

2017-2018 6th Grade EARTH SCIENCE Syllabus

Tammy Duncan	tammyduncan@pickenscountyschools.org	http://mrsduncanswebsite.weebly.com/
Jonathan Faix	jonathanfaix@pickenscountyschools.org	http://coachfaix6thgradejms.weebly.com/
Sharon Pullen	sharonpullen@pickenscountyschools.org	http://sharonpullenjaspermiddleschool.weebly.com/
Cynthia Swisher	cynthiaswisher@pickenscountyschools.org	https://sites.google.com/pickenscountyschools.org/swisherearthscience

Textbook(s): Earth Science by McDougal Littell / other additional resources

COURSE DESCRIPTION:

The 6th Grade Georgia Standards of Excellence for science are designed to give all students an overview of common strands in earth science including, but not limited to, meteorology, geology, astronomy, and oceanography.

Sixth graders study weather patterns and systems by observing and explaining how an aspect of weather can affect a weather system. They are able to construct explanations based on evidence of the role of water in Earth processes, recognize how the presence of land and water in combination with the energy from the sun affect the climate and weather of a region. They use different models to represent systems such as the solar system and the sun/moon/Earth system. They study uses and conservation of Earth's natural resources and use what they observe about the Earth's materials to infer the processes and timelines that formed them.

COURSE OUTLINE:

The Georgia Standards of Excellence (GSE) will be implemented. For more information regarding the standards, please visit the Georgia Department of Education website at www.georgiastandards.org. The following units will be covered:

1st Semester

Lab Safety, Scientific Method, Measurement
Astronomy (Concepts 1 and 2)
Hydrologic Cycle (States of Matter)
Weather and Climate

2nd Semester

Energy
Geology (Concepts 1 – 5)

**Cumulative Benchmark Tests will be given at the end of each semester.*

GRADING POLICY:

The Pickens County Board of Education has established the following guidelines for grading in 6th grade science:

Summative (Tests / Projects)	40%
Formative (Labs / Daily Work / Quizzes / etc.)	60%

**A teacher may choose to count an activity, such as a quiz or lab, twice in the formative category.*

**Points will be deducted for late work.*

CLASS FORMAT:

Each class period will begin with a daily warm up to review and reinforce skills previously learned. The class will then consist of a variety of teaching strategies that are designed to give students optimal opportunities to gain important knowledge about the subject being learned. Students will be required to maintain a science notebook with specific handouts and cumulative information. Weekly homework which reviews previously taught concepts will be assigned and quizzed weekly. The majority of all work will be completed during class. However, sometimes additional homework may consist of reinforcement handouts, activities covering concepts introduced in class, projects and classwork not finished.

SUPPLIES NEEDED:

Pen / pencil, 3-ring binder with wide ruled paper and dividers, glue sticks and colored pencils

MAKE-UP WORK POLICY:

See the Pickens County Code of Conduct.

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Student Name: _____

Science Teacher (*please circle*): Duncan Faix Swisher

******Please sign and return this paper stating that you have read and understand the 6th Grade Science Syllabus******

Parent/Guardian Signature

Date

Student Signature

Date