

Pleasant Ridge Elementary

Project Specs: The first public school in the State of Ohio to seek LEED certification serves as a model to the entire Cincinnati Public School District on sustainable design.

CINCINNATI, OH The new Pleasant Ridge School is a new K-8 building for their Montessori program. To promote a green environment special energy saving components are included in the design and the building doubles as a learning tool for students. **BOTTOM** An underfloor HVAC system provides heating and cooling where the Montessori students mostly work, the floor. North and south facing windows also provide an optimal amount of natural daylight, minimizing the need for artificial light. To help students understand the environmental impact of their building, large windows from the corridor look into the mechanical room. The mechanical room also includes monitors that students can read to observe the energy use of their school.

The new Pleasant Ridge School is being constructed on the existing 7-acre site and boasts minimized pitches in the roof to blend with the existing urban neighborhood. **RIGHT** The roof will be light in color to reflect sunlight thus reducing heat absorption. Additional green space will also be incorporated providing ample space for outdoor activities while complying with the green building standards.

