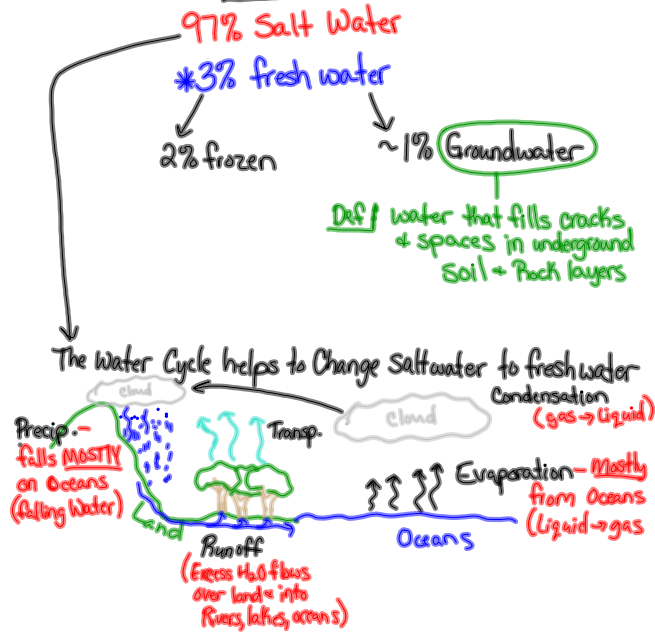


The Water Planet



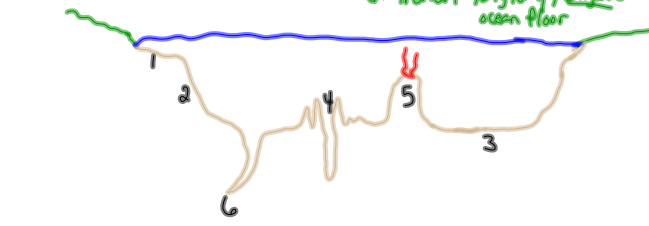
Surface Water

- River Systems
 3 Parts:
 a) Tributaries - all small rivers & streams
 b) Watershed - includes land around water.
 c) Divides
- "Standing" (or still) Water
 ↳ Ponds + Lakes
 ↳ Reservoirs (manmade lakes for water collection & storage).

EUTROPHICATION
DEATH of POND or Lake

Ocean Water

- * Salinity - measure of the amount of salt
- * 3 "layers" to Ocean
 a) Surface (most affected by weather)
 b) Transition Zone
 c) Deep Zone (has the "densest" water)
- * Pressure ↑
 * Temp ↓ as you go down
- * Charact. of Ocean floor:
 1. Cont. Shelf → the "beach"
 2. Cont. Slope
 3. Abyssal Plain - flat btm of ocean floor covered in mud & silt
 4. Mid-Ocean Ridge - Underwater Mountain Range
 5. Sea Mounts - Underwater Volcano
 6. Trench - long, deep, Canyon on ocean floor



Currents (moving water)

- Surface
 a) Coriolis Effect: Makes water move in circular path due to rotation
 b) El Niño - wind pattern changes & influences climate
 ↳ Causes abnormal weather
 c) La Niña - opposite of Niño (cold)
- Deep
 1. Warm water moves to poles
 2. Cold, salty water sinks @ poles
 3. Circulates back to equator