

WIESE SPECIAL HOMEWORK ASSIGNMENTS

**All homework projects may be turned in early, but will not be accepted late.

Each homework project is treated as a quiz. You may use it to replace any other quiz score.

Geology:

Assignment	Due Date*
HW 1: Mountains Somewhere in World – Plate Tectonics Setting <i>Pick a mountain range somewhere in the world. Describe how the mountain formed and what's special about it and why. Tell us what makes this location geologically interesting!</i>	1 week before first exam (at beginning of class)
HW 2: Minerals & Rocks <i>Pick a mineral or rock of any kind. Tell us how it forms and where it's found. Tell us what makes this rock or mineral geologically interesting!</i>	1 week before second exam (at beginning of class)

Oceanography:

Assignment	Due Date*
HW 1: Oceanic Seafloor Location – Plate Tectonics Setting <i>Pick a location in the oceans (islands or seafloor features OK). Classify it according to its plate tectonics location and describe the features found there and their origins. Tell us what makes this location oceanographically interesting!</i>	Last class before first exam (at beginning of class)
HW 2: Pollution or fishing industry <i>Pick a particular type of pollution or fishing/commercial industry in the ocean (plastics, radioactive waste, offshore oil, Bluefin Tuna, Shrimp Farming). Describe its story – how humans are impacting global oceanic systems and how the ocean is responding.</i>	Last class before third exam (at beginning of class)

Assignment structure:

- Spend some time researching your topical choice (see above for categories) through journals, papers, or online. **(Keep track of sources and record on cover page – see attachment).**
- Create a short creative project that communicates what you've learned. Examples: children's story book, art piece, poem, short story, written science summary, blog piece, PPT slides, game, etc. (Review online samples of previous assignments.)
- Your final product to be handed in needs to be in a format that can be accessed online – so it needs to be an electronic file or printed paper that can be scanned. Acceptable electronic files include: .pdf, .jpg, .doc, .ppt, .html. (Depending on your project, you might need to take photographs and then describe what you did.) Be sure that any images you use are properly cited.
- The length of your project depends on you, but it should take me no more than 5 minutes to review/read it.
- I prefer that you turn in your project in electronic form (on a CD or thumbdrive that I will return to you). You can also e-mail it to me, if it's under 5 Mb.
- Each assignment has to be submitted with a cover page and grading rubric (see attached).
- REQUIREMENT – your submission must be your OWN work, whether in words or images. *(If it is discovered that you are using other people's words or images or work without giving them credit, you will not only get a 0 for this assignment, but a letter of reprimand in your student file. Since you can drop 2 quizzes, of which these assignments count, take the drop before cheapening your integrity.)*
- Assignment should drill down into the details and specifics of your topic, rather than a general overview.

Assignment review

TOP assignments will be, with the permission of the author, placed online as examples for future students and for classmates to review.

WIESE HOMEWORK COVER PAGE

Student Name: _____

If your project is chosen to be put online, do you give permission to do so? (Circle: Yes / No)

If your project is chosen to be put online, do you give permission to use your name? (Circle: Yes / No)

Signature and date (if answers are YES): _____

Date received: _____

Description of assignment (so that if it is lost from cover page or can't be attached, I know whose it is!).

Also include here any explanation required for me to grade your work:

ALSO INCLUDE ALL REFERENCES (unless cited in your work).

WIESE HOMEWORK MASTER GRADING RUBRIC

Student name:		
Grading area	Grade	Grade
Effort	2 pts if effort clearly put into project 1 pt if moderate effort was put into project 0 pts if the assignment clearly was copied or put together at the last minute	
Content	2 pts if the content is accurate and there is a sufficient amount of it 1 pt if there is minimal content 0 pts if no actual scientific content is included	
References	2 pts if all work and graphics are properly cited 1 pt if all references/citations are weak or not correctly attributed 0 pts if references are missing	
Communication	2 pts if the project clearly communicates a message 1 pt if some of the project's message is difficult to understand 0 pts if it is difficult to understand any of the message of the project	
Enjoyment factor/creativity	2 pts if the project energizes the audience and engages them, pulls them in 1 pt if the project is moderately engaging/creative 0 pts if the project is not engaging at all	
	TOTAL	

Comments?