



Vision

Austin Road Middle School will cultivate an environment for creativity, innovation and leadership where we exceed expectations every day.



Mission Statement

Austin Road Middle School strives to develop a nurturing school community that encourages academic success for each scholar through a rigorous curriculum and extracurricular opportunities supported by dedicated teachers and staff.

AUSTIN ROAD MIDDLE SCHOOL

8th Grade Physical Science Course Syllabus 2020-2021

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Welcome to the 2020-2021 school year!

Course Description

Eighth grade students record their observations clearly and accurately. They keep records and analyze the data they collect. They work conceptually on the laws of physical science: Conservation of matter, conservation of energy, motion and forces, and energy transformation. They use what they observe to explain the difference between physical and chemical changes. Eighth graders write instructions, describe observations, and show information in graphical form. When analyzing the data they collect, eighth graders can recognize relationships in simple charts and graphs and find more than one way to interpret their findings. The students replicate investigations and compare results to find similarities and differences. Eighth grade students understand the importance of working safely.

The middle school physical science course is designed to give students the necessary skills for a smooth transition from elementary physical science standards to high school physical science standards. The purpose is to give all students an overview of common strands in physical science including, but not limited to, the nature of matter, laws of energy, matter, motion and forces, and energy transformation. This curriculum is NOT intended in any way to take the place of the high school physical science curriculum

8th Grade Physical Science Content Knowledge

UNIT-3 S8P3. Obtain, evaluate, and communicate information about cause and effect relationships between force, mass, and the motion of objects. **(January – February)**

UNIT-4 S8P4. Obtain, evaluate, and communicate information to support the claim that electromagnetic (light) waves behave differently than mechanical (sound) waves. **(February – March)**

UNIT-5 S8P5. Obtain, evaluate, and communicate information about gravity, electricity, and magnetism as major forces acting in nature. **(March - April)**

Resources:

Textbook: Houghton Mifflin Harcourt Online Textbook (HMH)

Google Classroom

USA Test prep

Online Flex Book:

[\(https://www.ck12.org/user:am9obi5zd2vlbm5qhnmyxnjag9vbc5jzg9t1m9yzw../book/sfa-physical-science/\)](https://www.ck12.org/user:am9obi5zd2vlbm5qhnmyxnjag9vbc5jzg9t1m9yzw../book/sfa-physical-science/)

Required Materials:

(Virtual Learning)

- **Chromebook**
- **Pencils**
- **Composition or Spiral Notebook**

(Face to Face Learning)

- **3 Composition Notebooks**
- **Writing Utensil (Pencil and Pen- blue or black ink ONLY)**
- **Pencils**
- **Glue Sticks**
- **Lined loose-leaf paper (Daily)**
- **Colored Pencils**
- **Scissors**
- **Ruler (metric)**
- **3 prong plastic folder**
- **Dry Erase Markers**
- **Sanitizer**
- **Headphones**

Grading System

A = 100 – 90

B = 89 – 80

C = 79 – 74

D = 73 – 70

F = below 70

Grading Policy (Category Weights)**Practice Work: 40% of grade**

Classwork

Common Formative Assessments (Quizzes)

Notebook (minimum of two per term required)

Assessment Tasks: 40% of grade

Summative Unit Assessments

Constructed/Selected Response Assessments

Culminating Performance Tasks/Projects

Semester Summative Assessment Tasks: 20%

Semester Summative Assessment/EOC

Henry County Schools provides high school and middle school parents and scholars access to grades via Infinite Campus Portal on the Internet. Please contact the school counselors and/or secretary to obtain your password.

Non-Academic Grades

Scholars will be evaluated on non-academic factors as follows through the conduct grade:

S--Satisfactory

N--Needs Improvement

U--Unsatisfactory

Virtual Learning Expectations

- Be present on all Google Meets meetings
- Turn Cameras ON during class
- Submit all assignments on time
- Participate in discussions with teacher and classmates
- Complete all assignments independently

Classroom Expectations

- Come to class prepared everyday
- Be actively engaged in every lesson
- Even when it gets difficult, never give up
- Complete all assignments to the best of your ability
- Be open minded in your scientific thinking
- Collaborate with classmates when necessary
- Be supportive and respectful to your classmates and teacher

***Discipline Disclaimer- Inappropriate behavior will be reported to parents and administrators for further corrective actions.**

Make-Up Work

a. On the first day back from an absence, scholars are responsible for attaining and completing any missed assignment(s). The number of days allowed to complete make-up work will be commensurate with the number of days in which the scholar was absent. Failure to comply with this procedure will result in a grade of zero (0) being given for any graded assignment(s) that the teacher gave during the time of the scholar's absence.

b. Scholars assigned out-of-school suspension (OSS) will be allowed to make-up work upon return to school. The number of days to complete the assignment(s) is commensurate to the number of days of OSS (i.e., 3 days of OSS = 3 days to make up missing assignments).

*c. If a scholar misses class during remote learning, they should access remote learning plans/assignments on the Remote Learning page of the school website to attain and complete assignments.

Late Work Policy

Assignments that are not submitted on time will receive an "M" (missing) within the Infinite Campus gradebook. All scholars will be given ample opportunity to submit their work through activities to include but not limited to amnesty day(s), working lunch, before/after school tutorial, etc. **After the task has been submitted, the teacher will then replace the "M" in Infinite Campus with the earned grade. Any assignment not submitted by the end of the term, in which it was assigned, will remain as a permanent grade of zero (0%) within the Infinite Campus gradebook for the remainder of the semester.**

Absences

It is the scholar's responsibility to find out what they miss when they are absent. Extra credit is given randomly throughout the year. Please take advantage of it. It is not given out by request.

Don't forget to join REMIND to receive one-way messages from the teacher!!

Remember to join using YOUR CHILD'S NAME

Remind Codes: Text code to the number 81010

3 rd Period	4 th Period	5 th Period	6 th Period
@arms8sci	arms8sci4	@arms8sci5	@arms8sci6

Tutoring

Tutoring available every Wednesday evening at 4:00 pm.

Technology

Chromebook use is allowed only during “power on” technology time. Chromebook usage is for instruction only. It is the scholar’s responsibility to ensure that his or her Chromebook is brought to school fully charged. Devices will not be charged in the classroom.

Cell phones are not permitted in the classroom.

#ExpectEXCELLENCE

Scholar’s Name: _____ Class Period: _____

8th Grade Physical Science SYLLABUS ACKNOWLEDGEMENT



By signing this document, you acknowledge that you have read the syllabus in its entirety and will be held accountable if you do not meet the expectations stated above.

Scholar’s Signature: _____ Date _____

By signing this document, you acknowledge that you have read the syllabus in its entirety and will do your best to support your scholar in adhering to the expectations listed in the syllabus.

Parent’s Signature: _____ Date _____

To acknowledge receipt of this document, **CLICK** the link below.

Science Syllabus Acknowledgement Form-
<https://forms.gle/jRKpHRgkmvMSeZve8>

Thank you,

Garynne Parks & Shemeka Walton