



# Madison County High School

68 Mountaineer Lane, Madison VA. 22727  
 Phone: 540-948-3785 FAX: 540-948-2445  
 Principal: Gary Wintersgill

Web: [www2.madisonschools.k12.va.us](http://www2.madisonschools.k12.va.us)  
 CEEB Code: 471325  
 Assistant Principals: Jeanette Alexander  
 Jason Allison

School Counseling Director: Torie Knighton  
 School Counselor: Taylor Austin  
 School Counseling Secretary/Registrar: Karen Teal

## Community Profile

Madison County is a rural community located in central Virginia, situated approximately mid-way between Culpeper and Charlottesville. Located at the foothills of the Blue Ridge Mountains, Madison County spans nearly 325 square miles of farmland, mountain vistas and forests. The Madison County Public School district serves nearly 1,900 students across four schools.

## School Profile

Madison County High School follows a 4x4 block schedule with students earning four credits per semester. MCHS has one application program for the Blue Ridge Virtual Governor's School plus a CTE Simulated Workplace program for students which provides an engaging workplace company setting where the necessary skill sets are developed to meet the needs of tomorrow's workforce.

## Student Demographics for 2018-2019

Total Enrollment = 546

Grades 9 –12

|                    |     |
|--------------------|-----|
| African American   | 12% |
| Asian              | 01% |
| Caucasian          | 84% |
| Hispanic           | 02% |
| Two or More Races  | 01% |
| Free/Reduced Lunch | 37% |

## Graduation Requirements

| Advanced             | Credits | Standard                     | Credits |
|----------------------|---------|------------------------------|---------|
| English              | 4       | English                      | 4       |
| Math                 | 4       | Math                         | 3       |
| Science              | 4       | Science                      | 3       |
| History              | 4       | History                      | 3       |
| Health/PE            | 2       | Health/PE                    | 2       |
| World Language       | 3       | World Language               | 0       |
| Econ & Pers. Finance | 1       | Econ & Pers. Finance         | 1       |
| Fine Arts or CTE     | 1       | Fine Arts/CTE/World Language | 2       |
| Electives            | 3       | Electives                    | 4       |
| Total                | 26      | Total                        | 22      |

## Grading Scale

| Grade | Scale  | Points | Grade | Scale | Points | Grade | Scale | Points | Grade | Scale | Points |
|-------|--------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|
| A+    | 99-100 | 4.3    | B+    | 87-89 | 3.3    | C+    | 77-79 | 2.3    | D+    | 68-69 | 1.3    |
| A     | 93-98  | 4.0    | B     | 83-86 | 3.0    | C     | 73-76 | 2.0    | D     | 66-67 | 1.0    |
| A-    | 90-92  | 3.7    | B-    | 80-82 | 2.7    | C-    | 70-72 | 1.7    | D-    | 65    | 0.7    |

## Class Rank and GPA

MCHS determines GPA by dividing the total grade points received by the total number of credits attempted in earning the points.

## Weighted Courses

|                               |     |                  |     |                       |     |
|-------------------------------|-----|------------------|-----|-----------------------|-----|
| Dual Enrollment Comp          | 1.0 | AP Lit & Comp    | 1.0 | English 10 Honors     | 0.5 |
| Dual Enrollment Speech        | 1.0 | AP Biology       | 1.0 | Trigonometry          | 0.5 |
| Dual Enrollment US History    | 1.0 | Virtual Virginia | 1.0 | Math Analysis         | 0.5 |
| Dual Enrollment US Government | 1.0 | AP Courses       | 1.0 | Physics               | 0.5 |
| Dual Enrollment Pre-Calculus  | 1.0 | Blue Ridge       | 1.0 | Spanish IV-V-VI       | 0.5 |
| Dual Enrollment Calculus I    | 1.0 | Virtual          | 1.0 | French IV-V-VI        | 0.5 |
| Dual Enrollment Stats         | 1.0 | Governor's'      | 1.0 | Teachers for Tomorrow | 0.5 |
| Dual Enrollment Business      | 1.0 | School           | 1.0 |                       |     |

## 2018 Statistics and Graduate's Future Plans (125 Students)

### *Graduation Plans Class of 2018:*

29% 4-Year Colleges  
35% 2-Year Colleges  
08% Other Education  
03% Military  
25% Employment/Other

### *Grade Distribution (Weighted Scale)*

|                 |               |
|-----------------|---------------|
| Upper Quintile  | 4.6 – 3.915   |
| Second Quintile | 3.909 – 3.476 |
| Third Quintile  | 3.429 – 2.889 |
| Fourth Quintile | 2.879 – 2.427 |
| Fifth Quintile  | 2.374 – 1.182 |

### *SAT Scores (63 Test Takers)\**

|       | <b>EBRW</b> | <b>MATH</b> |
|-------|-------------|-------------|
| MCHS  | 556         | 531         |
| State | 560         | 541         |

\*Note: SAT Scores reported are for the Class of 2018. Score information will be updated with Class of 2019 data when available.

