

# Green Profile: Carmalt (PreK-8)

**Carmalt PreK - 8** features a beautiful natural play space. Some of the highlights of the play space include a color garden with color-themed planting beds, a rainbow forest with painted wood poles for invented games and pretend play, and a small 'forest' area with 8 trees.



## Number of plants planted:

8 Trees

34 Shrubs

106 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



### Educational Benefits

Natural play spaces provide safe and engaging landscapes that inspire imaginative play. Manufactured play sets are often made of hard metals and plastics that can become uncomfortable on very hot or cold days. Their fixed, rigid structures also limit children's creativity. Carmalt's low-to-the-ground boulders, soft grasses, and colorful shrubs form a space where students can explore the wonders of nature and move about freely.

### Beautification

21 different species of trees, shrubs, perennials, and grasses grace the grounds of Carmalt. This diverse range of plants creates a palette of vivid colors, shapes, textures, and fragrances. Fragrant sumac, for instance, has coarsely toothed bluish-green leaves and a pleasant aroma. Lamb's Ears has very fuzzy, silvery gray-green leaves and feels soft to the touch.



### Environmental Benefits

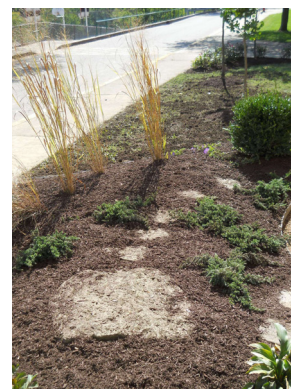
The eight new trees planted at Carmalt are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 564 gallons of storm water runoff

**Conserve** 88 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 324 pounds

**\$429 in annual benefits!**



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