**Earth Science 11**

**Teacher:** Ms. Wilson,Room A202.

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**Website:** wilsonswebpage.com

**Textbook:** Heath Earth Science

*Keep this outline in the front of your binder to refer to throughout the year.*

**REQUIRED MATERIALS:**

* Pen/pencil/eraser
* Binder with lined paper and dividers
* Calculator

**CLASSROOM EXPECTATIONS:**

1. **Social responsibility**:
* Treat others and your environment with kindness, dignity and consideration. Be kind. Be helpful. Be safe.
1. **Personal responsibility**:
* **Come prepared:** Arrive on time, with all necessary supplies, ready to work.
* Follow all safety procedures.
* **Own your learning**: Stay on top of your work, recognize when you need to ask for help, and give it your all.
* **Absences:** All absences must be excused by a parent/guardian who calls the office before school starts on the day you are absent. If you miss a class, students are responsible to find out what was missed and get caught up in a timely fashion by checking the schedule at[**http://www.wilsonswebpage.com**](http://www.wilsonswebpage.com)**.**
* **Homework:** Expect regularly assigned homework to work on both in class and at home. Homework is to be completed and ready to be checked or handed *in at the beginning of class.*Late assignments will negatively affect the student’s work habit grade. *Late work will not be accepted if it does not meet the minimum requirements of a passing (50%) assignment*.
* **Cell phones:** Cellphones are not permitted during instructional time and are expected to be left in your backpack and turned off during class time. *Students caught using a device during instruction may have it removed from their person and placed on the white board ledge until the end of class.*Students may use cell phones to listen to music during independent work time only after asking for teacher permission

**MARKING BREAKDOWN: WEIGHTING:**

|  |  |
| --- | --- |
| Tests and Quizzes | 65% |
| Projects  | 20% |
| Homework and Labs | 15% |

|  |  |
| --- | --- |
| Term 1 | 33% |
| Term 2  | 33% |
| Term 3 | 34% |

**COMPETENCIES (SKILLS) YOU WILL BE DEVELOPING:**

* Questioning and predicting
* Planning and conducting
* Processing and analysing data and information
* Evaluating
* Applying and innovating
* Communicating

**CONTENT YOU WILL LEARNING:**

|  |  |
| --- | --- |
| Lab Safety | Safety Rules, WHMIS Symbols, Equipment |
| Earth Materials | Rocks and Minerals, Resources |
| Mapping | Longitude and Latitude, scale, topography |
| Surface Processes  | Weathering and Erosion, Water Cycle |
| Internal Processes  | Plate Tectonics: Layers of the Earth, Volcanoes, Earthquakes |
| Atmosphere | Weather: Air Masses, Fronts, Wind, Air Pressure, Clouds. Climate |
| Oceanography | Ocean Currents, Density, Salinity, Relationship to climate |
| Space | Formation of the universe, stars, solar system, moon |
| Geologic History | If time |