

Green Profile: Schaeffer Primary (K-3)

Schaeffer Primary (K-3) is home to an outdoor classroom, tiered landscaping, and numerous young trees and shrubs.

Some of the school's new plants

Weeping cherry trees

Eastern redbud trees

Forsythia shrubs

Number of plants planted:

8 Trees

26 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

Schaeffer's outdoor classroom provides students with the opportunity to learn in a beautiful, open-air setting. The natural stone benches and surrounding greenery form a serene, attractive space. This shaded area is ideal for teachers to hold self-directed reading time or outdoor science labs, or to teach lessons of any kind.

Beautification

The 'Heritage' river birch planted beside Schaeffer's outdoor classroom has a cinnamon-colored, 'papery' bark that peels away, exposing layers of different hues. The eastern redbuds are ornamental trees with leaves that turn a scarlet or maroon color as they mature.



Environmental Benefits

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

Absorb 4,487 gallons of storm water runoff

Conserve 315 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,548 pounds

\$423 in annual benefits!



Calculations provided by www.treebenefits.org