

Green Profile: Grandview (K-5)

Young eastern redbud and black gum trees grace the grassy slopes surrounding **Grandview (K-5)**. Around the back of the school, a row of redbuds extends the school's existing tree line.

Number of plants planted:

9 Trees

25 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



Maintenance Benefits

Custodians often have to mow grass on steep, dangerous slopes in order to keep them looking neat. Planting naturally beautiful shrubs along slopes, such as the forsythia planted behind Grandview, is a safer way to keep school landscapes looking healthy and green.

Beautification

In the spring, Grandview's 'Spring Galaxy' forsythia produce vibrant yellow blossoms that look like tiny bells. The school's numerous globe and eastern arborvitae shrubs remain a deep green year round, adding a splash of color to the school grounds through all four seasons.



Environmental Benefits

The 9 trees planted at Grandview are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 3,768 gallons of storm water runoff

Conserve 261 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,446 pounds

\$357 in annual benefits!



Calculations provided by www.treebenefits.org