**Earth/Environmental Science**

**Fall 2017**

**Instructor: Christian Ryans**

**Email: Christian1.rankin@cms.k12.nc.us**

**Hopewell High School: 980-343-5988**

**Room #223**

**Office Hours: Tuesday /Thursday 2:30-3:15**

**Introduction/Goals: This science course will take the students through the Earth and its nearest neighbors in space. In this course, students will learn practical knowledge that can be applied to real world situations and information of the current environmental events that affect themselves locally and globally. Students will learn information on current issues and asked to formulate informed opinions on the state of the world.**

**Textbooks:  Students will have access to a hard copy of the textbook in class. All students will also have access to an online edition of the textbook for out of class use. If a student does not have online access and is in need of a textbook, the student will be allowed to check out a textbook with teacher permission.**

**Materials Required for the Course:**

* **2 inch Binder**
* **Binder Dividers (5)**
* **Black Pens**
* **Pencils (mechanical or standard)**

**Classroom Wish list:**

* **Hand Sanitizer**
* **Kleenex**
* **Clorox Wipes**
* **Markers**
* **Colored pencils**
* **Pencils (mechanical or standard)**

**Course Requirements: Students are required to follow all CMS and classroom policies. Classroom rules are as follows:**

1. **Be Effective**
2. **Be Respectful**
3. **Raise your hand and wait to be called**
4. ***No* use of technology without teacher permission**

**Attendance Policy: Any work that is missed will be kept in a notebook at the front of the class with the class section labeled. It is the student’s responsibility to retrieve and complete the missed work within 5 days of the original absence date. Students are only allowed to miss 10 days of this class, after which they must make up their missed class time in recovery.**

**Make-up Work:  Students are expected to make up any missed work due to absence from class.  It is the responsibility of the student to contact the teacher before or after class to discuss any assignments or a schedule a date and time to make up work. Worksheets from the missed day will be available in notebooks at the front of the classroom.  Missing a test will require that the student stay after school or before school. Any other assignments can be completed at home but students only have 5 school days to make arrangements to complete these.**

**Late work:  Students will receive a maximum of 75% grade for work showing a concerted effort if turned in by the beginning of the next class meeting.  After this, late work showing a concerted effort will receive a 50% grade if turned in prior to the first day of the published exam schedule for each quarter.**

**Test Policy: There will be tests questioning the topics, and any information that needs to be retaught for mastery of the topic. Students will be able to retake the whole test, or parts of the test that have objectives that they have not mastered. Possible retakes may be taken up until the two weeks after the test grade is given back by the teacher. In order to retake a test, students must show the necessary paperwork of review.**

**Mastery Grading:  Every student at Hopewell High School will be given an opportunity to master course objectives through a variety of strategies provided during class and outside of class.  Students’ formal grades will be broken down by specific objective.  After each formal assessment, every student will be given the opportunity to improve their mastery of specific concepts and then demonstrate this improvement to improve their grade.**

**After school tutoring: Students will only be permitted to stay afterschool if he/she shows a concerted effort in class. If the student does not show a concerted effort during class time, the student will not be allowed to stay after school for tutoring.**

**Remediation/Reassessment:  Students who score a 79% or below can retest after completing the remediation.  Students will receive the higher of the two grades for a maximum of 79%.  It is the student’s responsibility to initiate and complete the remediation and the retest process within two weeks of the original test date or make other arrangements, which are agreed to by the teacher.  The 2nd test may be in a different format, but should maintain the rigor of the initial test.  Students scoring an 80 or higher may not retake the test for a higher grade.**

**Honor Code (PBIS): Each student must acknowledge their understanding of the Honor Code by signing an acknowledgment form. The form can be located in the PBIS Manual**

* **Plagiarism, in any form, will not be tolerated. If any part of a student’s work can be found in any other**

**printed form, whether it be published or on the internet, it will result in an automatic zero on the**

**assignment and referral to an administrator**

* **Cheating is defined as students using someone else’s work to complete his/her own.**

**Study tips:**

* **Students are expected to study for 10 – 15 minutes each night. This is to make sure that the information remains in the students mind and that they are ready for the warm up each day at the beginning of class. If studying 10 – 15 minutes does not seem to produce the desired results, it is suggested that the student study for additional time (15 – 20 minutes) as well as rewrite the day’s notes.**
* **Notecards are not required but have been shown to help students remember terms.**

**Grading Policy:**

**CMS & State of NC Grading Scale:**

**A: 90-100**

**B: 80-89**

**C: 70-79**

**D: 60-69**

**F: < 59**

|  |  |
| --- | --- |
| **30% of Quarter Grade** | **70% of Quarter Grade** |
| **Informal assessments must be linked to specific objectives and include a variety of assignments such as warm-ups, notebook checks, quizzes, group work, in-class tasks, class participation, etc.** | **Formal assessments must be linked to specific objectives and include a variety of assignments such as tests, comprehensive writing assignments, projects, etc.** |

**\*Grades will be updated regularly on PowerSchool.  Please follow your child’s progress using this tool. I will not be contacting you regarding your child’s grade unless there is a drastic change in their performance.  If you do not have internet access please contact me if you would like an update.**

**Subjects Covered:**

**Population and Ecology and Biomes**

**State Standard:  EEn.2.7.1; EEn.2.7.2; EEn.2.7.3**

**Astronomy**

**State Standards: EEn.1.1.1; EEn.1.1.2; EEn.1.1.3; EEN.1.1.4d**

**Lithosphere (Rocks, Weathering, Erosion and Soils)**

**State Standards: EEn.2.1.1; EEn.2.1.2; EEn.2.1.3; EEn.2.1.4**

**Geosphere (Plate Tectonics, Layers of the Earth, Earthquakes, Volcanoes)**

**State Standards:  EEn.2.8.3; EEn2.8.4**

**Hydrosphere**

**State Standards:  EEn.2.5.1; EEn.2.5.2; EEn.2.5.3; EEn.2.5.4**

**Atmosphere**

**State Standards:  EEn.2.6.1; EEn.2.6.2; EEn.2.6.3; EEn.2.6.4; EEn.2.5.5**

 **Environmental Impacts and Energy Sources**

**State Standards:  EEn.2.8.1; EEn.2.8.2; EEn.2.8.4**

***Signatures for Earth/Environmental Science: Mrs. Ryans***

**Student Section**

**I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ agree to the terms and policies that have been outlined in the sections above. The instructor has explained them to me. I am responsible for my own actions and any failure to comply with the rules set forth by the instructor.**

**Student Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent/Guardian Section**

**I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please print your name) have read through the provided syllabus and understand what is expected of my student in this course. If I have any questions or concerns, I will contact the instructor immediately to address these concerns. My student is responsible for his or her own actions in this classroom.**

**Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Please print your email address clearly to be sure or prompt and accurate responses)**