Welcome to Science Class

Freedom Park School Ms. Vanesia McMillan

Email: mcmilva2@boe.richmond.k12.ga.us

Class Website: <https://www.rcboe.org/Domain/731>

**6th Grade Earth Science:** The 6th grade science curriculum explores numerous exciting and fascinating topics through hands-on scientific investigations and inquiry. This will allow you to develop the essential science process skills through active experiences necessary for real-world applications. We will explore rocks and minerals, weathering and erosion, plate tectonics, earth’s waters, universe and solar system.

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| --- | --- | --- | --- | --- | --- | --- |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 6 | Unit 7 |
| Rocks & Minerals | Weathering & Erosion | Inside the Earth | Water & Earth Processes | Weather & Climate | Universe & Solar System | Introduction to Life Science |

**High School Physical Science:** The high school physical science curriculum provides extensive opportunities to practice and master science processing skills. The standards include: safety, measurement, scientific method, structure of matter, periodic table, reactions, chemistry of living systems, energy transformation, force and motion, and simple machines. Students successfully completing Physical science will take the Georgia Milestone End of Course Assessment which comprises 20% of their total grade and receive high school credit.

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| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 6 |
| Properties of Matter | Atoms & Periodic Table | Chemical Compounds and Reactions | Solutions & Radioactivity | Force & Motion | Energy Transformation |

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| --- | --- | --- |
| Unit 7 | Unit 8 | Unit 9 |
| Waves | Electricity & Magnetism | HS Preview: Intro to Biology |

**Instructional Philosophy:** Science learning is a hands-on experience to help students understand scientific concepts. At times students will be required to come to class having completed any pre-preparation assignments, such as notes or readings before they will be allowed to participate in laboratory experiences. Students are encouraged to ask questions, develop hypotheses, and design experiments. We will use a variety of online and hands on instructional experiences to learn about the natural world. Problem based learning will comprise the bulk of our classes.

**Grading Structure:**

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| --- | --- | --- | --- |
| Tests | Quizzes | Homework/Classwork & Notebook | Performance Tasks & Laboratory Reports |
| 30% | 25% | 15% | 30% |

**Supplies Needed:**

* 6th Grade only - 2 Composition Style Notebooks (6th Grade only) 1, 2-inch Binder (8th Grade only) and 1 composition book (for science fair), Pocket folder to store handouts, etc.
* 8th Grade only – 1- 2” Binder with 5 divider tabs and 1 composition book (for science fair)
* Pencil pouch to include pencils, erasers, colored pencils, scissors, glue, etc.
* 1 Ream of Copy Paper
* Loose leaf paper

**Makeup Policy**: If a student misses an assignment or a test, he/she has **three** days to set up a date and time to make up the test. If the student does not make arrangements, then the assignment/test becomes an automatic **(ZERO)**.The exception to this policy is the student who is habitually absent on test day. The student will be informed of the habit and will then **make up the test the first day that he/she returns to class**. Any other exceptions will be handled on an individual basis.

**Late Assignments:** With the permission of the teacher, a student may turn in late assignments. **Without permission of the teacher, a late assignment will be deducted points or not accepted at all.**

**Extra Help:** There are a few options available if you believe you are falling behind and need extra help.

* Schedule a time and place with Ms. McMillan on an individual basis.
* Check Ms. McMillan’s class website: @ [www.rcboe.org/domain/731](http://www.rcboe.org/domain/731) for additional resources.

**Contact Information:** You may contact me via email at [mcmilva2@boe.richmond.k12.ga.us](mailto:mcmilva2@boe.richmond.k12.ga.us) , via text using the Remind App (6th @ah662e4, 8th @e34f4a) or calling Freedom Park School @ 706-796-8428. I am available for conference when scheduled in advance. Please visit my class website and Remind text for announcements and updates. Our class website is <https://www.rcboe.org/Domain/731>

By signing below, I acknowledge that I have read and understand the expectations in this syllabus for my science class. I understand that:

My student will have homework.

My student is responsible for all instruction whether absent or present.

My student is responsible for all assignments missed for any reason.

Tutoring is available from Ms. McMillan during scheduled days and times.

Grades can be accessed through the Parent Portal (Infinite Campus)

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_