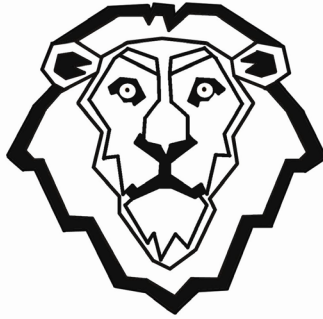


Autrey Mill Middle School



Course Syllabus for: Grade 6 – TAG Earth Science

Teacher Name	Email Address
Kayla Garner	GarnerK@fultonschools.org
Dawn Daugherty	daughertyd@fultonschools.org
Gina Medford	Medford@fultonschools.org
Kristin Anchors	anchorsk@fultonschools.org
Erin Villaume	Villaume@fultonschools.org
Beth Terrell	Terrellb3@fultonschools.org

Textbook - Earth Science – Houghton Mifflin Harcourt

In addition to the consumable textbook, students will have online access through ClassLink → HMH Ed

- launchpad.classlink.com/fcs
- username: student number
- password: same as for all other school logins

Help Session Times

Help sessions every Wednesday from 8:00 a.m. to 8:30 a.m. Teacher will pick up promptly at 8:00 a.m. from the cafeteria.

Lunch help sessions generally offered the day before each quiz and/or test (limited seating)

Method for Grading

- **Students will have a minimum of 8 grades per semester.**
- Student grades will be determined by using the following categories:
- **Major: 50%** - unit tests, major projects
- **Minor: 40%** - quizzes, labs
- **Practice: 10%** - Daily assignments, observations, homework

Recovery of assignments/assessments

- • All students will have the opportunity to recover any major assessment less *than* 75%
- • Eligibility for recovery is for students who receive 75% or below on a specific major assessment.
- • Students are eligible to earn a replacement grade on a recovery no higher than 75%.
- • Students complete the recovery before the next major assessment or 5 school days before the end of a marking period if there is not another major assessment

Progress Reports/Report cards

- Progress reports are available to parents on the Parent Portal every 4.5 weeks.
- Report cards are available to parents on the Parent Portal every 9 weeks.

Late Work

Students are expected to turn all work on time.

- A flag of “M” (missing) will first be entered into the grade book
- Late assignments will receive a deduction of 10 points the first day late, 10 points the second day late, 5 points the third day late. (Up to 25 points).
- A grade of 0 (Zero) will be entered in the electronic grade book if the assignment is not received by the teacher after 3 late days.

See General Academic Guidelines and Expectations for communication, recovery, discipline and other general information.

See the Georgia Standards of Excellence for science at <https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Sixth-Grade-Georgia-Standards.pdf>

Course Description:

The course content for Fulton County TAG classes is the same as for the regular education classes at the appropriate grade level and subject. State mandated objectives are covered in all classes. The TAG class instruction is enriched using the following guidelines:

1. Gifted students will develop advanced research methods and independent study skills which will allow for the in-depth learning of self-selected topics within the area of study.
2. Gifted students will develop and practice creative thinking and creative problem-solving skills with a variety of complex topics within the area of study.
3. Gifted students will develop and practice higher order and critical thinking skills in the area of study.
4. The curriculum activities and delivery models used in gifted programming should (a) be sensitive to the unique social and emotional needs of gifted students, and (b) encourage the development of self-understanding.

The 6th 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.

Outcome Expectations

At the end of this course students should be able to:

1. Use appropriate scientific tools to observe, record, organize, analyze, interpret, write, and present the results of scientific investigations clearly and accurately.
2. Relate the nature of science to basic historical theories regarding the evolution of the universe including the Big Bang.
3. Describe the relative position and motion of objects in our solar system, galaxy, and the universe and explain their effects.
4. Describe the composition, location, and topography of the world's oceans.
5. Recognize the role of water in earth's water-related processes including water cycle, waves, currents, tides, wind systems, distribution of heat, weather, and climate.

6. Identify and describe the structure and nature of the earth's crust, mantle, and core.
7. Explain the effects of earth's structural movements on geologic features and physical processes such as tectonics, volcanic eruptions, currents, tides, etc.
8. Classify rocks and explain the processes involved in their formation and cycle.
9. Describe the various sources of energy, their uses, and conservation including the sun, renewable, and non-renewable sources.