

projects

Doris Earl Cottam Middle School at The Langley School McLean, Virginia

Size & Capacity:

28,000 SF

160 Students - Grades 6-8

Services:

Architecture

Interior Architecture

Construction Administration

Project Description:

Founded in 1942, The Langley School of McLean educates children from primary to middle school with an integrated, innovative curriculum of language arts, mathematics, science, social studies, world languages, fine arts, and physical education. Faced with a constrained 7.2 acre campus and a need to grow their facilities, the Langley School selected DCS Design to replace three aging middle school buildings with a single multi-story building. The new facility provides larger classrooms and more flexibility for administrators to deliver innovative and differentiated teaching tailored to each child.

The new Doris Earl Cottam Middle School is located on the east edge of the campus over the footprint of the existing middle school buildings. The 28,000 SF school is a three-story building with one level partially below-grade. The School is designed to fit tightly within the existing campus while relating to the future master plan in which the main entry will ultimately open to a campus quad. Architectural elements, predominantly wood formed red brick facade, cast stone, window lentils, and split-face CMU have been incorporated to unify the old and new. Newly introduced design elements include an all glass 2 story entry / atrium. A pediment is repeated throughout the space as well to house the stairwells/elevator, break up the buildings mass and create an entry statement on each floor. Designers also used mirrored canopies which extend from the front and rear entrances to break the rectilinear mass of the building and create tension and interest. The Langley Middle School incorporates "green" components and LEED-based design elements such as enhanced day lighting, high efficiency VRF System, energy efficient lighting, Recycled materials, and a partial green roof combined with a roof top learning center.

The school includes 4 science labs, technology/innovation lab, rooftop learning center, large commons and project teaming rooms in addition to 14 traditional classrooms and an administrative suite.

