

## Lost... Project Discussion Topics from Zoom Meetings - 3/26 & 3/27

- 1) eBooks – check UPDATED eBooks resource page on class website. SUPER GOOD INFO on this handout!!
- 2) My advice for “what do we need to know that we don't know that we need to know?”
  - a) My first thought is that you may not starting the writing soon enough. I'd say you need to be done with Phase 1 of your research pretty soon and now be moving on to how you are going to use things. It may still involve another phase of research, but it will be more specific to certain topics. – like how to specifically get a certain thing you need for survival.
  - b) And then, don't forget you've got to give yourself TIME to write your paper and TIME to put together your sources copies and TIME to compile your Works Cited. Students tell me that it takes way longer than they anticipated, so my advice would be to compile them both as you go and then just tweak it at the end.
  - c) Chemical names need to be sourced. When you talk about a chemical in your paper, you may need to have TWO sources – 1) how you knew what the chemical was (*make sure the name/formula is in your source!!*) and 2) a source for the reason for taking/not taking it.
- 3) Where are you? Where can you find info on Nishinoshima Island?
  - a) Search “smithsonian volcanism program” and search their Database for your volcano”
  - b) Search “MODVOLC” and search your volcano. This gives an almost realtime view of your location!
  - c) Search for past history of this place, what it looked like before, how it changed if there was an eruption, etc. For example, search <https://earthobservatory.nasa.gov/>
  - d) Search similar areas – places where the same kind of thing happened, for info on vegetation, etc.
  - e) CLIMATE info – Google “nishinoshima volcano island climata data”. It will lead you to a good site for climate data. Lots of ads, but also lots of good info.
- 4) “Can we assume nothing was damaged?”

Remember you are a McGyver type chemist. McGyver would be prepared so that whatever came in contact with water wouldn't be damaged. You can make that work – waterproof backpack, etc!!
- 5) I'd be very careful with “materials I will not use”! There's a reason for taking everything - or a reason why you do not want to take some things because they would be harmful.

Don't ever fall into the trap of saying, “I'm not going to take it because it does ..... and I don't need that.”
- 6) Don't forget packaging. Not only can you use the items on your list, consider that you also use the container/package that it's in!