Dinner Menu Project: From Continental Drift to the Theory of Plate Tectonics

Name: _______________________________________________________ Mods:________________________________

Appetizer (Everyone Shares and Will Have One)

- Project Plan
  - Each student will map out their plan for starting and finishing their project.
  - Details will include:
    - What project options are you going to complete?
    - What do you plan to focus and have finished each day?
    - Will you need any materials?
    - What resources are you going to use to get your information?

One Main Entrée (Select One)

- Create a PowerPoint
- Design a Tri-fold Poster
- Create a story book
- Design a website
- Write a newspaper or magazine
- Design a board game
- Write a 3+ page research paper
- Make an informational brochure
- Other (with approval): _____________________________________________

OR

3 Choice Sampler (Select Three)

- Write a song/rap
- Create a test to assess the teacher's knowledge of plate tectonics, continental drift, and sea-floor spreading
- Write a poem
- Journal entry pretending to be Harry Hess or Alfred Wegener (at least one page)
- With a partner, create and perform a skit showing how scientists went from the theory of continental drift to sea-floor spreading to plate tectonics
- Make a pretend interview between Harry Hess, Alfred Wegener, and a geologist from today
- Create a collage (with at least a 2 paragraph description explaining your art)
- Design an advertisement
- Other (with approval): _____________________________________________
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To help you with your project(s), I have included the following guidelines that should help you figure out what information you need to have in order to get all of the points.

Remember, no matter what options you choose, you must make sure that your project(s) include the following information and details:

- **Appetizer: Project Plan (5 points)**
- Explain how geologists started at continental drift and ended up at the theory of plate tectonics (10 points)
  - How did they build up to what we accept today as the theory of plate tectonics?
  - How does everything we learned so far play a role?
- **Alfred Wegener and his contribution (3 points)**
- **Harry Hess and his contribution (3 points)**
- **J. Tuzo Wilson and his contribution (3 points)**
- **The theory of plate tectonics (10 points)**
  - Also include: Convergent, divergent, and transform boundaries
- **Evidence for sea-floor spreading and subduction (10 points)**
  - Magnetic Strips on rocks/pole reversals
  - Drilling samples
  - Molten material
- **Pangaea/evidence for Pangaea (10 points)**
  - Puzzle-like fit of continents
  - Fossil distribution/evidence
  - Glacial marks to show climate change
- **Resources**
  - what did you use for your information? *If using a website, you must provide the EXACT URL link and have it pre-approved by Mrs. Prokopchuk BEFORE you begin your work (6 points)*
- **Effort**, turning your project in when it is due, overall attractiveness (5 points)

Total Points: 65

Project is due: ___________________________________________