

Green Profile: Spring Hill (K-5)

Flowering star magnolia and weeping cherry are two varieties of trees that enhance **Spring Hill's (K-5)** school yard with vibrant flowers.

Number of plants planted:

17 Trees

12 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

Students can learn plenty from Spring Hill's zelkova tree, planted inside the gated playground. The zelkova was planted in a new tree pit that replaced pavement and will absorb gallons of storm water runoff during rain showers. Once the zelkova grows a few feet, it will shade the metal play equipment and surrounding pavement, cooling off the surfaces on hot days.

Beautification

Some of Spring Hill's neighbors are delighted to see new juniper shrubs lining the playground's chain link fence. On planting day, one neighbor expressed that the new shrubs would deter people from littering on school grounds. Other neighbors appreciate a new 'green' view outside their back windows.

Environmental Benefits

The 17 trees planted at Spring Hill are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 8,423 gallons of storm water runoff

Conserve 533 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 3,005 pounds

\$727 in annual benefits!



Calculations provided by www.treebenefits.org