## *List of Colleges for Class of 2018:*

|                                |                                     |
|--------------------------------|-------------------------------------|
| Alderson-Broaddus College      | Montana State University            |
| Blue Ridge Community College   | Old Dominion University             |
| Bridgewater College            | Piedmont Virginia Community College |
| Christopher Newport University | Radford University                  |
| Columbia University            | Randolph-Macon College              |
| Eastern Mennonite University   | University of Mary Washington       |
| Fairmont State University      | University of Virginia              |
| George Mason University        | Virginia Commonwealth University    |
| Germanna Community College     | Virginia Tech                       |
| James Madison University       | West Virginia University            |
| Johnson & Wales University     |                                     |
| Liberty University             |                                     |
| Longwood University            |                                     |

## **BRVGS Program Profile, 2018-19**

The Blue Ridge Virtual Governor's School (BRVGS) is a Virginia Academic-Year Governor's School, consisting of a connected community of over 600 high school students from the counties of Fluvanna, Goochland, Greene, Louisa, Madison, Nelson and Orange in central Virginia. The primary purpose of the BRVGS is to teach critical skills for success to a highly able and motivated cohort of students through shared academic experiences. More information on Virginia's Academic Year Governor's Schools can be found by going to Virginia's Department of Education website at: [www.doe.virginia.gov](http://www.doe.virginia.gov).

Students usually apply as 8<sup>th</sup> grade students in order to gain admission to this highly competitive program, although they can apply for open slots in later grades. The application process involves student interviews, teacher recommendations, GPA, standardized testing of achievement and ability, and a performance writing task.

Students of BRVGS are held to exemplary standards, both intellectually and ethically. Every student enrolled in the Blue Ridge Virtual Governor's School is required to enroll in the most rigorous courses offered at their home school. Moreover, they also must take BRVGS core courses in which they are required to collaborate with peers in other member schools on challenging projects on a regular basis. In addition, BRVGS students can also take elective courses in partnership with the University of Virginia and other colleges, as available. BRVGS core courses include:

### **9<sup>th</sup> Grade: World History/Technology Through The Ages**

This course incorporates the Standards of Learning for World History I and II, and focuses on the development and use of technology throughout history. Field trips include two trips to Washington, DC. Students also collaborate to research, develop, and present semester-long projects. Students receive two credits for this course.

### **10<sup>th</sup> Grade: Advanced Placement Biology**

This course incorporates Advanced Placement Biology and the study of modern biotechnology. Students participate in college level laboratory projects and develop, research and present group "grant-writing" projects on bioethical issues with a field trip to the University of Virginia. Students receive two credits for this course.

### **11<sup>th</sup> Grade: Online Course**

11<sup>th</sup> grade students take one of several online courses. In all of these courses, students collaborate on solutions to problems that they identify and research, and then present their results to their peers. Students receive one credit for the required course. Courses meeting this requirement include:

- Governor's School Computer Science Principles
- Advanced Placement Computer Science A
- Advanced Placement Computer Science Principles
- University of Virginia Introduction to Engineering
- Germanna Community College Math 240 (Statistics)

### **12<sup>th</sup> Grade: Senior Internship**

Seniors identify specific subjects of interest for research, internship and community service projects. Students present the results of their research and experiences to panels of evaluators at the end of their senior year. Students receive one credit for this course.

**Electives** – 11<sup>th</sup> and 12<sup>th</sup> graders can take any of the courses listed above for 11th grade as an elective, and also can choose from the following courses:

- UVA Digital Technology and Communication
- UVA Cybersecurity
- UVA Introduction to Healthcare
- JMU Science in the Novel

## BRVGS Graduate Information, Class of 2017

In order to graduate with a BRVGS diploma seal, students must:

- Take and pass at least 4 Advanced Placement or Dual Enrollment courses (including BRVGS Advanced Placement Biology)
- Take and pass a "Math/Science/Technology Elective"
- Take and pass a total of 5 Math courses, including Advanced Placement or Dual Enrollment Calculus, Statistics, or other approved higher math
- Meet the graduation requirements for the Virginia Advanced Studies Diploma.

## Student Profile - BRVGS Class of 2018

**Class size** - 104

**Average SAT Score** -BRVGS: 1248.7

Virginia: 1102

National: 1060

**Average ACT Score** -BRVGS: 25.4

Virginia: 23.8

National: 21

### Post-Graduate Plans:

| VA Public College - 79  | VA Private College - 9   | Out of State/Other - 16   |
|---|--|---|
| Christopher Newport - 3<br>College of William & Mary - 5<br>George Mason - 9<br>Germanna Comm College - 2<br>James Madison - 18<br>J. Sargeant Reynolds<br>Community College - 1<br>John Tyler Community<br>College - 1<br>Longwood University - 1<br>Old Dominion University - 1<br>Mary Washington - 1<br>Radford University - 1<br>Piedmont VA Community<br>College - 1<br>University of Richmond - 1<br>University of Virginia - 13<br>VA Commonwealth U. - 2<br>Virginia Tech - 19 | Bridgewater College - 4<br>Hampden Sydney - 1<br>Liberty University - 1<br>Randolph Macon College - 2<br>Regent University - 1 | Belmont University - 1<br>College of Wooster - 1<br>Columbia University - 1<br>Hawaii Pacific University - 2<br>Montana State University - 1<br>North Carolina State - 1<br>Penn State University - 1<br>Ringling College Of Arts and<br>Design - 1<br>Tri County Technical College-1<br>UNC Wilmington- 1<br>University of Pittsburgh- 1<br>Wake Technical College - 1<br>West Virginia University - 2<br><br><hr/> Other Plans: 1 |