



Sixth Grade Earth Science
BCMS 2025 – 2026 School Year
Ms. M. Kelly
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Parent Partners:

Parents and guardians are key to the success of students! We encourage each parent/guardian to partner with teachers, instructional leaders, and administrators to help students be successful.

BCMS parents/guardians are encouraged to:

1. **Check parent portal, Class Dojo, Blackboard, and /or portfolios frequently to understand your child's progress.**
2. Check Google Classroom frequently to understand teacher expectations, student assignments, and assignments due dates.
3. Resolve concerns by:
 - encouraging your child to communicate with the teacher to understand or resolve issues.
 - communicating with the teacher if student communications are unsuccessful.
 - communicating with an assistant principal if communication with the teacher is unsuccessful.

Course Description:

****Grades for this course will count toward your cumulative End of the School year GPA.**

Earth Science is the study of the Earth and its neighbors in space. It is an exciting science with many interesting and practical applications. Some Earth scientists use their knowledge of the Earth to locate and develop energy and mineral resources. Others study the impact of human activity on Earth's environment, and design methods to protect the planet. Some use their knowledge about Earth processes such as volcanoes, earthquakes, and hurricanes to plan communities that will not expose people to these dangerous events. Throughout the course, you will apply your reasoning skills through investigation and the principles of the scientific method. Measurement and data collection will play an important role in student learning. Students will use science and engineering practices along with crosscutting concepts to evaluate and explain phenomena. The Science Georgia Standards of Excellence drive instruction. Hands-on, student-centered, and inquiry-based approaches that will be the emphasis of the six grade science classroom instruction.

Course Outline: The following topics will be taught in Honors Earth Science per the Georgia Standards of Excellence for Science.

- **Unit 1: Solar System and Beyond** - •Origins of the universe •Milky Way galaxy
•Gravity • Inertia • Formation and structure of solar system
- **Unit 2: Earth-Moon-Sun** - •Eclipses •Day/night • Seasons • Elliptical orbit •Tilt of the Earth •Direct/indirect sunlight •Gravity •Tides •Earth's surface
- **Unit 3: Earth's Changing Landscape** - •Geologic time scale • Plate tectonics •Rock cycle •Mineral formation •Land feature •Catastrophic events •Weathering
•Erosion
- **Unit 4: Water in Earth's Processes** - •Water cycle •Thermal energy transfer
•Weathering •Erosion •Deposition •Waves, currents •Sunlight •Temperature
- **Unit 5: Climate and Weather** - •Ocean and atmosphere patterns •Water cycle •Air masses •Unequal heating of Earth •Natural hazards •Global climate change
- **Unit 6: Human Energy Needs-** •Renewable and non-renewable resources •Global climate change

Note: Students will be required to complete labs and lab reports throughout the course. Students are expected to take notes. **Notes should be kept in their science interactive composition notebooks and science interactive folder.** The teacher reserves the right to adjust the schedule of the syllabus to meet student needs.

Classwork/Homework:

Completing class work and homework will be a necessity in order to succeed in this course. Homework will be assigned on Tuesday's and Thursday's in the Google classroom portal. Students are required daily to review science class notes/class material should be completed daily. **Students are expected to study a minimum of several hours per week to prepare in advance for unit summative benchmarks, weekly formatives, and daily Pop-Quizzes . Students who are absent for whatever reason are responsible for completing missing assignments.**

Notes:

Students are expected to take notes. Notes should be kept in their science composition journal notebook and dated daily. Students who are absent are responsible for getting the missed notes upon return.

Materials Needed:

- 2 or more packs of #2 pencils
- 2-pocket folder with prongs(student name labeled)
- 2 composition notebooks(Science Vocabulary/Science Interactive Notebook Note- Taking Task
- Earbuds/Headphones
- Glue sticks 3 to 4 packs for the year

Teacher Wishlist:

- Class Environmental Safety
 - Kleenex Tissue
 - Disinfectant Wipes
 - Lysol Disinfectant Spray
 - Hand Sanitizer or Hand Soap

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| <ul style="list-style-type: none">● color pencils or crayons | |
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Rules for Classroom Management:

The following rules and procedures are designed to create an effective learning environment and to use class time efficiently.

1. **Be responsible:** Bring a pencil and your notebook to class every day.
2. **Be prepared** for class when the bell rings. This means your pencils are sharpened, and you have brought your textbook and notebook unless otherwise notified. This time is also to be used to complete any work that is on the board.
3. **Be courteous:** Remain in your desk during class. Throw all trash away before class begins or at the end of class. Walking around the room during class without permission is rude and disrespectful to both teacher and students.
4. **Be patient:** Do not ask to leave the room unless it is an emergency. Get water and use the restroom before class.
5. **Be cooperative:** Participation is required for pair work and group work. Give and ask for assistance. Be friendly and positive. Help each other.
6. **Be respectful** and polite to all other students and the teacher. This means that you listen when someone else is talking. Do not shout, use abusive language, or laugh at another individual in the room.
7. **Be polite:** No eating or drinking allowed. During class, do not (1) comb or brush your hair, (2) apply make-up, spray perfume/cologne, apply lotion or nail polish. *This rule applies for male and female students!
8. **Be attentive:** Do not sleep or lay your head down during class.
9. **Be smart:** Follow all school rules.

Behavior Interventions

- Redirection
- Conference with students about the misbehavior and its negative impact on their learning classroom environment
- Call parent or parent conference to discuss behavior and interventions
- Conference with student, counselor, and/or Assistant Principal
- Electronic Discipline Referral to the Assistant Principal

** Any student who is a **major disruption** to classroom procedure will be referred immediately to the assistant principal.

Grading Policy: The following will be the grading policy for 6th Grade Earth Science:

Category	Each Nine Weeks
Summative Assessments	45%
Formative Assessments	45%
Nine Week Exams	10%

The final grade for class counts **80%**. A final grade of **70% is needed to earn six grade promotion.**

Missed Class:

It is the responsibility of the student to arrange for makeup work. For excused absences, students will have a **maximum** of **three days** to complete **makeup work**. **Please check Google classroom portal daily for both class assignments(daily) and homework assignments(Tuesday & Thursday)**

Note: *I am available after school as needed to provide help whenever possible. It is the responsibility of the student to request additional help. I will need to be notified at least twenty-four hours before the student plans to stay. Parents or guardians: if there is any way I can be of assistance, please feel free to call the school or e-mail me at mKelly@burke.k12.ga.us*

*****KEEP THIS SYLLABUS IN YOUR NOTEBOOK AT ALL TIMES*****

I have read and understand all the classroom procedures for Ms. M. Kelly's Earth Science class, and I will abide by the rules and expectations.

Student's Signature _____ Date: _____

Parent/Guardian's Signature _____ Date: _____

Parent/Guardian Phone Number _____ E-Mail Address _____