

# Green Profile: Carrick High School

Carrick High School features a wide array of young *elm*, *spruce*, and *eastern redbud* trees and an assortment of hearty shrubs.

In March 2011, culinary arts teacher Diane Rutten and her students started a food garden behind the culinary arts kitchen. In the garden's seven raised beds they will be growing onions, radishes, spinach, oregano and other tasty produce.

## Number of plants planted:

14 Trees

47 Shrubs

Numerous vegetables and herbs



## 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

As herbs and vegetables begin to grow, Carrick's food garden will enhance the culinary arts curriculum. Students will be able to use the fresh produce in the classroom and will find creative ways to incorporate their crops into healthy recipes.

### Beautification

The 'Emerald Green' arborvitae planted along the gymnasium add a splash of vibrant green to the tan brick wall. These shrubs, along with the holly shrubs and blue spruce trees located near the school's entrance, are **evergreens**. Since evergreens keep their leaves year round, these plants will enhance the school's landscape through all four seasons.



### Environmental Benefits

The 14 trees planted at Carrick are currently 2" in diameter. If they are well cared for and grow to 8", they have the potential (per year) to:

**Absorb** 9,147 gallons of storm water runoff

**Conserve** 556 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 2,498 pounds

**\$1813 in annual benefits!**



Calculations provided by [www.treebenefits.org](http://www.treebenefits.org)