6	Framingham	READERS' THEATER PROPOSAL:	\$ 400	<p>This project will provide support for a Community Service Learning Project involving students in Framingham High School's Resiliency for Life (RFL) program. Twenty RFL students will serve as one-on-one tutors and mentors to middle school youth who attend the Framingham Boys and Girls Club after school. Framingham Education Foundation funds will provide supplies that the RFL students will use to document their experiences.</p>
Other	Middle	Framingham	RESILIENCY FOR LIFE:	\$ 200	<p>This project will engage children in the design of a ceramic tile mural that will become a permanent addition to the art room. As part of the third grade science and art curricula, children study patterns in nature and art. Using this theme, children will design tiles during their art classes to create a mural that will cover the back splash area behind the sinks in the art room. Children in the Woodrow Wilson After-School program will also collaborate on this project.</p>
Art	Middle	Framingham	PATTERNS IN NATURE MURAL:	\$ 475	

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Math	4-5	Framingham	FAMILY MATH WORKSHOP:	\$ 1,000	<p>This project will support the development of evening workshops for fourth and fifth grade families. These workshops will be designed to improve school-home connections for practicing math skills and concepts, supply families with resources and strategies to assist their children in strengthening math skills, and improve confidence and comfort levels with math for both students and families. This project will enlarge and expand the scope of the pilot listening project that was begun this year for students in grades 3-5. The pilot Listening Library of recorded books has already dramatically increased the number and quality of books that students are reading. The expansion of the project will lead to even greater gains in reading comprehension, reading fluency, vocabulary knowledge and oral language development for both native English speaking students and the significant number of students for whom English is a second language.</p>
English	3-5	Framingham	RECORDED BOOKS TO SUPPORT LITERACY:	\$ 600	<p>This project will provide a wide variety of literary materials for special needs students with significant developmental delays. Special educators and librarian aides will develop a section of materials in the school library that are sensory-rich, tactilely receptive, concept-driven books. These materials will allow the students to realize more success with and experience the joy of books. Materials will also be available to be taken home by parents.</p>
Reading	SPED	Framingham	SPECIAL NEEDS LIBRARY:	\$ 500	
Math/Social Studies	4	Framingham	LEARNING ABOUT MASSACHUSETTS THROUGH CARTOGRAPHY:	\$ 525	<p>This project will present a cartography workshop by a professional cartography educator to fourth grade students, as part of the social studies unit on the study of Massachusetts. The workshop will reinforce math skills, illustrate various kinds of maps, and demonstrate the use and art of mapmaking to enhance the student's study of Massachusetts.</p>

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Social Studies	Middle	Framingham	WORLD TRAVEL INTEGRATION PROJECT:	\$ 500	<p>This project will expand and refine an innovative social studies integration project initiated this year with first grade students. Students in standard and bilingual first grade classrooms will “travel” together to Kenya, Africa and Brazil, South America three times each week over the course of the school year. Teachers will use audiovisual materials, artifacts, literature, music, and maps to help students prepare for their trips and immerse them in the cultures of their destination. The project will allow students to study different cultures through an integrated thematic unit and promote cross-cultural relationships between standard curriculum and bilingual students.</p>
Reading	K	Framingham	BOOK BAG LITERACY PROGRAM:	\$ 700	<p>This project will create a Book Bag Literacy Program for all kindergarten students. Every other week, students will take home a bag of books that has been organized around a particular theme, such as science or biographies. The bags will also include a journal in which parents and children will write and/or illustrate their shared reflections about the books. The Book Bag Literacy Program will promote and encourage home-school literacy opportunities, encourage the development of daily reading habits, and instill a sense of responsibility in children for the safe care and return of the book bags.</p>
Community Service	Elementary	Franklin	Alica Bell – Empty Bowls	\$ 650	<p>Supports the purchase of materials required for making bowls, as well as related marketing materials that are used to promote an annual supper that raises funds for the food pantry.</p>
Community	Elementary	Franklin	Laraine Hawkins - GIS Remote Sensing Lab and Classroom	\$ 1,441	<p>Provides digital cameras, as well as other equipment and supplies to expand the capability of the GIS classes to complete numerous community mapping projects. Students will work with various town and community organizations to gain real life experience.</p>

