**Review Project (Units 1-7) Due Date: Monday Dec 17th**

**Directions**:

You will be using your knowledge of Earth Science so far to create an interactive project for others to use/learn from. Pick (circle one) of the choices below and complete the project listed.

**Purpose**: To analyze your abilities and give you time to review old material to avoid cramming!

|  |  |  |
| --- | --- | --- |
| **Calendar Questions**  For each day of December, create a mixture of multiple choice, short answer and vocabulary based questions based on Units 1-7  When complete, you must answer them.  The calendar must be colorful and hand-written.  These questions must be rigorous.  (Not so easy that a 5th grader can answer them!) | | **3D model of a Concept**  For one of the following concepts create a 3D model:   1. Earth’s Motions (Barycenter, Rotation and Revolution) 2. Plate Boundaries (Divergent, Convergent, Transform) 3. Ocean Currents   On the model, everything must be labeled and explained.  I should not need to ask you any questions. |
| **Rap song for a concept**  Write and perform a rap song about one of the following concepts:   1. Earth’s Motions 2. Air Masses & Fronts 3. Beginning of the Universe 4. Plate Tectonics 5. Earthquakes 6. Mass Movements | 1. Ocean Currents 2. Water Quality   Performing means you will record the song on your phone and emailed to Ms. B so I can hear it.  Must include ALL details from that concept - check with Ms. B before recording | **Short Answer Test Questions**  Imagine you are the teacher and you have to develop a grade level, rigorous test for your peers.  Create 8 short answer questions and answer them. The response for each question should be 3-5 sentences.  Use any of the information from Units 1-4 |
| **Fictional story about a concept**  Write a 3-6 page story using key vocabulary for one of the following concepts:   1. Greenhouse Effect 2. Air Masses & Fronts 3. Density of Water & Air 4. Beginning of the Universe | 1. Continental Drift Theory 2. Plate Tectonics 3. Weathering 4. Ocean Currents & Weather   Story can be typed or handwritten, it can also be comical. | **Game for Concept**:  Develop a possible board game or computer game idea to review all the units so far.  Include:  Instructions  Possible play cards  At least 12 mock questions(mixture between multiple choice and short answer) Answer the mock questions  Possible game board |

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**Review Project Rubric**

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| **Category** | **Possible Points** | **Points Earned** |
| **All directions in the instructional box met**  **Includes:** | **See Below** | **See Below** |
| * **Required question minimum met** | **15 points** |  |
| * **Details are specific** | **20 points** |  |
| * **Details are accurate** | **10 points** |  |
| * **Conceptual information explained and at grade-level - no easy questions** | **15 points** |  |
| * **Key vocabulary is used and explained (Use flashcards, notes and powerpoints to assist)** | **15 points** |  |
| **Check Points (Each Day that you have time to work, if you show effort and progress you receive credit)**  **Will be checked: December 6th, Dec 10th, Dec 12th & Dec 14th** | **20 points** |  |
| **Creativity - your work is not rushed, colorful, neat and legible** | **5 points** |  |
| **Total** | **100 points** |  |
| **Late Projects (-10 each day)** |  |  |

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