

Earth Science

Providence Extension Program

Instructor: Dr. Charlotte Singletary PT, DPT

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Required Texts & Materials

- *BJU Earth Science, 5th Edition*
 - *BJU Earth Science Lab Manual, 5th Edition*
 - 1 binder with loose-leaf paper or spiral notebook
 - Pen or pencil
 - Colored pencils
 - Basic calculator
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Class Mission

This class is designed to explore creation as God's work through the study of the physical universe. The curriculum affirms a conservative biblical worldview of Earth's history, shaped by Creation, the Fall, and the Flood. Scholars will also be introduced to secular theories and taught to think critically, comparing all ideas through a biblical lens. While this is a lab science course, it is taught at an 8th-grade honors academic level, providing scholars with deeper engagement and higher-level thinking skills appropriate for advanced middle school learners.

Topics Covered

Based on *BJU Earth Science, 5th Edition*, scholars will explore:

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| • The World of Earth Science | • Weathering, Erosion, and Soils |
| • Matter and Energy in Earth Science | • Oceans and Seas, Ocean Motion, and Exploration |
| • Mapping and Models | • Surface Water and Groundwater |
| • Geology and Earth's Structure | • Atmosphere, Weather, and Climate |
| • Plate Tectonics and Earthquakes | • Astronomy, the Solar System, and the Universe |
| • Mountains, Volcanoes, and Surface Processes | • Space Exploration |
| • Minerals, Rocks, and Fossils | |

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Class Expectations

- Be on time and prepared with materials.
 - Participation and note-taking are required.
 - Be respectful to the instructor and classmates.
 - Disruptive or disrespectful behavior will result in removal from the class and placement in Study Hall for that session.
 - Hands-on activities and labs will be integrated into class sessions. Attendance is essential to maximize learning. Scholars are expected to act safely, follow all lab procedures, and use equipment responsibly at all times.
 - In case of absence, parents may email the instructor for an excused absence, which may exempt the scholar from the lab activity.
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Grading Policy

Grades will be posted in the online gradebook as soon as possible.

- Work not submitted will be recorded as a zero until received.
- Late Work Penalties:
 - 20% reduction for the first PEP day late
 - 30% reduction for the second PEP day late
 - No work accepted beyond 2 PEP days late
- Each scholar will receive **two Grace Passes** for the school year. A Grace Pass may be used in place of a missed **homework assignment** and receive full credit.

Grading Scale:

90-100	= A
80-89	= B
70-79	= C
60-69	= D
≤ 59	= F

Grading Breakdown

- 35% – Tests
 - 30% – Labs
 - 20% – Quizzes
 - 15% – Homework/Participation
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Cell Phone Policy

- PEP requires that no cell phones be carried into class.
- Violations will result in a deduction of class participation points.
- Cell phones will be taken from scholars and given to Study Hall monitors or Administrator to be returned by the end of day.

Absences

- Assignments are due on the date posted in the Pacing Guide.
 - For an excused absence (with a parent email on or before class), work may be submitted upon return with no penalty.
 - Unexcused absences will incur late penalties.
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Learning Earth Science is about far more than memorizing rocks, weather patterns, or passing tests. It is about developing a deeper understanding of the world God has created while building the observation, critical thinking, and problem-solving skills that are foundational to scientific discovery.

My goal is to create a classroom where scholars are challenged, encouraged, and inspired to explore the systems that shape our planet, appreciate the order and beauty of creation, and gain knowledge and confidence that will serve them throughout high school, college, future careers, and their walk with Christ.

I look forward to partnering with your family this school year.

Dr. Charlotte Singletary, PT, DPT
Earth Science Instructor

Parent & Scholar Acknowledgment Form

By signing below, both scholar and parent/guardian acknowledge that they have received, read, and understood the course syllabus and expectations for Earth Science.

We understand that this is a middle school lab science course designed to help scholars explore God's creation through the study of Earth and its systems. We agree to uphold the academic and behavioral expectations outlined in the syllabus.

Should any questions or concerns arise during the semester, we agree to communicate with the instructor respectfully and promptly.

Scholar Name (Print): _____

Scholar Signature: _____

Date: _____

Parent/Guardian Name (Print): _____

Parent/Guardian Signature: _____

Date: _____

Parent Preferred Contact Email or Phone: _____

Please return this signed form to your instructor.