

# Green Profile: Greenfield (K-8)

Upon entering the driveway of **Greenfield (K-8)**, visitors are greeted by a lush green space and outdoor classroom. The green space contains a variety of shrubs and perennials and is lined with healthy young trees.

Inside the gated green space sit two circles of log benches. These natural benches are handmade and created from local, sustainably sourced wood.

## Number of plants planted:

- 14 Trees
- 56 Shrubs
- 22 Perennials
- 20 Ornamental grasses



## 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

Greenfield's outdoor classroom provides students with the opportunity to learn in a beautiful, open-air setting. Comprised of wooden benches encircled by flowering rhododendron, spice bush, and other colorful plants, the space is ideal for teachers to hold self-directed reading time or outdoor science labs, or to teach lessons of any kind.

### Beautification

The 10 'Sunny Valley' red maple trees planted in front of Greenfield add a touch of nature between the school's sidewalk and parking lot. In the fall, the trees brighten the school grounds immensely, turning an intense, fiery red.



### Environmental Benefits

The 14 trees planted at Greenfield are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 11,128 gallons of storm water runoff

**Conserve** 550 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 2,594 pounds

**\$864 in annual benefits!**



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