

# Earth Science Syllabus

## 2021-2022

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**Textbook:** HMH Georgia Science

**School Phone:** (470) 254-7090

**IMPORTANT:** The HMH Georgia Science book is a consumable textbook but it also available online under HMH Ed.

***Within this course, accommodations and modifications will be implemented based on students' current Individualized Education Plan (IEP). For specific goals and objectives and instructional levels, refer to your child's IEP.***

### **COURSE DESCRIPTION:**

The 6<sup>th</sup> Grade Earth Science curriculum provides students with the necessary knowledge and skills in earth science. The course is designed to provide students with an overview of the common concepts in earth science including, but not limited to, meteorology, geology, astronomy, hydrology, and the impact of humans on the earth, resources utilization and conservation. These concepts are investigated through observing, collecting, summarizing, analyzing, and presenting the results of replicated scientific investigations and fieldwork for students to develop the appropriate skills in science as inquiry.

This course is further designed to support statewide literacy standards and challenge students to become more effective communicators and consumers of information by applying skills including but not limited to identification of key ideas, definition of scientific words in context, and the development and justification of stated arguments to their study of core science concepts.

### **COURSE OUTLINE FOR THE YEAR:**

#### **First Semester**

Density

Geology

- Earth Structures
- Plate Tectonics
- Rocks and Minerals
- Weathering and Erosion

#### **Second Semester**

\* Hydrology continued

\*Meteorology

\*Astronomy

\*Natural Resources

- Hydrology

**Earth Science Georgia Standards that will be covered this year:**

**S6E1. Obtain, evaluate, and communicate information about current scientific views of the universe and how those views evolved.**

**S6E2. Obtain, evaluate, and communicate information about the effects of the relative positions of the sun, Earth, and moon.**

**S6E3. Obtain, evaluate, and communicate information to recognize the significant role of water in Earth processes.**

**S6E4. Obtain, evaluate, and communicate information about how the sun, land, and water affect climate and weather.**

**S6E5. Obtain, evaluate, and communicate information to show how Earth’s surface is formed.**

**S6E6. Obtain, evaluate, and communicate information about the uses and conservation of various natural resources and how they impact the Earth.**

**GRADING SCHEME:**

Fulton County Academic Grading Scale will be used:

A	90 and above
B	80-89
C	70-79
F	69 and below*

\*By state rule, any grade below 70 is failing.

Students will be assessed according to the following:

Major	50%
Minor	35%
Practice	15%

FCBOE POLICY JBD -Upon returning to school following an absence, it is the student’s responsibility to contact the teacher to request make-up work. Make-up work must be completed by the student within the time specified by the teacher. At Taylor Road Middle School, the student will be given the same amount of time to make up the work as the student was absent unless other arrangements are mutually agreed upon. The student will receive the actual grade on the make-up work if the absence was “excused.” Make-up for “unexcused” absences may be reduced by ten points. Make-up work submitted late will receive a zero.

**Provision for Improving Grades**

1. Opportunities designed to allow students to recover from a low or failing cumulative grade will be allowed when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements including attendance.
2. Teacher will determine when and how students with extenuating circumstances may improve their grades.

**Extra Help**

Teachers are available most mornings from 8:00 – 8:45 a.m. for extra help. Please make an appointment with the teacher at least 24 hours ahead of time to ensure that there are no scheduling conflicts. A pass to come to the room will be written in

the student's agenda.

### **Homework**

Homework will be assigned at teacher discretion and based on the depth of the concept(s) we will be covering in class and as an extension of classroom activities.

### **Teacher/Parent/Student Communication**

Parents may contact at the school by calling or by using e-mail. Messages are generally returned within 24 hours of receipt. In addition, face-to-face conferences may be requested to discuss a student's progress or behavior.

### **Classroom Rules**

1. Come to class prepared to learn.
2. Obtain permission before speaking or leaving your seat.
3. Respect others.
4. Respect school property and the property of others.

### **Discipline**

To ensure the proper learning environment in the classroom, all students are expected to demonstrate a positive attitude toward learning. If discipline problems arise, they will be handled on an individual basis.