

Green Profile: Langley (K-8)

Langley K-8's entrance showcases a neat row of flowering rhododendrons and an assortment of young trees and perennials.

Another row of rhododendrons graces the school's spacious courtyard next to the cafeteria, and daylilies and black-eyed Susans encircle tree pits near the parking lot.

Number of plants planted:

8 Trees

76 Shrubs

50 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

As with all other School Grounds Greening projects at Pittsburgh Public Schools, only perennials were planted at Langley. While annuals have to be replaced each year, perennials last for years and come back season after season. Students can observe changes in perennials' life cycles from autumn to summer.

Beautification

40 rhododendron bushes add a vibrant touch to the school's main facade. Ascending the staircase to the main entrance, visitors, teachers, and students alike can enjoy the bright green hosta and blooming perennials.



Environmental Benefits

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

Absorb 6,370 gallons of storm water runoff

Conserve 362 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,740 pounds

\$558 in annual benefits!



Calculations provided by www.treebenefits.org