

Green Profile: Westinghouse High School

Westinghouse High School features a wide range of flowering shrubs and trees including weeping cherry trees, rose bushes, and hydrangea.

Three varieties of rose bushes featuring three different colored flowers were planted at Westinghouse: *'Whiteout'*, *'Pink Knock Out'*, and *'Radrazz'* (a dark pink).

Hydrangea flowers bloom in different colors, depending on the acidity level of the soil.

Number of plants planted:

18 Trees

72 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



Maintenance Benefits

Custodians often have to mow grass on steep, dangerous slopes in order to keep them looking neat. Planting naturally beautiful shrubs along slopes, such as the forsythia planted at Westinghouse, is a safer way to keep school landscapes looking healthy and green.

Beautification

Three different species of trees, American hornbeam, 'Accolade' elm, and littleleaf linden, adorn the perimeter of the parking lot. As they grow, the trees will shade and cool the pavement, adding a touch of beauty as well as functionality.



Environmental Benefits

The 18 trees planted at Westinghouse are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 11,269 gallons of storm water runoff

Conserve 587 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 3,197 pounds

\$921 in annual benefits!



Calculations provided by www.treebenefits.org