BIOLOGY

Kent Island High School
Science Department
Required-1 credit

Mr. Jensen M. Ed
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Room 212

COURSE DESCRIPTION
Biology is a high school course designed to expose traditional life science topics in a variety of ways. This course will be employing the nationally approved Next Generation Science Standards (NGSS). Throughout the course of the semester, students will be exposed to real world situations meant to cause application of a variety of science skills deemed important on a national scale. This is the first science course in a series of three that are required for all students in Queen Anne’s County Public Schools to complete. The other two classes are chemistry and physics. At the culmination of the third course, students will take a state standardized exam called the Maryland Integrated Science Assessment (MISA). The MISA is a graduation requirement for all students across the state.

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>Topic</th>
<th>Time</th>
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<tr>
<td>Introduction/ sustainability</td>
<td>1 week(approx.)</td>
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<tr>
<td>Ecology: Living on Earth</td>
<td>3-4 weeks</td>
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<td>Cell Biology: World Health</td>
<td>3-4 weeks</td>
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<tr>
<td>Genetics: Feeding the World</td>
<td>3-4 weeks</td>
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<tr>
<td>Evolution: Maintaining Diversity</td>
<td>2-3 weeks</td>
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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

No MLD Use in Class!

Textbook:
- These will be issued and assigned as a class set. No textbooks will leave the classroom without a very exact plan, assignment, and return date.

Online, digital copies of the textbook are available via the website – www.sepup.org/sgi

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.
- X ercise safety and caution when conducting experiments.
- O running, yelling or throwing objects. No food or drink in lab.
- C heck your work carefully and pay attention to details.
- X plore 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. Teachers can also make arrangements to have make-up work picked up by in the front office.
4. A student shall be allowed a reasonable number of days, at least equivalent to the number of days absent, to make up work.