Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FIND SOMEONE WHO…

|  |  |  |  |
| --- | --- | --- | --- |
| What is the difference between a well and an artesian well?  Artesisan = pressure from below surface pushes water out  Well = need pump to get water out | What are the 3 processes of the water cycle?  Evaporation, Condensation, Precipitation | What happens when there are too many nutrients (eutrophication) in a lake or pond?  Too many nutrients = no sunlight and oxygen to animals and plants in water | Give an example of an impermeable substance.  Rock slab, glass, clay, etc |
| Which process of the water cycle forms clouds?  Condensation | What unit is most often used to express concentrations of substances?  Ppm (parts per million) | Why are aquifers valuable?  Natural filtration system for water; water holding tank – can store lots of water! | What is the difference between point-source and nonpoint-source pollution?  You can see point-source and stop it from happening. It’s hard to tell where nonpoint-source pollution is coming from and therefore, hard to stop it |
| How much of the Earth’s water is fresh water? Where is it located?  3% - in icebergs | Give an example of a permeable substance.  Anything that water can pass through (gravel, sand, soil, T-shirt, etc) | List 2 possible sources of water pollution  Fertilizer run-off, dumping waste into water, transportation, aquaculture, etc | What are the 2 types of glaciers?  Valley and Continental |
| What is the percentage of water on Earth that is salt water?  97% | What is one advantage to building a dam?  Can create a reservoir, make energy, etc | This is the process by which water vapor changes into liquid water.  Precipitation | Water covers \_\_\_% of the Earth  71% |