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| **Earth Science 11**  **Course Outline** |  | **Name: Date: Block:** |

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**Mrs. Van Vliet**

Email: [jvanvliet@deltasd.bc.ca](mailto:jvanvliet@deltasd.bc.ca)

Website: <http://mrsvanvliet.weebly.com/>

Room 206

Welcome to Earth Science 11! Over the next tenth months, we will be studying many of the disciplines in earth science including astronomy, mineralogy, geology, volcanology, seismology, oceanography, meteorology, and paleobiology. This course will give you an introduction to the very diverse field of Earth Science!

The following is a list of the units we will be covering in the course:

1. Interior Processes
   1. Plate Tectonics
   2. Volcanoes
   3. Earthquakes
2. Astronomy
3. Atmospheric Science
4. Oceanography
5. Earth Materials
   1. Rocks & Minerals
   2. Weathering & Erosion
   3. Resources & Mining
6. Geologic Time

Supplies & Equipment

Please bring the following supplies to class each day:

* 1.5-2” binder
* Lined paper
* Pencil
* Pen
* Textbook
* Dividers

There is an electronic version of the textbook available at [www.classzone.com](http://www.classzone.com)

* username: sdssstudent password: volcano

Divider Sections:

1. Intro/Final
2. Interior Processes
3. Astronomy
4. Atmosphere
5. Oceanography
6. Earth Materials
7. Geologic Time

Assessment

Your mark in this course is cumulative and based off of the following:

* Assignments 50%
* Tests & Quizzes 40%
* Final Project/Exam 10%

Assignments may be re-submitted for higher marks.

To be eligible to improve an assignment, you must:

* Have submitted your original assignment on time
* Complete it during flex time
* Attach your improved assignment to your original assignment
* Submit your improvements within 1 week of the date the assignment was handed back to the class

Not all of your work will receive a traditional “mark”. Periodically, I will assess your work and assign it one of four categories:

|  |  |
| --- | --- |
| Incomplete (INC)  or  Not Meeting Expectations (X) | Fails to meet the basic criteria of the assignment or activity. On an assignment with a series of questions that can be marked as either correct or incorrect, this represents less than 50% correct. Consistently working at this level will not result in successfully completing Earth Science 11. |
| Minimally Meeting Expectations (✔-) | Meets the very basic criteria of the assignment or activity, but achieves little more than that. On an assignment with a series of questions that can be marked as either correct or incorrect, this represents over 50% correct (around C-level work) |
| Meeting Expectations (✔) | This is solid, competent work that accomplished the goals of the assignment or activity. This work isn’t remarkable, but it does demonstrate a basic understanding of the underlying concepts. On an assignment with a series of questions that can be marked as either correct or incorrect, this represents over 70% correct (around B-level work) |
| Fully Meeting Expectations (✔+) | This is either extremely thorough work, or work that soars “above the average” in some way. Work at this level could be shown to others as a demonstration of how to do a particular assignment or activity well. On an assignment with a series of questions that can be marked as either correct or incorrect, this represents over 85% correct (around A-level work) |

Your work habits mark is based off of the following rubric:

