

Green Profile: Gifted Center

13 different species of trees line the hillside and grassy patches in front of the **Gifted Center**, including a zelkova, littleleaf linden, and cucumber magnolia.

Here are some fun facts about Gifted Center's young trees:

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

The **hemlock** is Pennsylvania's official state tree.

Number of plants planted:

13 Trees

20 Perennials (Hostas, Daylilies)



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

No two trees are alike at the Gifted Center. Of the 13 new trees planted, each one differs in size, bark texture, leaf shape, and branch structure. The assortment of trees provides students with a first-hand lesson on biodiversity, or the variation of species within an ecosystem.

Biodiversity helps to reduce the risk of blight or disease that can threaten an entire species of trees.

Beautification

Perennial daylilies and hosta plants grace the three tree pits in front of the school. Come late spring, both plants boast bold features; hosta are well-known for their large, striped leaves and daylilies bloom a deep gold color.

Help Keep Schools Green

Become a School Tender today and help to care for trees and plants. No experience necessary!

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Environmental Benefits

The 13 trees planted at Gifted Center are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 8,891 gallons of storm water runoff

Conserve 529 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 2,596 pounds

\$908 in annual benefits!



Calculations provided by www.treebenefits.org