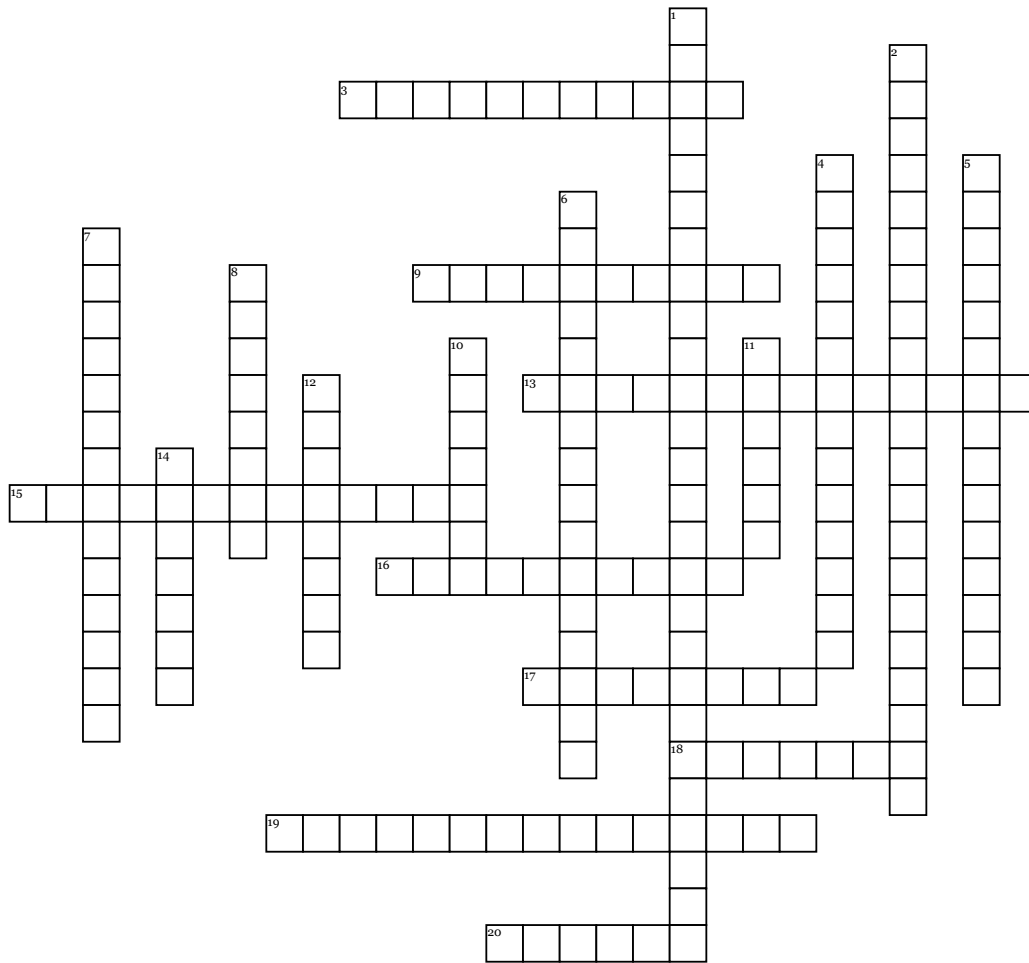


Water And Molecule



Across

- 3.** Double helix or can be single stranded shape
- 9.** molecules (keys) that fit into enzymes to undergo reactions and create a product
- 13.** large organic molecules
- 15.** one oxygen and two hydrogens
- 16.** part of the enzyme that substrates (keys) fit into
- 17.** The "R" Groups
- 18.** used by the body mainly for growth and repair

Word Bank

Water Molecule
 Substrate –
 Nucleic Acid
 macromolecules
 Adhesion

Enzyme
 Protein
 Active Site
 Hydrogen Bonding
 solute

covalent bonds
 Capillary Action
 Activation Energy
 Cohesion
 solvent

Surface Tension
 Proteins
 expansion upon freezing
 Product
 ability to moderate temperature

- 19.** when water moves up a thin tube by itself
 - 20.** protein that acts as a lock and key
- Down**
- 1.** prevent tempature changing outside of life suitable range
 - 2.** molecules expanding when freezing
 - 4.** 2 atoms share electron
 - 5.** Positive and negative poles, water molecules attracted to each other

- 6.** The energy required to start a reaction
- 7.** allow organism to float,walk,or even run on water
- 8.** when water sticks to other surfaces beside water
- 10.** does the dissolving
- 11.** get dissolved
- 12.** when water molecules stick to other water molecules
- 14.** what the enzyme helps produce in the reaction