Earth Science
Kent Island High School
Science Department
elective - 1 credit

Mr. Jensen M. Ed
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Room 212

**COURSE OUTCOMES:** The students will be able to explain:
“What is the universe, and what is Earth’s place in it?”
“How and why is Earth constantly changing?”
“How do Earth’s surface processes and human activities affect each other?”

**COURSE DESCRIPTION:**
This course is designed for students to learn about Earth’s place in the Universe, the surface processes that cause change and how human activity and Earth processes affect each other. This course will be taught using the three dimensions (Disciplinary Core Ideas, Science and Engineering Practices, and Cross Cutting Concepts) of the Next Generation Science Standards. Since this course is an ELECTIVE, you have chosen to take it—therefore you have chosen to abide by all class procedures and rules. It is assumed you will also complete the required work.

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**Class Expectations**

- **S**peak with respect to the teacher and your peers.
- **C**ome to class on time, ready to learn, and with all supplies.
- **I**nterruptions or rudeness is NOT tolerated. Raise your hand to speak.
- **E**xercise safety and caution when conducting experiments.
- **N**o running, yelling or throwing objects. No food or drink in lab.
- **C**heck your work carefully and pay attention to details.
- **E**xploring ideas and concepts. Ask questions to find out the right answers.

**Late Assignments**
Late assignments are those that are submitted late not due to an absence. Late work will be accepted with the following restrictions:
- Work must be turned in within 3 days of the due date (unless circumstances for an extension have been approved by the teacher and/or administration).
- Work accepted after the expected due date may be subjected to a lower grade due to lateness, not to exceed a maximum reduction of 30%.

**Makeup Policy**
School staff should adhere to the regulations and procedures regarding the allowance of make-up work when students are absent as outlined in the QACPS Student Attendance Policy (see below). Procedures for Make Up Work When Students are Absent.
1. Whenever a child is absent, it is important for the child to have access to the information presented in class.
2. The teacher will collect the work during the day while the child is absent. It will given to the child upon their return to school.
3. If the student is absent for multiple days, parents/guardians and teachers should be encouraged to communicate regarding make-up work that may be completed while the child is out of school. It is the child’s responsibility to turn in the work to the teacher.
4. Teachers can also make arrangements to have make-up work picked up by in the front office.
5. A student shall be allowed a reasonable number of days, at least equivalent to the number of days absent, to make up work.

**County Grading Breakdown**
- Final Exam (15%)
- Mastery Assessment (45%)
- Progress Assessment (40%)

Summative: tests, projects, labs; Formative: classwork quizzes, labs, homework

**Proposed Course Outline**

<table>
<thead>
<tr>
<th>Introduction/ Beyond Earth</th>
<th>Earth/Topo Maps</th>
<th>Composition of Earth</th>
<th>Surface Processes</th>
<th>Atmosphere &amp; Oceans</th>
<th>The Dynamic Earth</th>
<th>Geologic Time</th>
<th>Resources &amp; Environment</th>
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- 3 weeks (approx.)
- 1 week
- 3 weeks
- 3 weeks
- 2 weeks
- 1 week
- 2 weeks

**Materials Required**
- 3 Ring Notebook with loose-leaf paper
- 10 Dividers for notebook
- Pencils with eraser
- Blue or Black pens
- Colored pencils
- Calculator
- Fully charged laptop computer/charger
- Textbook supplied as a class copy, used as a reference tool. $65.00 replacement if lost or abused.

**No MLD Use in Class!**