

Green Profile: Montessori (K-8)

Montessori K-8 features 20 new trees planted around the property and an outdoor classroom space made up of locally sourced, handmade log benches.

Number of plants

planted:

20 Trees

18 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

Many of the trees that were planted were intended to attract birds and butterflies which can be observed and studied by the students. The outdoor classroom provides students with the opportunity to learn in a beautiful, open-air setting.

Beautification

Many of the trees planted around the property are 'legacy' trees, or trees that will replace the older, mature trees when the time comes for them to be removed. This will help the school maintain its signature look that the community has come to know through the years.



Environmental Benefits

The 20 new trees planted at Montessori are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

Absorb 4,000 gallons of storm water runoff

Conserve 360 kilowatt hours of electricity by cooling the building

Reduce atmospheric carbon by 1,520 pounds

\$1,600 in annual benefits!



Calculations provided by www.treebenefits.org