



Inside Earth Project

December 4, 2007

Dear Parents/Guardians:

Your child is required to complete a project demonstrating what they have learned during the chapter, *Plate Tectonics*. They have a choice of three projects.

- An "Inside Earth" board game
- A 3-dimensional model of Earth's interior
- A model depicting the three boundaries (plate tectonics)

The criteria for this assignment must include the following:

- The **board game** must include:
 - A colored sketch and description
 - (Due Wednesday December 12th)
 - An appropriate "Catchy Title"
 - Game Board on a sturdy surface
 - Game Pieces
 - Game Cards made of card stock or oak tag
 - User friendly directions and rules
- **Layer of Earth model** must include:
 - A colored sketch of the model and explanation of the material choices
 - (Due Wednesday December 12th)
 - Accurate representation of the 3 layers of Earth and sub-layers
 - Layers and sub-layers must be clearly labeled and described
 - Model must be proportional to the actual layers of Earth's interior
- **Plate tectonic model** must include:
 - A colored sketch of the model and explanation of the material choices
 - (Due Wednesday December 12th)
 - Accurate representation of convergent, divergent, and transform boundaries, clearly labeling each boundary and processes including sea-floor spreading, subduction, etc.
 - Factors caused by plate activity, such as earthquakes and volcanic eruptions

Project Timeline

Assignment	Due Date	Points
Parent Signature	Thursday, December 6 th	20 Points
Sketch and Description	Wednesday, December 12 th	50 Points
Progress Survey	Wednesday, December 19 th	30 Points
Final Project	Wednesday, January 9 th	200 points

Rubrics and web resources for this project can be found at mrconant.org in the "Inside Earth" WebQuest.

After reviewing the guidelines of this project, I have chosen to complete (please circle choice):

- An "Inside Earth" board game
- A 3-dimensional model of Earth's interior
- A model depicting the three boundaries (plate tectonics)

I have discussed this project with my parent/guardian and have selected a project.

Student Signature

Date

I have reviewed the guidelines for this project and have discussed them with my child.

Parent/Guardian Signature

Date

Thank you for your support.

Sincerely,

Grade 6 Science Teachers