

Entire School/Campus Building

NEW CONSTRUCTION

JACKSON BROWN KING ARCHITECTS, INC.

12921 Cantrell Road, Suite 201 Little Rock, AR 72223 www.jacksonbrownking.com Randall Palculict, AIA, LEED AP 501/664-8700

DESIGN TEAM

Crafton Tull Sparks & Associates, Landscape Architect

> Dayco Construction, **General Contractor**

Engineering Consultants, Structural Engineer

Innovative Solutions Group, Mechanical and Plumbing Engineer

Lucas, Merriott & Associates, **Electrical Engineer** Mehlburger Firm,

Civil Engineer

OWNER/CLIENT

Greenbrier Public Schools Greenbrier, AR

> Scott Spainhour, Superintendent 501/679-4808

KEY STATS

Grades Served: K-5 Capacity: 474 students Size of Site: 17.9 acres Building Area: 64,259 square feet Space per Student: 136 square feet Cost per Student: \$20.458 Square Foot Cost: \$151 Construction Cost: \$9.7 million Total Project Cost: \$11.2 million Contract Date: May 2007 Completed: Sept. 2008

PHOTOGRAPHY: KEN WEST PHOTOGRAPHY

Completion: 100%

Wooster Elementary School

Wooster, Arkansas

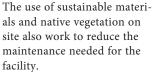




ooster Elementary, the first school in Arkansas to achieve a LEED for Schools Silver certification, was designed to educate in sustainability while lowering facility costs for the district. To achieve this, the traditional learning spaces were equipped with unique features such as an outdoor classroom and exposed building systems as well as cutting-edge technology to lower energy costs.

In pursuing LEED, the

design team used many strategies to help reduce the impact on the environment and operational cost. Each room has a carbon dioxide sensor to provide a healthy exchange of fresh air based on occupant need instead of square footage. The lighting system maintains consistent light levels on work surfaces by supplementing the natural daylight in the spaces. During peak sunlight, the amount of energy consumed by the fixtures is greatly reduced.



The students have passed on the green spirit of their school's design to the surrounding population by taking home what they learn about green building. Wooster Elementary is now the recycling center for the community and an education center for students and parents alike.



