



MIDDLE SCHOOL/INTERMEDIATE SCHOOL

Frederick County Middle School Winchester, VA



Frederick County Public Schools sought to replace an outdated middle school and provide a critical asset for an underserved community in the most remote, rural part of the county. But rather than simply repeat the latest prototype design, county leaders saw this as an opportunity to set a new standard for middle school education in Virginia and beyond. Doing this

would require a robust community engagement process to gain support and build consensus around a shared vision. What emerged was an aspirational student-centric vision that balanced the need for a practical, affordable, sustainable solution with current research on effective teaching and learning, adolescent brain science, nutrition, health and well-being.

The multistory design is organized into nine learning communities configured to promote interdisciplinary, collaborative, and self-guided learning. Built-in flexibility allows the facility to adapt to suit the varied needs of learners and support new methodologies as programs evolve. The Commons is a dramatic see-and-be-seen space where learning is on display and

students are encouraged to be both “plugged-in” and “hands-on” as they discover their passions and take an active role in their learning.

Unique features and educational graphics make every space a learning place and leverage the facility itself as a teaching tool. A variety of amenities, including a community meeting room, competition and recreational fields, a fitness loft, and an astronomy terrace, support public programs and extend the use of the facility as a 24/7 community asset. Carefully developed daylight harvesting strategies, on-site water treatment systems, durable finishes, and efficient building systems will ensure that the facility is easy and affordable to operate and maintain for many years to come.

New Construction/Addition

Entire school/campus building

Stantec Architecture

609 East Market Street
Charlottesville, VA 22902
www.stantec.com/education
Rob Winstead, AIA
434/295-8200

DESIGN TEAM

Civil Engineer: Greenway Engineering/Stantec
MEP Engineer: 2rw Consultants
Structural Engineer: Stantec
Cost Estimator: Downey + Scott

OWNER/CLIENT

Frederick County Public Schools
Winchester, VA
Dr. David Sovine
540/662-3888

KEY STATS

Grades Served: 6-8
Capacity: 900 students
Size of Site: 38 acres
Building Area: 185,000 gsf
Space per Student: 206 sq. ft.
Cost per Student: \$46,111
Square Foot Cost: \$224
Construction Cost: \$41,500,000
Completion Date: August 2016
Sustainability Rating Status: Net Zero Water

PHOTOGRAPHY: © 2016 TOM HOLDSWORTH PHOTOGRAPHY