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| --- | --- | --- | --- |
|  | **Good (G)** | **Satisfactory (S)** | **Needs Improvement (N)** |
| **Attendance** | No unexcused absences |  | Unexcused absences |
| **Punctuality** | On time to every class | One or two late arrivals | Frequently late to class and/or late by several minutes |
| **Supplies** | Always brings supplies | Occasionally has forgotten supplies | Frequently does not bring supplies |
| **Use of Class Time** | Gets to work quickly; remains on task. Always takes part in classroom activities. | Works well as directed and generally remains on task. Takes part in classroom activities. | Slow to get started, must be supervised constantly or goes off task. Avoids taking part in classroom activities. |
| **Personal Technology** | Personal technology is not a distraction in class | Periodically checks personal technology, but generally stays on task | Is frequently distracted by personal technology |
| **Attitude & Participation** | Shows interest in class; offers constructive ideas. Participates in class discussions | Is generally accepting of class activities and displays a positive attitude. Occasionally raises hand or responds when called upon. | Often brings a negative attitude to class; complains and/or goes off task. Does not participate in class discussions |
| **Homework** | Work if always fully completed; evidence of home study of tests/exams | Regularly completes work to an acceptable quality. Some evidence of home study | Frequently incomplete and/or shows minimal effort. Evidence of home study is rare. |
| **Responsibility** | Accepts feedback and takes responsibility to improve. Work is submitted on time. Student is present for due dates of presentations and tests. | Responds to feedback and makes corrections when directed. Some missed deadlines. Some absenteeism for due dates, presentations and tests. | Responds poorly to feedback and avoids doing remedial work. Is frequently absent for due dates and presentations. Frequently submits work late. |
| **Integrity** | All work is original and student does not facilitate copying/cheating. | All work is original and student avoids letting others copy/cheat. | Work is not original and/or student facilitates copying/cheating |

Expectations

My expectation is that you will contribute to a classroom atmosphere of mutual respect, where the opinions and thoughts of others are valued, listened to, and respected. Please arrive on time, leaving mental and physical distractions at the door.

1. Communication

* If you need to reach me, please email me at [jvanvliet@deltasd.bc.ca](mailto:jvanvliet@deltasd.bc.ca). I will do my best to respond as soon as possible, but I will not be checking my email regularly on evenings or weekends. Don’t leave questions until the last minute.
* There is scheduled catch-up time during Flex Time. If you missed notes or a daily activity due to an absence, please see me during this time. For general queries or extra help, see me anytime before school, at lunch or after school (room 206). Remember that you are in control of your education…look out for yourself and your learning!

1. Attendance

* Regular attendance is essential to success in a senior science course. Being in class allows you to follow the flow of the lesson and understand the over-all processes and steps of each topic. When absent, it is your responsibility to find out what you missed. My expectation is that all assignments, labs and projects will be handed in by the assigned due date
* If you are absent:
* Look up the notes and assignments on <http://mrsvanvliet.weebly.com/>
* Ask a friend

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Ask the teacher

Before/After School/Lunch (Room 206) Email: [jvanvliet@deltasd.bc.ca](mailto:jvanvliet@deltasd.bc.ca)

* Please be respectful of your classmates and teacher by arriving on time. If you are late, please knock quietly on the closed door and wait patiently until I answer

1. Late Assignments

* My expectation is that all assignments will be submitted on time. Extensions may be granted to students who communicate with me in advance and have valid reasons for their lateness. In the event that late work is submitted after completed assignments are handed back to the rest of the class, your work may be:
  + - Omitted
    - Marked collaboratively (you and me)

1. Safety
   * Equipment and chemicals in the lab environment can potentially be dangerous or poisonous. For this reason, no food or drink is allowed in the classroom or lab when experiments are being performed
   * Be careful at all times, and report all accidents to me immediately
2. Academic Integrity

* As per the student agenda, cheating and plagiarism are strictly prohibited. All student work, including homework assignments, should be completed in your own words. Projects involving research should include an APA-style works cited.

1. Electronics

* Cell phones, music players and other electronic devices should be turned off and kept out of sight at all times as to not impair your learning. I will let you know when you will need electronic devices for educational purposes

**Student Information**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian (Emergency Contact): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you have any allergies or medical concerns that I should be aware of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you have any learning concerns that I should be aware of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why did you take this course? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are you taking/have you taken any other science courses? *(Check all that apply)*

* Physics 11
* Chemistry 11
* Biology 11
* Science & Technology 11

What math course are you taking?

* Pre-Calculus 11
* Foundations 11
* Apprenticeship & Workplace 11

What is your goal mark for this course? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What steps will you take to reach that goal?

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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Tell me something interesting about yourself ☺ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In 5-6 sentences, describe something about the Earth that you have always been interested in or wondered about. Why is it interesting to you?