

Green Profile: Murray (PreK-8)

One of the most prominent 'green' features at **Murray (PreK-8)**, is the long line of eastern redbud trees planted along the school's front sidewalk.

Here are some fun facts about Murray's other young trees:

The **tuliptree** grows interestingly shaped leaves that turn golden yellow in autumn.

The **honeylocust** has unique fern-like leaves and produces a fragrant cream-colored flower in the spring.

Number of plants planted:

14 Trees

19 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

The red osier dogwood and forsythia shrubs attract a variety of species including birds, butterflies, and insects. Teachers can utilize these shrubs to teach hands-on science and environmental lessons to their classes.

Beautification

In the spring, Murray's forsythia bushes add a vibrant splash of yellow around the school's blacktop. A tuliptree and two 'Skyline' honeylocusts beautify the side staircase and in a few years will provide cooling shade.



Environmental Benefits

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

Absorb 6,663 gallons of storm water runoff

Conserve 487 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 2,748 pounds

\$655 in annual benefits!



Calculations provided by www.treebenefits.org