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Community	Middle	Franklin	Roberta Oehley – Deana’s Fund Educational Theatre Programs	\$ 2,290	This program promotes healthy relationships among peers, and helps to prevent harassment, bullying, and relationship violence. Issues are presented to each grade level through a dramatic, interactive 3-person play. Curricula, classroom activity books and planning guide are provided to teachers prior to performances.
Social Studies	Middle	Franklin	Carolyn Fortuna – Top One Hundred Classic American Films	\$ 660	As an after-school activity, this project enables students to compare depictions of American society in film through viewing, analysis, and discussion.
Music	Middle	Franklin	Vicki Garino – Composer in Residence	\$ 2,450	A piece of music will be commissioned specifically for a middle school band, and the composer will serve as an artist-in-residence during the year to assist the students in interpreting and performing the composition.
Drama	8	Franklin	Carolyn Fortuna – Costume Wardrobe for A Midsummer Night’s Dream	\$ 1,280	Costumes will be provided for use by 8th graders at both middle schools studying “A Midsummer Night’s Dream”. Costume-based learning enhances student understanding of characters and content.
Social Studies	6-8	Franklin	Carol Lewenberg and Rhonda Havenor – Joseph Burchac, Native American Expert	\$ 2,500	This award-winning author and storyteller will perform and interact with 6th, 7th, and 8th grade students in their study of Native American culture through literature.
Science	8	Franklin	Jonathan Twining, Russ Holden and June Thall – Vernal Pools as Outdoor Classrooms	\$ 2,478	Vernal pools will be used as outdoor classrooms. The vernal pool ecosystem will be a model for understanding other ecosystems, communities, and populations. The program also provides real world experience with environmental issues and their impact on the community.
Motor Skills	K	Franklin	Beth Bohannon – Kindergarten Classroom Supply Closet for Sensory and Motor Development	\$ 2,300	This project provides a variety of equipment and materials for fine motor development and sensory stimulation that support learning for all kindergarten students. The project is an outgrowth of professional development recently completed by the teachers.
Literature	K-5	Franklin	Judith Bassignani and Barbara Blake – Poet-in-Residence	\$ 1,500	The poet-in-residence will work with all K-5 classes to enhance poetry instruction as part of an extended school-wide poetry initiative related to skills required by the Curriculum Frameworks.

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Literature	5	Franklin	Melissa Cacciapaglia and Ellen Pierce – Lending Library for Before School Breakfast Book Club	\$ 500	Multiple copies of selected books will be purchased for 5th grade students participating in the Before School Breakfast Book Club. Program enhances love of good literature by expanding selections beyond standard curriculum..
Community	All	Franklin	Bernadette M. Conroy – Franklin Resource Guide Family	\$ 2,365	This project will support the publication of a Family Resource Guide and enhance the Resource Center which benefits families in Franklin. An online version of Resource Guide will be accessible through a link on the Franklin Website.
Reading	1-5	Dover/Sherborn	Guided Reading Libraries	\$ 15,560	This grant would provide for the second phase of PHS's recently acquired Scholastic Reading Program. It requests collections of books which are leveled; offering a continuum of challenging titles to address each student's current ability. This grant was originally requested for grades 1-5. We have adjusted it to provide for grades one and two only. These grades are ready and prepared to implement this phase. The fifth grade is hoping to enhance its curriculum-related reading program with the purchase of five titles of historical fiction.
Literature	5	Dover/Sherborn	Thematic Literature	\$ 605	
Spelling	5	Dover/Sherborn	Franklin Spelling Aces	\$ 383	Franklin Spelling Aces are hand held spell-check devices. They are already in use at PHS and considered a successful tool. The fifth grade seeks to purchase four per classroom.
Reading	k-2	Dover/Sherborn	Listening Centers	\$ 8,909	The equipment proposed in this grant would provide dedicated listening centers in each of the Pre-K, Kindergarten, first and second grade classrooms. We have omitted the actual cassette players, as most classrooms already have them, and new ones can be purchased through the budget.
Art	All	Dover/Sherborn	Art Appreciation	\$ 1,631	This grant would fund a new and updated art appreciation program for all grade levels.

