

Green Profile: Arsenal (K-5) (6-8)

The **K – 5** courtyard at **Arsenal** features three ‘play’ planters which combine plants and toys such as a train set, building blocks, and a wooden house. The **6 – 8** courtyard features the replanted Memorial Garden, which serves as an homage to the school’s storied history.

Number of plants planted:
4 Trees
76 Perennials
2,000 Crocus Bulbs



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 ‘play’ planters allow the kindergarteners a chance to experience nature while they play. Also, the pair of trees planted next to the K – 5 courtyard are intended to help shade and cool the area where the kindergarteners play. The two tree pits installed next to the 6 – 8 entrance, in addition to beautifying the entrance, help collect storm water runoff, which would normally collect in the city’s sewer system.

Beautification

2,000 crocus bulbs were planted with the help of both primary and intermediate students. Crocus bulbs bloom in months of March and April and are one of the first signs of spring. These purple flowers provide a colorful display that can be enjoyed by anyone who passes by the school along Butler Avenue.



Environmental Benefits

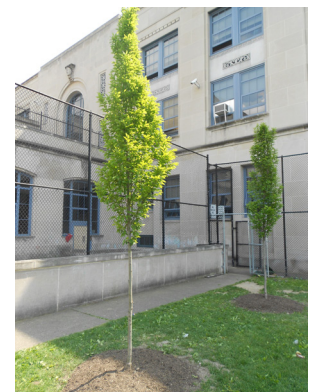
The four new trees planted at Arsenal are currently 2” in diameter. If they are well cared for and grow to 8”, they have the potential (per year) to:

Absorb 888 gallons of storm water runoff

Conserve 44 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 232 pounds

\$136 in annual benefits!



Calculations provided by www.treebenefits.org