

# JACKSON SCHOOL CAMDEN, SOUTH CAROLINA

## Sustainability Education for Students and the Community

*Size: 81,000 SF*  
*Budget: \$11,000,000*  
*Bid: \$9,822,300*  
*Completion: August 2010*



Kershaw County's new Jackson School provides state-of-the-art learning for up to 750 students. Through its conscious design objectives to promote energy efficiency, conserve water, and preserve the surrounding environment, Jackson School is the first K-12 school in South Carolina to be Leadership in Energy and Environmental Design (LEED®) Gold certified. The school district is hopeful that staff, students, and visitors will gain an improved understanding of the building's construction in relationship to the environment.

High performance design elements featured in the new facility include:

- stormwater infiltration and treatment technologies to protect local streams;
- preservation of over 71 percent of the site area as forest cover/open space;
- water savings of over 40 percent from dual-flush toilets, pint-flush urinals, and low-flow lavatories;
- ultra-low solar heat gain windows, highly-reflective roofing, increased insulation, and energy-efficient mechanical systems to reduce electric and gas bills by an estimated 24 percent beyond energy code;
- photovoltaic solar panels that offset the electricity used by site lighting, along with solar water heating for kitchen operations;
- integrated lighting controls coupled with Solatube skylights to further conserve energy and improve the quality of the learning environment;
- recycling 81 percent of waste during construction and selection of building materials with both recycled and regional content;
- wood doors and casework components certified by the Forest Stewardship Council (FSC) for sustainable harvesting practices; and
- improved indoor air quality through low-toxicity adhesives, sealants, paints, carpet, and composite wood products and furniture.