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Reading	All	Dover/Sherborn	Listen Up!	\$ 1,430	This is an addition to last year's grant with a request for new titles, more books and more cassettes. The listening centers have been a very successful tool in promoting independent reading for all levels of students.
Music	All	Dover/Sherborn	Community Drumming with World Percussion	\$ 320	This grant is to purchase 2 Tuneable Tubanos and it will complete the drum ensemble at Chickering School.
Social Studies	3	Dover/Sherborn	China Studies for Third Grade Students	\$ 1,200	For additional materials and learning tools to help students prepare for the study of China in later years. Previous DSEF grants have provided supplies and materials. This grant looks to replace some of those items and bring in others.
Reading	K-2	Dover/Sherborn	Reading with TLC	\$ 4,504	This grant is for a two day seminar and materials for all K-2 Classroom Teachers, their aides, and the Special Educators in Reading with TLC (Telian-Cas Learning Concepts, Inc.). This method augments the techniques that classroom teachers are already using, training the K-2 staff to use imagery, mnemonics, and multi-sensory techniques to improve reading skills. It provides classroom teachers with a wider range of teaching techniques to help some struggling students learn to read.
Music	All	Dover/Sherborn	Sound Equipment for Music Department	\$ 769	This request is for 2 microphones and one amplifier with accessories for mounting and storing. The sound projection equipment is for school and community use and would be able to pick up instrumental as well as vocal sounds.
Music	4-5	Dover/Sherborn	Cymbals for Chickering Band	\$ 372	Request for one crash cymbal for the drum set and a ride cymbal for the 4th and 5th grade bands. Three school bands would be using these cymbals.
Science	3	Dover/Sherborn	Space Science in Third Grade	\$ 1,620	This grant is to fund the purchase of the Vista Program, Exploring Earth's Neighborhood, and a small sized space suit-all hands-on material to enhance the space unit being taught in the third grade at Chickering School.

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Music	4-5	Dover/Sherborn	¾ size Tuba with Mouthpiece and Case	\$ 2,678	This tuba would be for use by 4th and 5th grade students in the instrumental program. Currently music stores do not rent tubas. The tuba is an important component of the band and is used at the Middle and High School levels.
Math	4-5	Dover/Sherborn	Success Maker Math Software	\$ 14,650	Math software, licenses, external consulting fees, and support for K-5.
Other	6-8	Dover/Sherborn	Critical Friends Group – Judy Klein, Sarah Foleno, Keith Grove – Grades 6-8	\$ 5,000	This grant would fund the training of four Critical Friends Group (CFG) Coaches. CFG members agree to meet regularly to examine teaching practices, give feedback and create accountability for classroom improvement. The aim of the practice is to “deprivatize” each teacher’s practice through peer examination, problem solving and coaching. As teachers spend the vast majority of their time with students, CFG provides the structure for teachers to share and critique each others’ practices. The goal of CFG is to promote the dissemination of best practices by supporting teachers who actively pursue improvement.
Enrichment	6-8	Dover/Sherborn	Arts in Education-Paul Berkel o/b/o faculty and community-Grades 6-8	\$ 5,000	This is a discretionary grant that would allow curriculum enrichment through the arts. The emphasis will be on hands-on experiences. The grant could cover artists, musicians, writers in residence, dance troupes, etc. All would aim to enhance the curriculum through the arts.
Technology	6-12	Dover/Sherborn	ETC First Class Module – Keith Grove – Grades 6-12	\$ 3,500	The etc module is an add-on to our current email server, First Class. It is designed to extend the functionality to First Class to transform it to a virtual classroom. Courseware, lesson plans, schedules, assignments and completed work can be posted and accessed through etc. Etc also supports discussion groups, live chat, workgroups and on-line testing. Etc is designed to move many of the traditional classroom and paper based functions to an electronic on-line medium. This would be a one time purchase.

