UNIT 1 QUIZ STUDY GUIDE

* Atoms most commonly found in living things (C, H, O, N, S, P)
* How many atoms/molecules are in a mole. (Avogadro’s number)
* Determine the weight in grams of a mole of an element or molecule.
* Calculations involving molarity (M).
* Water’s polar structure.
* How water forms hydrogen bonds.
* Name the properties of water from the notes AND explain what they mean.
* Describe how each property allows water to sustain life on Earth.
* Hydrophobic vs hydrophilic
* What it means that water is “neutral” (pH 7).
* Acids, bases, buffers – what they are and why buffers are important to living things.
* Be able to interpret a pH scale.

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