

Green Profile: Brookline (K-8)

A red maple tree graces either side of the entrance at **Brookline (K-8)**. The school grounds also features a variety of flowering and evergreen shrubs.

Number of plants planted:

7 Trees

42 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



Functionality

'George Peabody' arborvitae and Bailey dogwood shrubs surround Brookline's fenced-in utility lines. The flowering dogwoods and bright green arborvitae act as a screen for the school's utilities, providing both function and beauty.

Beautification

'Spring Galaxy' forsythia shrubs cover the expanse of the hillside next to the school's playground. In the springtime, forsythia shrubs produce vivid yellow flowers that look like tiny bells. The Bailey dogwood shrubs have branches that are a bold red and in the spring the shrubs produce small, snowy-white blossoms.



Environmental Benefits

The 7 trees planted at Brookline are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 5,294 gallons of storm water runoff

Conserve 214 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 965 pounds

\$324 in annual benefits!



*Calculations provided by
www.treebenefits.org*