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Literature	6	Dover/Sherborn	Travis Roy – Amanda Gees – Grade 6	\$ 2,775	(professional fee may be negotiated) The cost covers 75 copies (25 for each English teacher) of his book, Eleven Seconds at \$17(only in hardcover) and \$1500 for 3 days at school visiting each 6th grade class. Students will read his book. They will write before and after his visit in the genre of journal entries, poetry, essays and letters. The focus is personal struggle and lessons learned and being learned. The sixth grade curriculum, through reading and writing helps students gain a better understanding of life experiences and relationships. This would be one of hopefully several programs on diversity at the Middle School during the 2002-2003 school year. The committee felt it was too bad this program would not be for the entire school community.
Social Studies	6-8	Dover/Sherborn	World Cultures Week- Kathleen Egan, Foreign Language & Randy Hoover, Social Studies- Grades 6-8	\$ 2,600	This grant is to provide the funding for a World Cultures Week, a school-wide celebration of multiculturalism. The grant would fund planned activities as well as guest speakers and performers. Small group workshops will take place throughout the week and the culmination would be an all-school presentation by a musical, theatrical or dance group representing a world culture or variety of world cultures. (possible reduction to \$1500) Camera attached to a teaching microscope allows the students to more accurately view cell structures as a “teacher slide” through a television. This complies with the Mass State Science and
Science	7	Dover/Sherborn	Microscope Camera – Jaime Brown – Grade 7	\$ 3,000	Technology/Engineering Curriculum Framework. The cost covers 2 cameras (\$1295 each), computer software (\$89) and shipping fees.

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Science	6-12	Dover/Sherborn	Outdoor Leadership Training Program Lucil	\$ 1,485	<p>This grant would support two yearly backpacking tours to the White Mountain National Forest in New Hampshire. Initial participation is for 10 students per trip, with a goal of helping students gain insights into issues that surround human beings and their influence on the environment, while introducing them to backpacking and adventures in the great outdoors. Each trip will have an environmental focus: acid rain, species research, and other environmental issues. Mr. Lucil will work with science teachers to design scientific research as a component of each trip. The grant will also cover the tuition cost of the Appalachian Mountain Club's "Mountain Leadership School and Wilderness First Aid Course," through which Mr. Lucil will receive training in how to lead a group safely. Finally, the grant requests payment for a substitute teacher to cover Mr. Lucil's classes in his absence.</p>
Music	All	Dover/Sherborn	Recording Music at D-S Bridger	\$ 3,500	<p>Take a leap into the sublime, and envision a professional quality music recording studio at the HS. The goal is to train students as technicians through the Music Club and then use the new equipment to record all major musical events at the school, as well as students' own music for use in artistic portfolios, auditions, and college applications. Excerpts would be placed on the school and student websites. The grant also proposes to record a CD of popular music for each graduating class, thus allowing students to have a DS musical memento, perhaps placed in back of their yearbook, available for years to come. For \$500 less, Mr. Bridger can purchase the same microphone and recording system proposed, with somewhat inferior speakers, and use budget money to buy peripherals and cables. We explored possible tie-in with Mudge renovation of the Auditorium; however, not in current plans to help with this, although it might possibly be revisited in 2004.</p>

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Math/Science	6-12	Dover/Sherborn	Mathematica Teacher's Edition Software Lonergan	\$ 1,755	This software will be a great asset to the math and science departments for its ability to quickly present numerical data in a form that is similar to what students see in their textbooks. It enables teachers to present complex mathematical formulas in images that students can grasp. Presently the math department has no software applications that make good use of computers that reside in the classrooms. Purchasing nine copies of the Mathematica Teacher's Edition software would help to close this gap and enhance the visual presentation of mathematical concepts. The program be available to all teachers in both math and science. A reduced grant would provide 4 software packages rather than 9.
Math	6-12	Dover/Sherborn	SVGA Monitor for Geometer's Sketchpad Demonstrations Baroody	\$ 5,650	Geometer's Sketchpad software helps students picture visually-oriented topics in math. To use Sketchpad effectively in math classes, teachers need an SVGA Monitor. The monitor allows presentation of geometric sketches. Faculty would use these projections in at least 6-9 classes per week. The science department has also indicated that the SVGA Monitor would be a wonderful tool for projecting images from microscopes and pictures taken from a digital camera in science classes. This request is for the purchase of one Super VGA Monitor that can travel on its own cart, and cables. The price of these monitors has increased considerably since last year, when this request was first made.
Community	All	Dover/Sherborn	AAU/CAPAY Seminar Day, Diversity Breakfast Vizulis	\$ 2,000	The grant supports a speaker, publicity, and decorations for the annual Diversity Breakfast, which AAU has sponsored for the past 5 years. The breakfast is attended for a ticket fee by anyone living in the D-S community. Every other year, AAU sponsors Seminar Day, with a day of speakers and simulations on diversity. Grant covers costs of speakers and activities for seminar day and the breakfast. A grant of \$2,000 would cover fewer speakers/events for each event.

