

Green Profile: Minadeo (PreK-5)

Minadeo (Pre K-5) features a wide variety of colorful perennials and young trees around the perimeter of the school.

In front of the main entrance, a perennial bed hosts many vibrant flowers with unique names, including:

- 'Happy Returns' daylily
- 'Arizona Sun' blanket flower
- 'Blue Paradise' phlox

Number of plants planted:

- 32 Trees
- 212 Perennials



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

Of the 32 new trees planted at Minadeo there are 12 different species, each differing 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 (disease) which can threaten an entire species of trees.

Beautification

The school's perennial bed is a quaint, shaded space full of diverse flowering plants. 'Sienna Sunset' coreopsis produce orange blossoms overlaid with burnt sienna that fade to a light salmon color as they age. 'Big Blue' lilyturf produce violet-blue flowers that contrast well with the other oranges and yellows in the garden.



Environmental Benefits

The 32 trees planted at Minadeo are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 18,422 gallons of storm water runoff

Conserve 1,211 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 6,534 pounds

\$1,752 in annual benefits!



Calculations provided by www.treebenefits.org