

Green Profile: Schiller Classical Academy (6-8)

Perhaps the most stand-out feature of **Schiller Classical Academy (6-8)** is the greenery located on either side the school's front doors. Surrounded by pavement, this green 'oasis' creates a vibrant, welcoming environment for school attendees and visitors alike.

Number of plants planted:

8 Trees

48 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

Schiller's entryway green space serves as an excellent learning tool for students. The green spaces, containing trees, and shrubs, have replaced a segment of pavement and will provide significant environmental benefits. The green space's 'Pyramidal' hornbeam trees will help to cool the building and pavement on hot days. The trees and shrubs will also absorb a significant amount of storm water runoff, preventing the water from ending up (polluted and untreated) in our rivers and streams.

Beautification

The amur maple trees, planted at the side of Schiller, add color and interest to the school's landscape throughout the seasons. In the fall, the trees' foliage turns a vivid scarlet-red. In the spring, the trees produce fragrant white flowers and seeds with red, textured wings.



Environmental Benefits

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

Absorb 5,348 gallons of storm water runoff

Conserve 288 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,560 pounds

\$440 in annual benefits!



Calculations provided by www.treebenefits.org