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Social Studies	All	Dover/Sherborn	China Exchange Vizulis for the Committee	\$ 2,700	The grant supports Phase II of the exchange program with a Chinese High School. DSEF supported Phase I last year, allowing teachers and Dr. Davis to travel to China to establish the relationship between schools. This phase funds another trip to China for one teacher and two students who will be trained as cultural liaisons. Grant covers application fee to the State for "exchange status," teacher travel expenses, and a portion of costs for Chinese language tutorials for the group. A grant of \$2,700 would cover grant without Chinese language study, or with a reduction in those tutorials.
English	9-12	Dover/Sherborn	English Enrichment Cannon for English Dept	\$ 2,000	The grant supports outside speakers and programs to enrich coursework in English. We have funded this in year past. Grades 9-12.
Social Studies	9-12	Dover/Sherborn	Social Studies Arts Enrichment Social Studies Dept	\$ 1,500	The grant supports outside speakers and programs to enhance and to add dimension to specific coursework in Social Studies. We have funded this in past. Grades 9-12.

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Technology/Commun	All	Dover/Sherborn	Web-based Learning community Baroody, Bridger, Grove	\$ 19,910	<p>This proposal would take first steps toward creation of an on-line learning community in the high school and middle school. Utilizing Microsoft FrontPage 2002, student and teachers will be taught how to develop and maintain personal, academically-oriented websites. The goal is for teachers to be able to post classroom information efficiently, including homework assignments, examples of exemplary student work, instructions, and interactive dialog. In addition, students will be taught how to post their class work on school-based sites and ultimately will develop online portfolios of work across academic disciplines. The goal is for each student to develop and maintain his or her own site. There is an expected timeline of 2-3 years to accomplish these goals. Currently, there are isolated efforts among staff and students to use web design for such purposes. This grant will seed-fund the creation of a standardized and user-friendly, up-to-date software, providing significant improvement over the current program (FirstClass). The grant also covers user training, and will ultimately impact all students and teachers in the Middle ar</p> <p>This is the regional grant to provide supplemental transportation for METCO students who participate in after-school activities and attend extra help sessions with faculty and METCO staff. Grant is for coverage 2-3 days per week or more. Currently cabs are often scheduled for pickup 2-3 times per day. Our commitment as a community to this program remains strong, and DSEF has always funded this in past.</p>
Community	All	Dover/Sherborn	METCO Supplemental Transportation D-S METCO	\$ 6,480	

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Professional Develop	All	Dover/Sherborn	Teacher Mentoring Grant – 2nd Yr Dr. Davis for System	\$ 8,000	This grant is for all three school systems. It is incremental to the funding of the first year mentoring program, which was provided by DSEF. Teachers feel that a second year will have an even greater impact on their ability to teach well. The school system has applied for federal funding for this program, but it remains uncertain what level of funding they will receive. DSEF funds will be for outside consultants/professional fees and teacher mentor stipends of \$1500 each. Breakdown is \$2,000 per school.
Athletics	All	Dover/Sherborn	Field Irrigation for Stadium Field-Dr. Davis for Dover Sherborn Athletics	\$ 30,000	This grant is asking for an automatic irrigation system to be installed at the stadium field. Boosters is hoping to have the stadium lights installed in the summer of 2002 and this, in conjunction with an irrigated field, should make for a much improved facility.
Science	5	Dover/Sherborn	Science Tools	\$ 4,229	This grant, written by the fifth grade teachers, is requesting 12 microscopes with a projection system and five balance scales. These tools would be employed in the fifth grade's Pond Life unit. They would be divided among the classrooms.
Technology	All	Dover/Sherborn	The Inclusive Classroom:	\$ 30,994	This grant proposes a wireless lab, a "Mimeo" whiteboard system for each grade, and assistive technology software. The laptops would be used in small groups for Internet research as well as word processing.
Literature	3-5	Dover/Sherborn	Biography Collection	\$ 5,000	This grant would begin to rebuild the biography collection. Currently grades 3-5 do reporting requiring biographical information and the current library collection is inadequate. Approximately 250 books would be ordered.

