



Governor's School for Science, Math & Technology

2009-2010	MOUNTAIN VISTA Governor's School At-a-Glance
Mission	The mission of Mountain Vista Governor's School is to present a research-based, technology-enhanced, integrated program in Mathematics, Science, and the Humanities. The program will challenge students to reach their full potential as independent thinkers capable of assuming leadership roles in a constantly changing global society.
School Day	<ul style="list-style-type: none"> • 4.5 hour Governor's School daily instruction • 7:30 a.m.-11:00 a.m.- student on-site day • 7:15 a.m. – 2:45 p.m. teacher day • 1 day a week for Focused Learning Experiences (FLEX) e.g. laboratory, research, field experiences, guest speakers, etc.) • Web-communication systems to provide additional instructional time
Yearly Schedule	<ul style="list-style-type: none"> • 180-day minimum • Yearly academic calendar designed for best fit with divisions' calendars • Web-communication systems utilized when some students can not be present due to weather, holidays, or other circumstances
Number of Students and Grade Levels	<ul style="list-style-type: none"> • Middletown Site—66+ high school students • Warrenton Site—49+ high school students • 10th grade and 9th grade programs to be added in the future pending funding and space
Site Description	<ul style="list-style-type: none"> • Two sites at Lord Fairfax Community College (LFCC) <ul style="list-style-type: none"> ▪ Fauquier Campus to serve Culpeper, Fauquier, and Rappahannock ▪ Middletown Campus to serve Clarke, Frederick, Warren, and Winchester City • Sites connected by video conferencing for two-way interaction among teachers and students • Lecture and presentation rooms, including the compressed video distance learning classroom • Lab facilities to support project-based and technology-enhanced learning opportunities • LFCC Special Events Center/Barn to support joint collaborative group sessions
Curriculum Focus	<ul style="list-style-type: none"> • Science, Mathematics, Humanities, Research • Emphasis on interdisciplinary connections • Scholarly research with authentic application • Collaboration among faculty and students • Community partnerships • Technology integration into all aspects of learning • All Humanities and Research courses are required
Course Offerings	<ul style="list-style-type: none"> • Science: <ul style="list-style-type: none"> ▪ MVGS Physics I: Mechanics ▪ MVGS Physics II: Electricity and Magnetism ▪ MVGS Environmental Science • Mathematics: <ul style="list-style-type: none"> ▪ MVGS Precalculus/Math Analysis ▪ MVGS First Year Calculus ▪ MVGS Second Year Calculus with Topics in Multivariable ▪ MVGS Statistics • Humanities: <ul style="list-style-type: none"> ▪ MVGS Humanities I: The Power of Thought / English 11 ▪ MVGS Humanities II: Applying the Power of Persuasion to World Issues /Government • Research: <ul style="list-style-type: none"> ▪ MVGS Research I: Introduction to the Fundamentals of the Research Process ▪ MVGS Research Course II: Exploration of Cutting-Edge Science and Technology Fields (Applied Research)

This program provides the opportunity to earn approximately 30 hours of college credit each year through dual enrollment. Students also have the opportunity to choose to take Advanced Placement Examinations.



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Instructor Qualifications	<ul style="list-style-type: none"> • Content-area expertise • Advanced degrees • Gifted education training/endorsement opportunity to be provided through staff development
Instructors	<p>Middletown Site</p> <ul style="list-style-type: none"> • Benjamin Hess—Mathematics • Allen Burton—Physics/Research • Amanda Harrington—Humanities/Government <p>Warrenton Site</p> <ul style="list-style-type: none"> • Lindsay Hayes—Humanities/Government • Clelia LaMonica—Physics/Environmental Science • Angelyn Reinbold—Mathematics • Dr. Alice Felts--Research <p>Shared between sites</p> <ul style="list-style-type: none"> • John Dietrich—Research/Environmental Science • Harriett Kopp--Humanities/Government
Grading	<ul style="list-style-type: none"> • Letter grades submitted to base school's guidance offices for reporting • Weighted credit offered based on individual school division policy
Diploma/Transcripts	<ul style="list-style-type: none"> • School Division Diploma with Virginia Academic-Year Governor's School Seal • School Division Transcript • LFCC transcript for dual enrolled courses
Guidance Services	<ul style="list-style-type: none"> • Counseling services provided at the base school. Students have a MVGS faculty advisor.
Administration	<ul style="list-style-type: none"> • Director: Rosanne Williamson, Ed.D. rwilliamson@lfcc.edu <ul style="list-style-type: none"> – Provides instructional leadership – Establishes policies and regulatory procedures (in collaboration with the Governing Board) – Coordinates community outreach • Office Manager: DeAnne Wilmore dwilmore@lfcc.edu • Office Assistant at Middletown Site: Vanessa Lewis vlewis@lfcc.edu
Community Support	<ul style="list-style-type: none"> • Lord Fairfax Community College • MVGS Foundation • Partnerships with other higher level education institutions, corporations, associations, and individuals
Summer Programs	<ul style="list-style-type: none"> • New Student Orientation (August 2009) • Summer Enrichment Opportunities
Distance Learning	<ul style="list-style-type: none"> • Real-time multi-site interaction for teachers and students • Web-communication to expand time for student-teacher interaction • Possible use of on-line courses to meet individual needs • Virtual field experiences to enhance classroom learning environment
Fiscal Agent plus Administration Policy	<ul style="list-style-type: none"> • Personnel and purchasing through Fauquier County School Board
Application/Selection	<ul style="list-style-type: none"> • Standard Application Packet using a multi-criteria format • School divisions' selection committees
Transportation	<ul style="list-style-type: none"> • School divisions provide transportation from base schools to Lord Fairfax Community College Campus
Student Code of Conduct	<ul style="list-style-type: none"> • Compatible with Lord Fairfax Community College and school divisions' codes of conduct • Base school administration responsible for administering disciplinary action based on school division student conduct policy and procedures

Mountain Vista Governor's School: Soaring above and beyond in regional cooperation and excellence in education while serving the communities of Clarke, Culpeper, Fauquier, Frederick, Rappahannock, Warren, and Winchester City. Most up-to-date information available at www.mvgshome.org



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