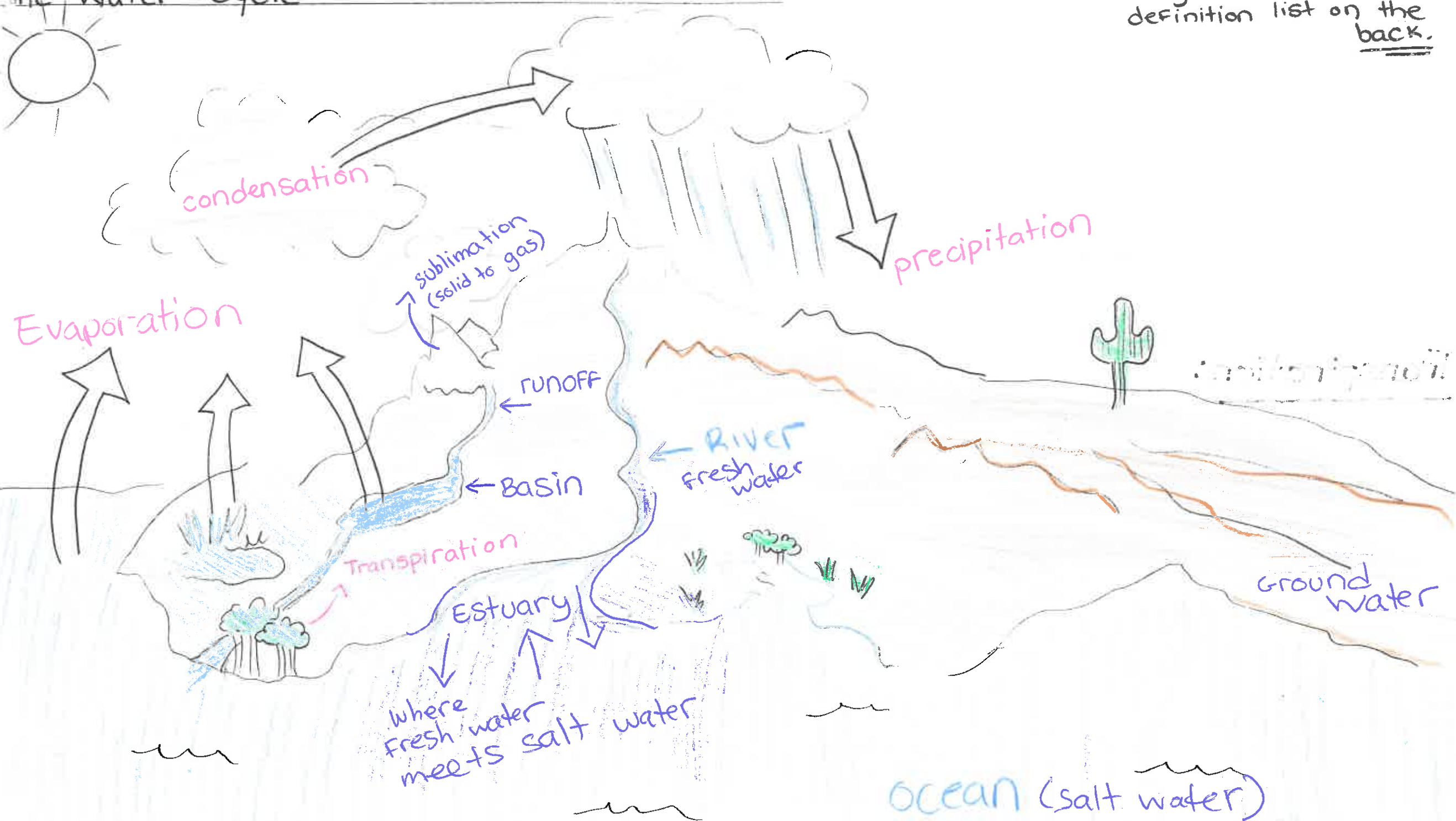
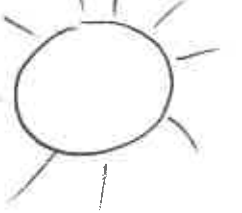


now label to this side  
using words from  
definition list on the  
back.

# The Water Cycle



name:

## Definitions:

Evaporation:

The change of state from liquid to gas

Condensation: The change in state from gas to a liquid (ex water vapour to liquid)  
ex) dew on grass, water drops on a drink glass, clouds

precipitation: water that has gathered in the clouds + falls to Earth as rain, hail, sleet, or snow

~~sublimation:~~

Transpiration: water evaporating from plants (plants releasing some H<sub>2</sub>O)

runoff: water flowing along surface of the ground. (often due to gravity)

Basin: A natural depression in the ground where water can gather.