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Science	Elementary	Dover/Sherborn	A Closer Look	\$ 3,145	<p>This grant would entail the purchase of ten mid-range quality stereomicroscopes manufactured specifically for elementary age students. Currently there is a single stereomicroscope (purchased by DSEF) being used in the fourth grade. The principal advantage of the stereomicroscope over a standard microscope is that the two optical pieces and a greater distance between the stage and the magnifier allow students to examine much larger objects. Consultation with local scientist and parent Barbara Brennessel pointed us in the direction of these particular scopes as they will stand up to repeated use for years to come.</p> <p>Each Kindergarten class would be equipped with a state of the art listening center. These will be used to reinforce phonics skills and develop listening and beginning reading skills independently.</p>
Reading	K	Dover/Sherborn	Listen Up	\$ 2,802	<p>Listening centers would be available in 13 areas, equipped with CD/Audio Tape Recorders. Reading skills and comprehension in all subject areas will be reinforced. Students will have access to the same resources in the school regardless of reading ability.</p>
Reading	Elementary	Dover/Sherborn	Audio\Listening Recording Centers	\$ 3,900	<p>The AirWatch Weather Station is an external rooftop sensor suite capable of measuring wind speed, wind direction, temperature, relative humidity, light intensity, and precipitation. The data from the sensor suite is processed in a master control, displayed on a large digital display, and can be analyzed and graphed using AWS software. We want to empower the 5th grade students to move beyond simply learning about meteorology and to become meteorologists.</p>
Science	5	Dover/Sherborn	Weathering The Day	\$ 2,150	

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Science	All	Dover/Sherborn	Step Outside	\$ 6,000	The purpose of this proposal is to engage all students in activities that will promote awareness and understanding of nature, while at the same time instilling a sense of respect and pleasure that is offered by our natural environment. We look forward to the implementation of our new program Step Outside that consists of three components. Clare Walker Leslie would be established as "naturalist in residence". Native trees and shrubs will be planted in a designated section of the new school grounds. A butterfly garden will be installed and maintained.
Music/Phys Ed.	All	Dover/Sherborn	Sound System for School Programs	\$ 900	Music is used in conjunction with the physical education curriculum as well as numerous physical education programs for parents, faculty, staff, administration and community. This equipment will allow the arranging of music so that programs and classes can run smoothly with minimal interruption to change music. Current equipment is out of date, has poor sound quality, and does not allow for the easy creation of a mixed CD or tape. Classroom teachers would be encouraged to use this equipment if they needed to put together a CD or tape for classroom purposes with a lesson or assembly.
Social Studies	4	Dover/Sherborn	National Parks Curriculum	\$ 2,860	Ken Wadness will develop this social studies curriculum pilot program to educate students about the national parks. This curriculum is strong in geography and will require students to research, write, and report about a national park. The fourth grade at the Pine Hill School will share this curriculum.

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Social Studies	3	Dover/Sherborn	Integrated China Studies	\$ 1,720	Sue Beavers and Lois Libenson will be creating a China Studies Program for Dover elementary students. The purpose of this program is to help students challenge their stereotypes and widen their global perspective. Trade books, handicrafts, calligraphy and other materials will be included in kits to be used in the classroom. These kits will be constructed during a summer workshop at Primary Source in Watertown. The third grade will pilot the program for the 2001-2002 school year. Materials will be available to other grades with a long-range goal to develop a complete 1-5 program.
All	2	Dover/Sherborn	Engineering Connections	\$ 3,649	The K'NEX Classroom Super Set will build basic concepts in math, science, technology, engineering and language arts. This is a hands on activity to stimulate creativity and problem solving. The second grade teachers believe our current curriculum does not meet the new science frameworks in this area.
Technology/Literature	Middle	Dover/Sherborn	Middle School Library Computers	\$ 9,000	These funds will purchase 8 student workstations and 1 administrative workstation. The Library is the core on the school. Both the administration and the Technology advisor recommend this grant as the highest priority. POSITIVE will continue to support this grant also when funds become available.

