

Green Profile: South Brook (6-8)

South Brook (6-8) is surrounded by fresh new greenery. Rhododendron shrubs grace the entryway and boxwood shrubs border the school's airy outdoor classroom. Different species of young trees adorn both the sloped and flat grassy areas of the school grounds.

Number of plants planted:

14 Trees

50 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



Educational Benefits

South Brook's outdoor classroom provides students with the opportunity to learn in a spacious, open-air setting. Comprised of natural stone benches encircled by 'Winter Gem' boxwood shrubs, the space is ideal for teachers to hold self-directed reading time or outdoor science labs, or to teach lessons of any kind.

Beautification

Pink and white flowering rhododendron shrubs add a splash of color to the school's entrance. On the hillside adjacent the parking lot stand four 'Magnifica' hackberry trees. As their name suggests, these trees have 'magnificent' green foliage in the summertime, changing to an equally vivid yellow in the fall.



Environmental Benefits

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

Absorb 9,513 gallons of storm water runoff

Conserve 608 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 2,828 pounds

\$840 in annual benefits!



Calculations provided by www.treebenefits.org