

Cabot Elementary School Outdoor Classroom



CPA Presentation
November 24, 2003

Presenters

- *Marilynne Smith Quarcoo, Principal*
- *Margaret Hannah, former Cabot parent*
- *Michael McSally, Newtonville resident, Cabot parent, and project manager*
- *Other supporters of the Cabot School Community and Newtonville residents*

Overview

- Develop an outdoor classroom and passive recreational area
- Engage students, teachers, and area residents in a collaborative project



Overview

- *Develop an outdoor classroom for the purpose of teaching and observing science in a natural environment.*
- *Provide a natural habitat for wild flora and fauna.*

QuickTime™ and a decompressor are needed to see this picture.

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Overview

- *Enhance the neighborhood by providing a pocket park for passive recreation and enjoyment of nature*
- *Provide neighbors easier access to Cabot Park*
- *Include all students in the engineering design process*

QuickTime™ and a decompressor are needed to see this picture.



Community

Community Involvement

- Area currently appears as a blight
 - occasionally inviting vandals
- Well thought-out long range plan with neighborhood support ensures well maintained area
 - less susceptible to vandalism



Community

Passive Recreation for the Community

- Nearby senior residents
- Cabot Park is a sports field - limited quiet recreational areas
- Path from Bridges Avenue to Cabot Park
- Improved view of the rear of the school



Community

Education and Nature Study

- Strengthens school's innovative science, technology, and engineering curriculum
 - meaningful applications of learning
- Process of "learning by designing" results in multiuse, multidisciplinary outdoor learning environment
 - brings together different grades, disciplines, teachers, parents, students, and local residents

Timeline

- September - October
- November - January
- November - December
- December - February
- March - April
- May - August
- September - December

Students/Faculty Collect Data

Students/Faculty Observations

Community Engagement

Design Process

Site Plan Developed/Reviewed

Construction Phase

Completion/Evaluation



Budget

Projected Cabot Outdoor Classroom Budget

Site Preparation/ Demolition/ Excavation and Removal	\$7,500
Rough landscape, materials, labor (stone, loam, concrete etc.)	\$6,000
Finish landscape, labor, & materials (brick, granite, timbers etc.)	\$15,000
Seating, benches, birdbaths, shed. Pergola etc. (labor & materials)	\$13,000
Plantings labor and materials (Trees, shrubs, flowers, seed)	\$12,000
Design, Plans	\$4,500
Construction management/ Project management (15% of project cost)	\$8,700
<u>Subtotal</u>	\$66,700
Contingency @ 20%	\$13,340
Total	\$80,040

Budget: Matches

Total Budget:	\$80,040
- In kind Support	\$28,700
- PTO funds	\$10,230
- Disney Award	\$2,500
- Cabot School funds	\$1,000

Balance Sought:

<u>47%</u>	<u>\$37,610</u>
<u>53%</u>	<u>Match</u>



Community Support

- ✓ excitement and support for the project within the community
- ✓ letters of support attached to the grant proposal
- ✓ support from teachers and the principal
- ✓ Cabot PTO contribution of \$10,230
- ✓ parents in-kind support approximately \$30,000
- ✓ Newton Schools Foundation - grant of \$6,800 for teacher development
- ✓ audience members here tonight













