**Honors Earth/Environmental Science**

**Study guide: Ecology, general topics from this past week May 18, 2019**

* **Be able to explain how we progress from producer to primary consumer to secondary consumer to tertiary consumer to decomposer**
  + **This would also necessitate being able to explain the differences in producers/autotrophs and heterotrophs of different levels**
* **Be able to explain the difference between atomic fusion and fission**
  + **What elements, typically?**
  + **Where?**
  + **Issues with humans and the process**
* **What effects do humans have on the lithosphere? Hydrosphere? Atmosphere? Biosphere?**
* **Explain the formation of heat islands and the consequences of them**
* **Be able to explain how human population growth affects our resources**
* **Be able to explain the difference between biotic and abiotic factors**