Hanover Hills Elementary School is a two-story building designed to accommodate 788 students in Pre-Kindergarten through Grade 5. The school is adjacent to Thomas Viaduct Middle School in Oxford Square, a Howard County "Green" neighborhood.

All classrooms are located on exterior walls with windows and are self-enclosed. Each grade level has its own distinct area.

Building highlights include:
• Outside classroom areas consisting of both an amphitheater and a gazebo.
• Special Education spaces on each floor integrated for convenience to all grade levels.
• A skylight that allows natural daylight to brighten the two-story, fully enclosed Media Center and the rooms surrounding it.
• A fine arts corridor on the second floor that includes both the art studios and music rooms.
• Electric lighting controlled by occupancy and responsive to daylight.

Green Learning Environment
• Natural daylight.
• Enhanced classroom acoustics.
• Improved indoor air quality.
• Thermal comfort.
• Opportunities to integrate green features into the school's curriculum.
• Reduction of negative impacts on human health and the environment through the conservation of energy, water and material.

Hanover Hills Elementary School is the latest example of HCPSS’ commitment to sustainability, as recognized in Policy 6080. The school system is working toward earning a U.S. Green Building Council LEED “Gold” designation for the HHES building.

HCPSS is one of only two school systems in the state to pursue all new school construction and full systemic renovations to be LEED “Certified” or better.