



## West Chester Area School District

West Chester, PA

### New Construction/ Addition

Entire school/campus building

#### Spiezle Architectural Group, Inc.

120 Sanhican Drive  
Trenton, NJ 08618  
www.spiezle.com  
Scott E. Downie  
609/695-7400

#### DESIGN TEAM

Spiezle Architectural Group, Inc.,  
Architecture

#### OWNER/CLIENT

West Chester Area School District  
West Chester, PA  
Mark Groves, Capital Program  
Manager  
484/266-1260

#### KEY STATS

Grades Served: K-5  
Capacity: Approx. 560 students  
Size of Site: 16 acres  
Building Area: 64,350 sq. ft.  
Space per Student: 115 sq. ft.  
Cost per Student: \$17,857  
Square Foot Cost: \$155  
Construction Cost: \$9,475,300  
Project Cost: \$12,196,110  
Completion Date: April 2014  
Sustainability Rating System/Applied/  
Status/Level: LEED Silver Equivalent

PHOTOGRAPHY: DON PEARSE PHOTOGRAPHERS



The Penn Wood Elementary School project was a community-embraced initiative to renovate and expand a local architectural gem. The design utilizes the unique heavy timber architectural construction of the building to create efficient and effective learning and instructional support, as well as administrative support spaces integrated into an existing natural woodland site.

Construction included renovation and new construction of classrooms, reading rooms, music rooms, instructional support spaces, administrative offices and nurse's suite.

Classrooms were reconfigured to increase usable areas while providing all required resource rooms, small group spaces and specialized functions meeting the requirements for classrooms for grades 1-5, two kindergartens and one full-day kindergarten. Natural daylighting was optimized and emphasized in all instructional spaces along with creation of an enclosed outdoor courtyard used as an environmental learning

tool. Seven additional classrooms became ADA accessible through a new corridor ramping system on a very hilly site with a 17-foot elevation change. Secured vestibules were added to increase school security.

Energy-efficient HVAC, lighting and electrical upgrades were installed throughout the building along with roofing replacement to preserve the original architectural elements of the building. The design includes new and affordable ways to use typical building materials while increasing the efficiency and performance of the building envelope.

