

# **Eagle's Landing Middle School**

## **8<sup>th</sup> Grade Science Syllabus**

Instructor(s): Dr. Valarie Ages-Lockett  
Ms. Yvette Burton  
Ms. Stephanie Huff  
Ms. Sonja Wimberly

**Text: HMH Georgia Science Grade 8 (Houghton Mifflin Harcourt)**

### **Description:**

This course is designed to give an overview of common strands in physical science including, but not limited to, properties of matter, energy and its transformations, light and sound, forces and motion, electricity and magnetism. During the school year students will use process skills of observing, classifying, inferring, identifying and manipulating variables. Students will participate in laboratory experiments and document their findings in a lab report.

### **Goals:**

**The Common goals stretch across each curriculum.**

- Investigate problems and find a solution supported by data and evidence.
- Interpret and communicate scientific information.
- Learn how to solve problems in a team atmosphere.
- Learn how manipulate technology to express scientific results.
- Connect science to other core subjects and the real world and see how different disciplines of science are related to the issues in everyday life.

As a Henry County graduate, I will understand and analyze:

- atoms, matter, reactions, and interactions through scientific processes and practices.
- energy as it relates to electricity and magnetism as major kinds of forces acting in nature.
- forces, mass, motion, and interactions through scientific processes and practices.
- the characteristics of waves as demonstrated through the integration of scientific practices.

### **Requirements:**

Students are required to come class prepared and on time every day. Students that misbehave during instructional time receive the following:

- Verbal warning
- Loss of Science Privileges (this could mean the student watches his/her team on the next experiment)
- Phone call /email to parent
- Detention
- Serious violations will result in a student being written up and sent to the Assistant Principal, these violations could result in parental conferences or even suspension.

**Classwork / Homework:** Students are expected to be active listeners and participants in the daily routine and learning experiences of the classroom each day. All class work and homework are required entities of our environment.

**Make- Up Work:**

Make- up work will be provided when students contact his/her teacher when he/she returns to school. I will not be responsible for keeping track of work from previous units that took place months ago.

**Extra Support:** Additional support for student success may be provided throughout the day. It is important to ask questions if you do not understand.

**Materials:**

**Grading Scale:**

TEAM GRADING SCALE	
A	100 - 90
B	89-80
C	79-74
D	73-70
F	Below 70

**Grading Categories**

CATEGORY	PERCENTAGE	SUGGESTED FREQUENCY
<b><u>Practice Work</u></b> Class Work, Homework, Formative Assessments, Diagnostic Assessments, Written Assessments, Written Reflections. <b>Note: All items may be graded for accuracy or completion</b>	<b>40% of the grade</b>	
<b><u>Assessment Task</u></b> Constructed Response Assessments, Selected Response Assessments, Reflective Assessments, Summative Unit Assessments, Culminating Performance Task, Class Projects	<b>40% of the grade</b>	
<b><u>Semester Summative Assessment Task</u></b> Semester Final, GMAS End of Course (EOC) High School Courses	<b>20% of the grade</b>	

<b>Note: Assess the totality of standards for the course and will be administered at the completion of the full course.</b>		
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**Note: Any assignment that is not completed or turned in for a grade, will result in the grade being entered as a zero (0).**

Remember I'm here to make sure that your child has a successful year. If you have any questions or concerns about the requirements, policies, or how your student is doing in class please contact me at any time. This page is proof that you have read and understand the goals and procedures of the 6<sup>th</sup> grade science class. Please sign below and return this portion only.

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Student Name

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Parent/Guardian Name

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Student Signature

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Parent/Guardian Signature

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Date

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Parent/Guardian Daytime Phone #

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Parent/Guardian e- mail address

