

Earth Science

2017-2018

Mr. Nissle

Email: tnissle@campverdeschools.org

Phone: 928 567 8035

Course Description: This course is intended to cover Arizona State Earth Science Standards. Topics studied include heat, hydrology (water), geology, oceanography, meteorology (weather, climate, and the atmosphere), paleontology (fossils), astronomy (our solar system), and our relationship with the environment (including other non-human living organisms). Additional more delineated topics include (1) carbon cycle, (2) water cycle, (3) rock cycle, (4) plate tectonics, (5) hydrosphere, (6) biosphere, (7) lithosphere, (8) cryosphere, (9) convection, (10) conduction, (11) radiation, (12) earthquakes, (13) volcanoes, (14) severe weather (hurricanes, supercell thunderstorms, and tornadoes), (15) Coriolis effect, (16) factors that determine climate and weather, (17) phases of the Moon, (18) geologic dating techniques, (19) the speed of light, (20) fusion, (21) the origination of life, (22) constellations, (23) the magnetosphere of Earth, and (24) the solar nebular hypothesis. Another specific goal of the course is to exercise your logical thinking ability in the context of Earth Science to assist in making decisions regarding your own lives.

Course Requirements: You will be responsible for bringing a LECTURE NOTEBOOK to class each day. You will enter information in this NOTEBOOK. Information you will be responsible for knowing will be in this notebook. You will essentially write your own textbook in this notebook. The work recorded in this notebook is 40% of your semester grade.

Class Assignments: All assignments will be turned in on time. Turning in an assignment one day late will result in a highest possible grade of 50%. Assignments turned in after the late day result in a zero.

Participation: Be prepared for class each day and contribute to class discussions.

Attendance: Attendance is crucial to your success as a student. If you are absent from class you are responsible for obtaining from another student lecture notes, lab sheets, etc. from the class that you missed. UNIT EXAMS and most quizzes can be made up within a few weeks.

Quizzes and Exams: At the beginning of nearly every class a quiz is given reviewing the material covered in the prior class. UNIT EXAMS will be given at approximately three to four week intervals. On UNIT EXAMS and quizzes, you may use your LECTURE NOTEBOOK, EARTH SCIENCE TEXT BOOK or any other notes you have. You may not use these items on the FINAL EXAM.

Textbook: National Geographic: Earth Science

Student Conduct: Be prompt, be prepared, be productive, be respectful, and be polite.

Procedures:

1. Work from bell to bell.
2. Follow the class schedule. It is posted and normally will not change.
3. Remain seated at your desk during class lectures and discussions.
4. Avoid communicating with other students unless part of a class activity.
5. Adhere to administration rules and guidelines.

Grading Scale:

Lecture Notebooks	40%
Unit Exams/Quizzes	40%
Final Exam	20%

Supplies: Mr. Nissle is providing you with a notebook to begin the course. This notebook currently costs less than a dollar at Walmart. **Please purchase another one of these notebooks.** After you complete the first notebook, you may need to begin to use the additional notebook that you purchase.

We have read the syllabus and understand the above policies.

Parent/Guardian Name (Please print) _____ Date _____

Signature _____ Date _____

Student Name (Please Print) _____ Date _____

Signature _____ Date _____