

How is the Earth Changing? Case Study Overview and Project

Timeline

There will be a fair amount of independent work time, think about how you will self-manage with your partner to meet the daily product goals☺!

| Day | Topic | Product |
|-----|--|--|
| 1 | Assigned Case Study Site. Start research. Take C-notes on findings | C-Notes |
| 2 | Continue Research using websites teacher selected or your own. Complete C-notes. | Finished C-notes |
| 3 | Use research notes to create "Google Slide Show" presentation | Presentation started 3 of 8 slides completed WITH script |
| 4 | Finish Preparing Presentations Start Presentations | Presentation done with 8 slides completed WITH script |
| 5 | Possible extra day of Presentations | |

Google Slides Presentation—Slides

You will be given a template for the Google Slide Show via Google Classroom. Slides should include reference to the scientific principles we've learned over the course of the unit. Each slide should contain 15-20 words.

| Slide # | Slide Content: 15-20 words max | Explanation |
|--|---|---|
| 1. Title | The title page should include the name of your site and a picture. | |
| 2. Location | World map with location of your site highlighted | Descriptive information that refers to continents, oceans, countries |
| 3. Features (Evidence) | Images of the features found at your site | Describe the features (landforms) found |
| 4. Plates | Tectonic plate map with your site highlighted | <ul style="list-style-type: none"> Name of Plate(s) Type of Plate(s) O or C Density of Plate(s) high/low |
| 5. Plate Interaction: (Claim) | Image showing and words describing the type of interaction happening at your site | <ul style="list-style-type: none"> Describe in detail of plate movement and boundary (1 of the 7 types) |
| 6. Connect Interaction to Evidence (Reasoning) | Image and words with both features and plate interaction | <ul style="list-style-type: none"> Describe how the plate interactions cause the features Include direction of movement |
| 7. Interesting Information | Varies. Could be a map of EQ and Vol activity, other interesting facts about the location etc | Could include: description of recent events or future events, impact on humans, interest to a tourist, history in terms of continental drift, current research at site. |
| 8. Question | Questions—at least one | Describe what questions you still have and why they are interesting or important |

Use the following resources to get information about your site.

1. **Google Maps:** Find your location on the map. Make sure you use satellite view—what features can you see?
2. **Elevation Map:** (in notability maps section) What is the elevation like at your site?
3. **Earthquake, Volcano and Plate Map:** (in maps in notability) Where is your site? What events happen at your site?
4. **Labeled Plate Map with Directions** (Ms. Hohenemser's website from 2.25.20) Where is your site? On a boundary? In the middle of a plate? What kind of plate? How do the arrows help you understand what is going on at your site?
5. **List of website Resources:** On Ms. Hohenemser's website 2.25.20