

# Green Profile: Whittier (K-5)

At **Whittier (K-5)**, a semi-circle of log benches forms a spacious outdoor classroom near the school's entrance. Numerous young trees line the previously bare side of the school as well as the main stairways.

Some of the trees planted include:

**Weeping Cherry**

**Flowering Dogwood**

**Tuliptree**

**Number of plants planted:**

**12 Trees**

**22 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

Whittier's outdoor classroom provides students with the opportunity to learn in an open-air setting. The shaded area is an ideal place for teachers to hold self-directed reading time or outdoor science labs, or to teach lessons of any kind.

### Beautification

Flowering rhododendron shrubs fill in multiple plant beds located at the front of the school. The beds of rhododendrons, topped with a healthy layer of mulch, add rich hues of browns, greens, and pinks around the school's curves and corners.



### Environmental Benefits

The 12 trees planted at Whittier are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 6,842 gallons of storm water runoff

**Conserve** 476 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 2,230pounds

**\$674 in annual benefits!**



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