



# Edgewood Elementary School

Charleston, WV

## New Construction/ Addition

Entire school/campus building

**ZMM Architects & Engineers**  
222 Lee Street, W.  
Charleston, WV 25302  
www.zmm.com  
Adam Krason  
304/342-0159

### DESIGN TEAM

**G&G Builders, General Contractor**  
Tomko, Plumbing  
Dougherty Co., Mechanical  
Enerfab, Electric  
C&T Design, Kitchen Design

### OWNER/CLIENT

**Kanawha County Schools**  
Charleston, WV  
Dr. Ron Duerring, Superintendent  
304/378-7732

### KEY STATS

Grades Served: Pre-K-5  
Capacity: 435 students  
Size of Site: 6 acres  
Building Area: 56,177 sq. ft.  
Space per Student: 129 sq. ft.  
Cost per Student: \$28,700  
Square Foot Cost: \$222  
Construction Cost: \$12,500,000  
Project Cost: \$22,000,000  
Completion Date: August 2014

PHOTOGRAPHY: ZMM ARCHITECTS AND ENGINEERS



Edgewood Elementary School on Charleston's West Side has been designated as West Virginia's first "School of the Future." The new school, designed for 435 students, is challenging the traditional model of curriculum delivery. Each instructional area houses 60-75 students, and contains space for small group projects, hands-on exploration, a



distributed library/media center, space for art, science projects and a shared performance area, while providing three smaller classrooms for direct teacher-led instruction in math and reading. Four teachers work collaboratively in the space as both instructors and facilitators. Kanawha County Schools developed a unique model for these instructional areas.

The concept for each central instructional area (Exploratory) was to create a space that mimics the aesthetic and active engagement provided at a children's museum. Each instructional area will also have direct access to exterior instructional and recreational spaces. Edgewood was designed to function as an educational tool. Students learn about daylighting, captured rainwater, efficient building envelopes (insulation), domestic solar hot water, efficient HVAC systems and recycling. This information will be relayed to the students through the use of age-appropriate interactive signage and a dashboard system that monitors the building's energy use.

