

# Green Profile: South Hills (6-8)

**South Hills (6-8)** features four different species of trees planted along its parking lot, baseball field, and back patio.

The four species of trees planted include:

- 'Skyline' honeylocust
- Canadian hemlock
- 'Fastigiata' hornbeam
- Hackberry

**Number of plants planted:**  
**20 Trees**



## 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 hornbeam and hackberry trees planted within South Hills' back patio serve as an excellent learning tool for students. The trees, planted in pits, will help to shade and cool the brick pavement on hot days. The trees will also absorb a significant amount of storm water runoff, preventing the water from ending up (polluted and untreated) in our rivers and streams.

### Beautification

The 'Skyline' honeylocust trees planted in front of the school add shade and color to the parking lot. The honeylocusts have a pleasant, pyramidal shape and their foliage is made up of tiny leaflets that turn golden yellow in the fall.



### Environmental Benefits

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

**Absorb** 15,515 gallons of storm water runoff

**Conserve** 1,181 kilowatt hours of electricity by cooling the building

**Reduce** atmospheric carbon by 5,199 pounds

**\$1,689 in annual benefits!**



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