

Remodel/Adaptive Reuse/ Restoration

Entire school/campus building

SHP Leading Design 4805 Montgomery Road, Suite 400 Cincinnati, OH 45212 www.shp.com Jeffrey Sackenheim 513/381-2112 **DESIGN TEAM** Jeffrey Sackenheim, AIA, LEED AP, Principal Jim Schriefer, AIA, LEED AP, Technical Lead Brian Hilvert, IIDA, LEED AP, Interior Design **Messer Construction**

OWNER/CLIENT

The Dayton Regional STEM School Kettering, OH Matt Grushon, Director of Operations 937/256-3777

KEY STATS

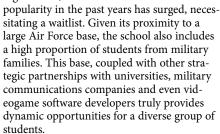
Grades Served: 6-12 Capacity: 625 students Size of Site: 4.87 acres Building Area: 62,000 sq. ft. Space per Student: 99 sq. ft. Cost per Student: \$6,400 Square Foot Cost: \$64 Construction Cost: \$4,000,000 Project Cost: \$4,400,000 Completion Date: August 2013

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The Dayton Regional STEM School

Kettering, OH

Nowhere is the trend of changing educational models clearer than the emergence of programs devoted to STEM education. But few STEM schools have the opportunity to overhaul a former big-box retailer into an open, energetic space that encourages interdisciplinary study and experimentation. As an elective school for grades 6-12 in the nine surrounding districts, DRSS's



For this adaptive reuse, completed in only seven months, the design team embraced the light structure and expansive column spacing to create multidisciplinary spaces that reflect the collaborative nature of the STEM curriculum. Pulling natural daylight deep into



the floor plate was a goal from the start, as was sharing this daylight through large expanses of transparent wall systems, which allow for visual connections between the varied spaces within. Large collaborative areas flow seamlessly into the 30-foot corridors, hosting everything from art exhibits to robotics experiments.



