

# Green Profile: Beechwood (K-5)

On the grassy slope in front of **Beechwood (pre K-5)** stand three young pin oak trees and two varieties of ornamental grasses.

**Pin oaks** are known for producing acorn nuts that mature in the fall. They also have a distinctive leaf, identifiable by its large U-shaped spread.

## Number of plants planted:

**3** Trees

**35** Perennials



## About the Green Profile

Funded by The Grable Foundation, the Western Pennsylvania Conservancy's School Grounds Greening Project brings children closer to nature by enhancing the grounds of Pittsburgh Public Schools with greenery and outdoor green spaces.

The *Green Profile* is a fact sheet that highlights the projects WPC has completed at each of the Pittsburgh Public Schools.



## The Benefits of Greening



### Maintenance Benefits

Ornamental grasses are fast-growing and easy to maintain. If cut back to 6"-12" in late fall or early spring, the grasses will grow back full and hardy each year.

### Beautification

The pin oak trees planted at Beechwood turn a lovely bronze-red color in the fall. The porcupine grass and switch grass add a bright splash of green along the front cement wall.



### Environmental Benefits

The 3 trees planted at Beechwood are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 2,607 gallons of storm water runoff

**Conserve** 153 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 717 pounds

**\$204 in annual benefits!**



Calculations provided by [www.treebenefits.org](http://www.treebenefits.org)