Geology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PLATE TECTONICS UNIT – Summative Assessment Outline**

* ***Your assignment:*** Choose **one or more** of the following tasks to complete to show your understanding of our Plate Tectonics Unit.

**Reminder** – you must complete a minimum of **three (3) tasks in each category** **(A, B, C, D)** over the entire year.

* ***Tasks*:**

|  |  |  |
| --- | --- | --- |
| Create a **graphic organizer** (*mind map/concept map/etc)* on Plate Tectonics, designed to teach my Earth Science 11 students.**Category A** | Take a standard written **test** on Plate Tectonics. Study your notebook…**Category A** | Design and **build** your own written **test and answer key**, to use with my Earth Science 11 class.**Category A** |
| Create your own **hypothetical alien world**, and design a map showing its Plate Tectonics.**Category C** | Investigate how Plate Tectonics has shaped and influenced a **specific location** on the Earth.**Category D** | Build a working **model** to explain how Plate Tectonics works.(*physical or digital*)**Category D** |
| Investigate the impact of Plate Tectonic on the **distribution of animal and plant** on the Earth.**Category D** | Explore Plate Tectonics on **other planets**.**Category D** | Explore the concept of **Icy Plate Tectonics**, and compare it to Earth’s rocky Plate Tectonics.**Category D** |
| Design your own task that investigates Plate Tectonics!Check with Bond for approval…**Category A, B, C, or D.** |

* ***Format:***
* You can show your understanding of Plate Tectonics with these tasks in **any format** you choice:

*(Report, presentation, creative writing, film, model, poetry, art, song, drama*, *music, skit, etc…)*

* If working with a partner/group, you must ADDITIONALLY submit **your own** evidence of understanding of Plate Tectonics. This will have more weight when I assess your understanding.



**Category A – Knowledge and Understanding**

**Category B – Inquiring and Planning**

**Category C – Evaluating, Applying, and Innovating**

**Category D – Communication and Research**

* **Your Assignment Plan:**

|  |  |
| --- | --- |
| **What is your Project Idea(s)?** |  |
| **What Category(s) will be assessed?** |  |
| **When will it be due?** |  |
| **What problems do you predict?** |  |

**Summative Assessment Rubric**

|  |  |
| --- | --- |
| **Score** | **What it means** |
| **7** | In addition to Score 5 performance, in-depth inferences and applications that go beyond what was taught. Very few errors. |
| **6** | In addition to Score 5 performance, partial success at inferences and applications that go beyond what was taught. |
| **5** | No major errors or omissions regarding any of the information and/or processes (simple or complex) that were ***explicitly*** taught. |
| **4** | No major errors or omissions regarding the simpler details and processes and partial knowledge of the more complex ideas and processes. |
| **3** | No major errors or omissions regarding the simpler details and processes but major errors or omissions regarding the more complex ideas and processes |
| **2** | Partial knowledge of the simpler details and processes but major errors or omissions regarding the more complex ideas and processes |
| **1.0** | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes |
| **0.5** | With help, a partial understanding of some of the simpler details and processes but not the more complex ideas and processes |
| **0.0** | Even with help, no understanding or skill demonstrated |

**YOUR SCORE:**

* Category \_\_\_\_\_ = \_\_\_\_\_\_
* Category \_\_\_\_\_ = \_\_\_\_\_\_