Sample Programs

Category	Grade	Town	Program Name	Dollar Request	Description
English	Middle	Dover/Sherborn	Wireless Portable Computer Lab	\$ 40,000	<p>The English Department is requesting an additional wireless/portable writing lab of 23 computers to enable students to have more time to use the equipment. The success of last year's pilot program surpassed all expectations and the desire of all teachers and students to use this equipment more often has led to this year's request. The English Department is eager to assist other departments in the use of this equipment. All students in the school will be affected by this grant. This grant was determined to be a priority in funding by the Middle School Access committee since it would greatly expand an existing program that is gaining a tremendous benefit from the technology. In addition, the technology would be shared with other departments that could benefit from such wireless labs in the future.</p>
Technology/Art	Middle	Dover/Sherborn	Exploring Computer Art Tools for Integrating	\$ 4,000	<p>The primary goal of this proposal is to provide students with knowledge and hands on experience of how technology can be used to create and enhance artwork. An art room website will be created.</p>
Technology	Middle	Dover/Sherborn	Technology	\$ 6,000	<p>This grant proposal seeks to fully equip the two existing PC labs.</p>
English/Science	Middle	Dover/Sherborn	Wireless Portable Writing Lab	\$ 40,000	<p>A Request for a portable writing lab to serve up to 20 students. Lab will foster the development of writing skills as described by the English Department and enable the lab to be used for research in the Science department. The portable lab can be easily moved to another building and requires minimum electrical resources.</p>
Social Studies	Middle	Dover/Sherborn	Social Studies Enrichment	\$ 2,000	<p>Outside speakers and programs will bring a real life dimension to our curriculum. The goal will be to maximize the greatest amount of student participation as educationally possible.</p>

Sample Programs

Category	Grade	Town	Program Name	Dollar Request	Description
English	All	Dover/Sherborn	English Enrichment	\$ 2,000	The English Department uses this grant to fund speakers, actors' workshops, poetry readings, dramatic presentations, etc. for specific classes and /or the entire school. This grant benefits all students and enriches the classroom experience. Diversity enrichment for the entire student body. Funding for activities for the Alliance for Acceptance and Understanding and the Coalition for the Asian Pacific American Youth.
Community	All	Dover/Sherborn	AAU&CAPAY Enrichment Funds	\$ 1,500	Programs will include issues of diversity, intolerance, Asian-American issues and culture.
Science	High	Dover/Sherborn	Teaching Modern Science	\$ 15,000	This grant would provide a set-up consisting of 6 computers and 6 PASCO interfaces with probes that would enhance the level of every science discipline. The computers and PASCO interfaces would be housed in a central area that is accessible to all the science teachers. Every student would make use of this technology during his or her studies at the High School. This request is to purchase the remaining Dell workstations (remaining from the Advanced Technology Lab Grant funded in 2000). The English, Math, Music, Art Departments, Year Book staff and the growing Virtual High School Program use the lab.
Technology/All	Hgh	Dover/Sherborn	Advanced Technology Lab Completion	\$ 7,200	
Art/Science/Math	High	Dover/Sherborn	Digital Camera for Astrophotography and General Use \$950	\$ 950	This grant requests the purchase of a new digital camera that would be used for night photography, astronomy classes, physics classes and the development of student web pages. The METCO program has spent the entire amount funded by DSEF last year for supplemental transportation as of March 8, 2000. The additional amount being requested this year reflects the projected amount to cover the whole school year in 2001-2002. The METCO administrators are looking into hiring vans to carry more kids and purchasing MBTA passes for next year.
Community	High	Dover/Sherborn	Supplemental Transportation METCO	\$ 6,480	

Sample Programs

Category	Grade	Town	Program Name	Dollar Request	Description
Professional Develop	K-12	Dover/Sherborn	Teacher Leader-Mentor Training	\$ 3,000	Grant applies to K-12 teachers, as consultant would work with representatives from all grades. Plans to continue implementation of established mentor program using consultant Kathy Dunne to assist in curricular and instructional alignment within standards-based reforms, cognitive coaching, and collaborative mentoring. Administration supports request.
Music	High	Dover/Sherborn	Sheet Music for a String Ensemble Music Program	\$ 500	Seed money to fund the purchase of sheet music to start up a string program for interested students.