# Cabot Elementary School Outdoor Classroom





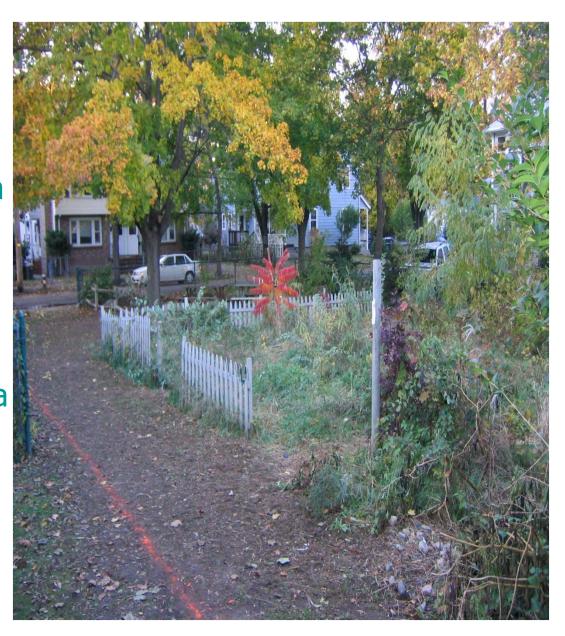
CPA Presentation November 24, 2003

### **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

QuickTime™ and a decompressor are needed to see this picture

- 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.

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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 BridgesAvenue 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 Students/Faculty Collect Data

November - January
Students/Faculty Observations

November - December <u>Community Engagement</u>

December - February
<u>Design Process</u>

March - April Site Plan Developed/Reviewed

May - August Construction Phase

September - December Completion/Evaluation

# Budget

#### **Projected Cabot Outdoor Classroom Budget**

Site Preparation/ Demoli	ition/ Excavation and Removal	\$7,500		
Rough landscape, mater	ials, 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) \$				
Plantings labor and materials (Trees, shrubs, flowers, seed) \$12,000				
Design, Plans		\$4,500		
Construction management/ Project management (15% of project cost) \$8,700				
Subtotal		\$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:**

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













