



**8th grade Physical Science
2021- 2022**

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DMS MISSION SY21

Dutchtown Middle School seeks to foster a safe and positive school community where all stakeholders are both actively and consistently engaged. We will commit ourselves daily towards sustaining high expectations for teaching and learning, nurturing positive relationships, and celebrating the collective success of our school and community.

DMS VISION SY21

In truth, honor, and integrity, Dutchtown Middle School will create an environment of excellence in all that we do.

Course Objectives, Content and Units:

By completion of the coursework for 8th grade physical science, scholars will have mastered the Henry County Teaching and Learning Standards (HCTLs) for physical science content. The HCTLs for science are designed to give all scholars the necessary skills for a smooth transition from elementary physical science standards to high school physical science standards. The purpose is to give all scholars an overview of common strands in physical science including, but not limited to, the nature of matter, conservation of energy, energy transformations, conservation of matter, kinematics, and dynamics.

Course Description:

Eighth grade scholars keep records of their observations, use those records to analyze the data they collect, recognize patterns in the data, use simple charts and graphs to represent the relationships they see, and find more than one way to interpret their findings. They develop conceptual understanding of the laws of conservation of matter and conservation of energy, are able to explain the characteristics of the motion of an object (speed, acceleration) and the way that forces may change the state of motion of an object. They use what they observe to explain the difference between physical and chemical changes and cause and effect relationships between force, mass, and the motion of objects. Scholars in eighth grade construct arguments and explanations based on evidence on the difference and similarities between electromagnetic and mechanical waves. Eighth graders plan and carry out investigations, describe observations, and show information in graphical form. The scholars replicate investigations and compare results to find similarities and differences.

Virtual Classroom expectations, rules, procedures, etc.:

- ✓ Arrive to class on time
- ✓ Adhere to Henry County Student Handbook dress code
- ✓ Cameras on
- ✓ Microphones muted
- ✓ Actively participate in class
- ✓ Submit quality assignments on time
- ✓ Raise your hand (Nod app) or type in the chat box
- ✓ Respect yourself, teacher, and others
- ✓ Request direct instruction tutorial through email or communicate through Google Classroom

<u>Practice Work</u>	<u>Assessment Tasks</u>	<u>Semester Summative Assessment Tasks</u>
Classwork, homework, formative assessments, diagnostic assessments, written reflections. May be graded for accuracy or completion.	Such as constructed response assessments, selected response assessments, reflective assessments, summative unit assessments, culminating performance tasks, projects	Assesses the totality of standards for the course. In the case of a high school course with an End of Course (EOC) Test, the semester summative
<u>Counts 40% of the grade</u>	<u>Counts 40% of the grade</u>	<u>Counts 20% of the grade</u>

Grading Scale:

A = 90 – 100%

B = 80- 89%

C = 74 – 79%

D = 73 – 70%

F = Below 70%

Non-Academic Grades

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

S- Satisfactory N- Needs Improvement U- Unsatisfactory

Required Materials:

Online and hardcopy of the HMH Physical Science Textbook.

[School Supply List: Please click the link](#)

POLICY for LATE ASSIGNMENTS

Assignments that are not submitted on time will receive an “M” (missing) within Infinite Campus gradebook.

POLICY for MAKE-UP WORK

Make-Up Work

Scholars will have up to two weeks to submit **missed** or **late work**

- An **M** or **missing** will be placed as grade placeholder to reflect missing work; please note missing work will equate to a **0** in the Infinite Campus (IC) gradebook until the work is made up.
-Scholars will receive a **-10pt. deduction** from the grade earned on all assignments turned in after the due date.
-If the work is not made up within the two week period from the time it was assigned, the grade will be changed to a **0** with commentary indicating the missed work deadline

- If a scholar **misses work** due to an **absence** the scholar will be allowed to make up work commensurate with his/her number of absences. It is the scholar's responsibility to inquire about missed work and or assessments from his/her teacher.
- Absences due to suspension from school are considered unexcused. Scholars assigned out of school suspension (OSS) will be allowed to make-up work upon return to school. The number of days to complete make-up work is commensurate to the number of days of OSS (i.e. 3 days of Out of School Suspension= 3 days to make up work missed).

Tests/Quizzes: Mastery is measured by a score of 80% or greater.

If a scholar scores less than 80%, the scholar **may re-take a quiz one additional time** (except for semester exams in which there are no retakes).

Re-takes must be taken during the Friday office hours following the original quiz date.

Please note: It may be necessary to make adjustments in the above course syllabus based on the teacher professional observations and scholar needs.

ACKNOWLEDGEMENT OF RECEIPT:

Print and sign below, take a picture and upload to the assignment in Google Classroom.

or

[Click here to sign the Google Form](#) to acknowledge that you and your scholar have read and understand the policies in the in the 8th grade Physical Science Coursework Syllabus for the 2021 / 2022 school year.

****PLEASE SIGN & RETURN TO YOUR CHILD'S TEACHER BY FRIDAY, AUGUST 6, 2021.****

Student Name (Print) _____ Date _____

Student Signature _____ Date _____

Student Email ____ (student number) _____ @henry.k12.ga.us _____

Class Period _____

Parent Name (Print) _____ Date _____

Parent Signature _____ Date _____

Parent Email _____ @ _____

Parent Contact # _____ Alternate # _____

Comments:

