

# Green Profile: Stevens (K-8)

Stevens (K-8) is home to a brightly colored butterfly garden and numerous species of young trees.

In the butterfly garden, some of the plant's names are as colorful as the plants themselves.

**Black-eyed Susans, purple coneflowers, and "Pocket full of Gold" hemerocallis** are just a few of the garden's flowering plants.

## Number of plants planted:

11 Trees

15 Shrubs

117 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



Before



After

## Educational Benefits

The school's butterfly garden attracts a wide variety of species including birds, butterflies, and bees. Teachers can utilize the garden to enrich their curriculum in numerous ways through hands-on science labs, self-directed reading time, or to teach lessons of any kind.

## Beautification

The shrubs and trees lining Stevens' entrance soften the building's stone façade. Come spring, when the day lilies, hummingbird clethera, and other flowering plants are in full bloom, deep golds and vivid purples brighten the landscape.



## Environmental Benefits

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

**Absorb** 7,048 gallons of storm water runoff

**Increase** the property value by \$258

**Conserve** 383 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 1,985 pounds

**\$669 in annual benefits!**



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