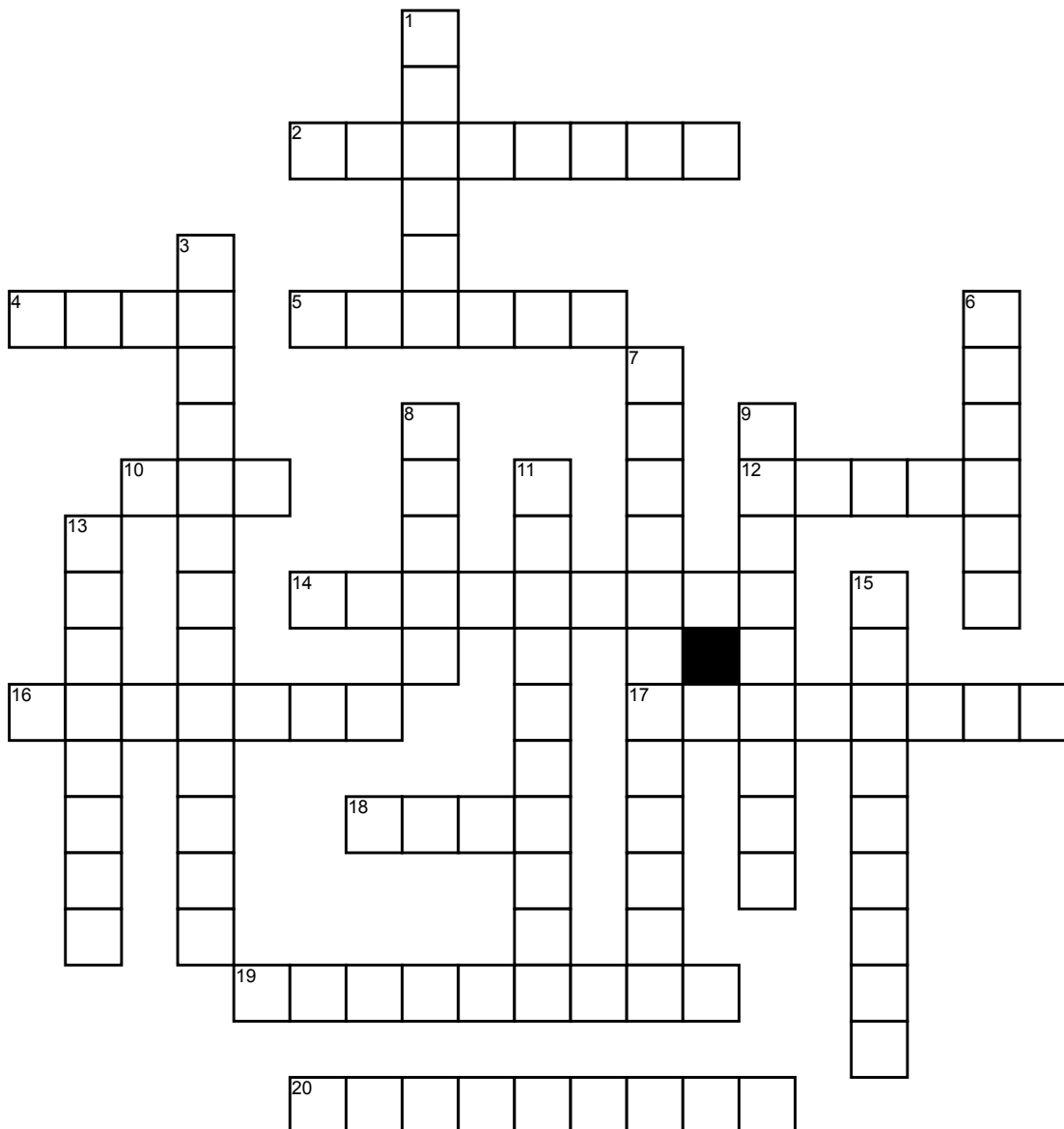


Science Crossword



Across

- 2. A substance that is made entirely from one type of atom
- 4. A chemical specie that donates electrons or hydroxide ions or that accepts protons
- 5. The chemical element of atomic number 8 and the life-supporting component of the air
- 10. An atom or molecule with a net electric charge due to the loss or gain of one or more electrons
- 12. A wave function, that describes properties characteristic of no more than two electrons in the atomic nucleus

- 14. It consists of an oxygen and hydrogen atom
- 16. A positively charged substance of an atom, found in the nucleus
- 17. The particle of an atom that is neutrally charged
- 18. Made up of: Protons, Neutrons and Electrons
- 19. The study of matter
- 20. A negatively charged particle of an atom

Down

- 1. Chemical bonds that are forces that hold the atoms together in a chemical

- 3. The arrangement of chemical elements
- 6. Is everything around you
- 7. The number of protons in the nucleus of an atom
- 8. Acids are chemical agents that release hydrogen ions when added to water
- 9. A group of atoms, bonded together by chemical bonds
- 11. Atomic mass is the total mass of protons and neutrons in an individual atom
- 13. Highly flammable gas, the chemical element of atomic number 1.
- 15. A small portion of matter