

# Green Profile: Miller (PreK-5)

Miller (PreK-8) features a variety of landscape-enhancing shrubs, young trees, and a raised-bed garden plot on its grounds.

Some of the plants planted at Miller include:

'George Peabody' arborvitae

Red Oak

'Forest Pansy' redbud tree

Number of plants planted:

8 Trees

70 Shrubs



## 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



### Educational Benefits

Raised garden beds are excellent learning tools and can provide an opportunity for hands-on lessons about growing plants from seed and healthy eating. In the raised bed on Miller's front lawn, students can plant flowers, perennials, or an assortment of fresh herbs and vegetables.

### Beautification

The trees planted around the school provide color and interest to the entire grounds. The pin oak tree turns a lovely bronze-red color in the fall. The eastern redbud tree announces spring with pink blossoms in April that become purple leaves in early-summer. The honey locust trees have strongly scented cream-colored flowers appearing in late spring which transform into bright yellow leaves during the fall.



### Environmental Benefits

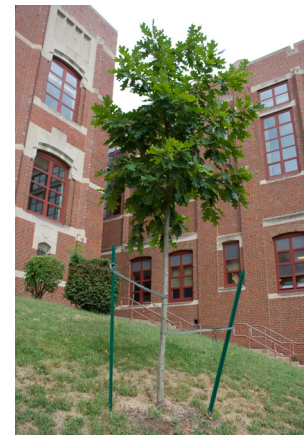
The 8 trees planted at Miller are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 5,555 gallons of storm water runoff

**Conserve** 248 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 1,098 pounds

**\$428 in annual benefits!**



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