



8th grade Physical Science
2021- 2022

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DMS MISSION SY22

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 SY22

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

Department Philosophy:

By completion of the coursework for high school physical science, students will have mastered the Georgia Standards of Excellence for physical science content. Students will: record, organize and interpret data, graphs, tables, chart interactions accurately, use proper units and analyze scientific data via calculation, observation and inference, recognize the importance of explaining data with precision and accuracy, apply safety techniques in labs, and use advanced technology in these applications.

Course Description:

The Physical Science Georgia Standards of Excellence are designed to continue student investigations of the physical sciences that began in grades K-8, and provide students the necessary skills to have a richer knowledge base in physical science. The standards in this course are designed as a survey of the core ideas in the physical sciences. Those core ideas will be studied in more depth in the chemistry and physics courses. The physical science standards include abstract concepts such as the conceptualization of the structure of atoms and the role they play in determining the properties of materials, motion and forces, the conservation of energy and matter, wave behavior, electricity, and the relationship between electricity and magnetism. The idea of radioactive decay is limited to the understanding of whole half-lives and how a constant proportional rate of decay is consistent with declining measures that only gradually approach to zero. Students investigate physical science concepts through the study of phenomena, experiences in laboratory settings, and field work. Scholars 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.

Classroom expectations, rules, procedures, etc.:

- ✓ Arrive to class on time
- ✓ Adhere to Henry County Student Handbook dress code
- ✓ Actively participate in class
- ✓ Submit quality assignments on time
- ✓ Raise your hand

- ✓ Respect yourself, teacher, and others

<u>Practice Work</u>	<u>Assessment Tasks</u>	<u>Semester Summative Assessment Tasks</u>
<p>*Classwork *Formative Assessments (Quizzes, TOTD, etc.)</p> <ul style="list-style-type: none"> Administered in frequent intervals (e.g., daily or several times a week), as determined by the teacher Formal methods include district or school developed formative assessments or quizzes. Informal methods include but are not limited to white board writes, tickets out of the door, and other means to monitor scholar comprehension consistently. 	<p>*Summative Unit Assessments *Constructed/Selected Response Assessments *Culminating Performance Tasks/Projects</p> <ul style="list-style-type: none"> minimum of two assessment grades per semester must be district or department co-created scholars must be provided with a rubric for each performance task/project on the day the task/project is assigned the lowest Assessment grade will be dropped at the end of each semester Scholars MAY have an opportunity to re-assess on a Summative Assessment once remediation/tutoring has occurred 	<p>*Semester Summative Assessment/ EOC</p> <ul style="list-style-type: none"> No exemptions for any grade level Culminating tasks/projects (core or connections) may be assigned, but draft assessments must be provided to the department administrator two weeks prior to the date of the assessment (if applicable)
<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 Physical Science Textbook found in Henry Co. Classlink/Launchpad “Safari Montage”

POLICY for LATE ASSIGNMENTS

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

Scholars will have 5 days 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.

Any assignment not submitted within five (5) days of the originally assigned due date will remain as a permanent grade of zero (0%) within the Infinite Campus gradebook.

- 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 with 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.

There are no re-takes or 2nd attempts for quizzes. However, a re-take may be given for a unit test after the scholar attends tutorial and has satisfactorily completed remediation.

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

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 13, 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: _____