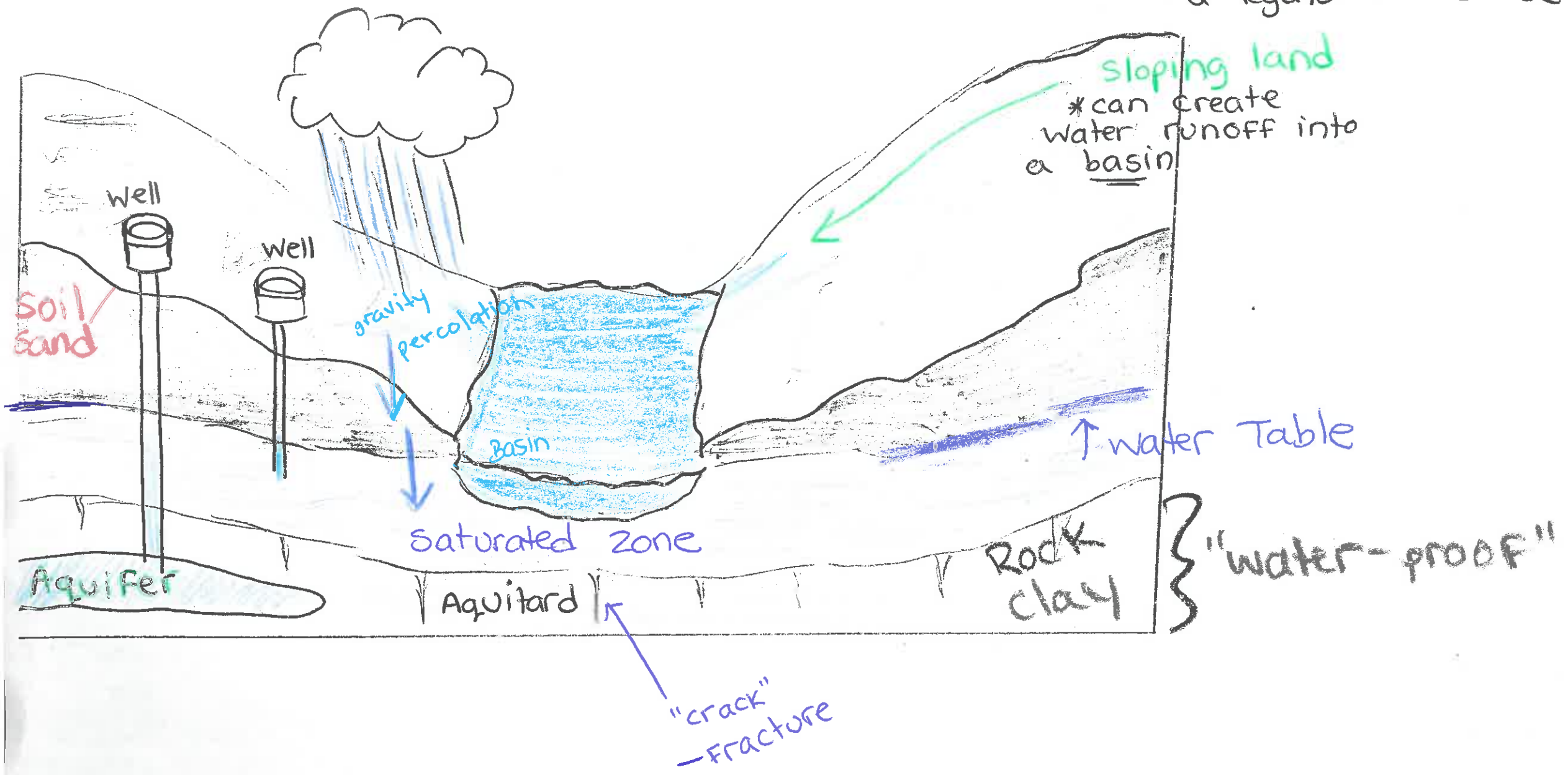
Estuaries: An area where fresh water from rivers + salt water from oceans mix to form moderately salty water

Ground Water: water that has soaked into the earth (often between saturated soil + rock)

# The Water Table

Py 010 science + technology 0  
name: \_\_\_\_\_

\* Add labels or use a symbol, letter, or number + create a legend to describe



# Definitions + short answer

Water table: The upper layer/boundary of the saturated zone.

\* The level below which the ground is saturated with water

percolation: Filtration of water through soil + permeable rocks. (\* seeping through a porous material)

Aquitard: An impervious (water-proof) layer of clay, silt, or rock that water can't move through (or if so very slowly)

Aquifers: An underground zone of rock or soil that contains and yields water (\* water pocket\*)  
(located beneath the water table)

Saturated zone: The area beneath the water table where water fills the spaces in the gravel, sand, silt, or rock

# pg. 216-217 science + technology 8

How are water tables affected by the water cycle? The depth of the water table is affected by water cycle

during dry seasons (little precipitation) water evaporates from ground's surface faster than it is replaced.

\* capillary action draws water up

How can humans affect the water table levels?

Building wells (drawing the water up from ground)

→ If too much water is pumped water table can drop

\* Building Dams... changing water in basins (affects saturated zones)