20/20

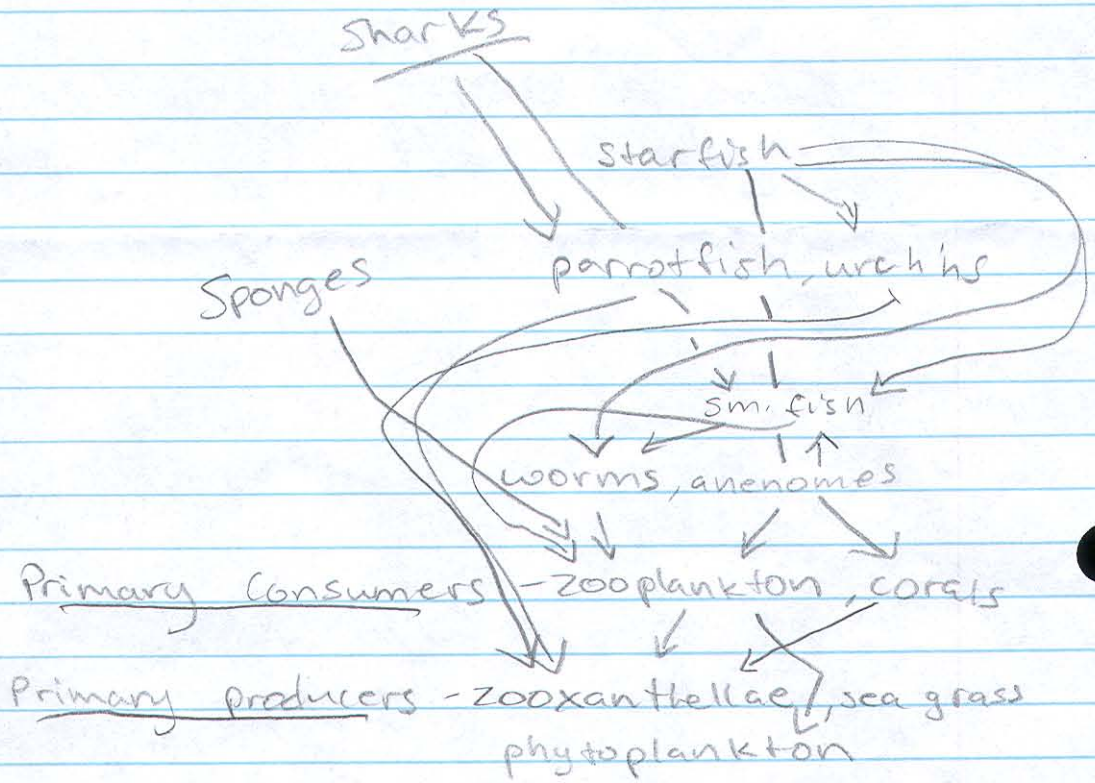
Coral Reef

11/17/05

Physical System Features
- 50 gallon tank (glass)
- full spectrum light
- 31-42 ppt salinity H_2O
- Thermostat 23-29 °C
- water pump: circulation & current
- UV Filter & protein skimmers
- sand & rock substrate

Biotic Features
- Mixed of soft and stony corals
- sponges + small worms
- fish: parrotfish - keep algae in check and create sand
- cleaner shrimp & cleaner wrasses → help keep parasites in check
- sea grasses & sea plants - create O_2 for our reef
- zooxanthellae - photosynthesizes and gives glucose, amino acids, proteins, O_2
- sharks
- anemones
- sea urchines
- star fish
- sea horses
- zooplankton

Coral Reef Food Web



Competition