**What is climate change?**

* It includes intensity and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of weather events; can be regional or global
* Is climate change the same as global warming?

**Global warming:** Greenhouse gases (GGs) trap heat in the atmosphere and help maintain a “healthy” global temperature. GGs are ***naturally*** present in the atmosphere.

* Greenhouse Gases
* Greenhouse Effect

**The Big Picture:**

**So what is Ozone?!**

* CFCs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Why do we need ozone?

**Human Impact: AKA How have humans messed up the planet?**

* Soil erosion:
  + What is it?

* + What prevents it?
* Desertification
* Overfishing
  + What is bycatch?
* Pollution
  + DDT is a pesticide that was used in the United States until we discovered that it affected birds, too.
  + The Garbage Island is an accumulation of trash (mostly plastic) in the Pacific Ocean.
* Acid Rain
  + Caused by:
  + What does it affect?
* Biodiversity: the diversity of life
  + Threats to biodiversity