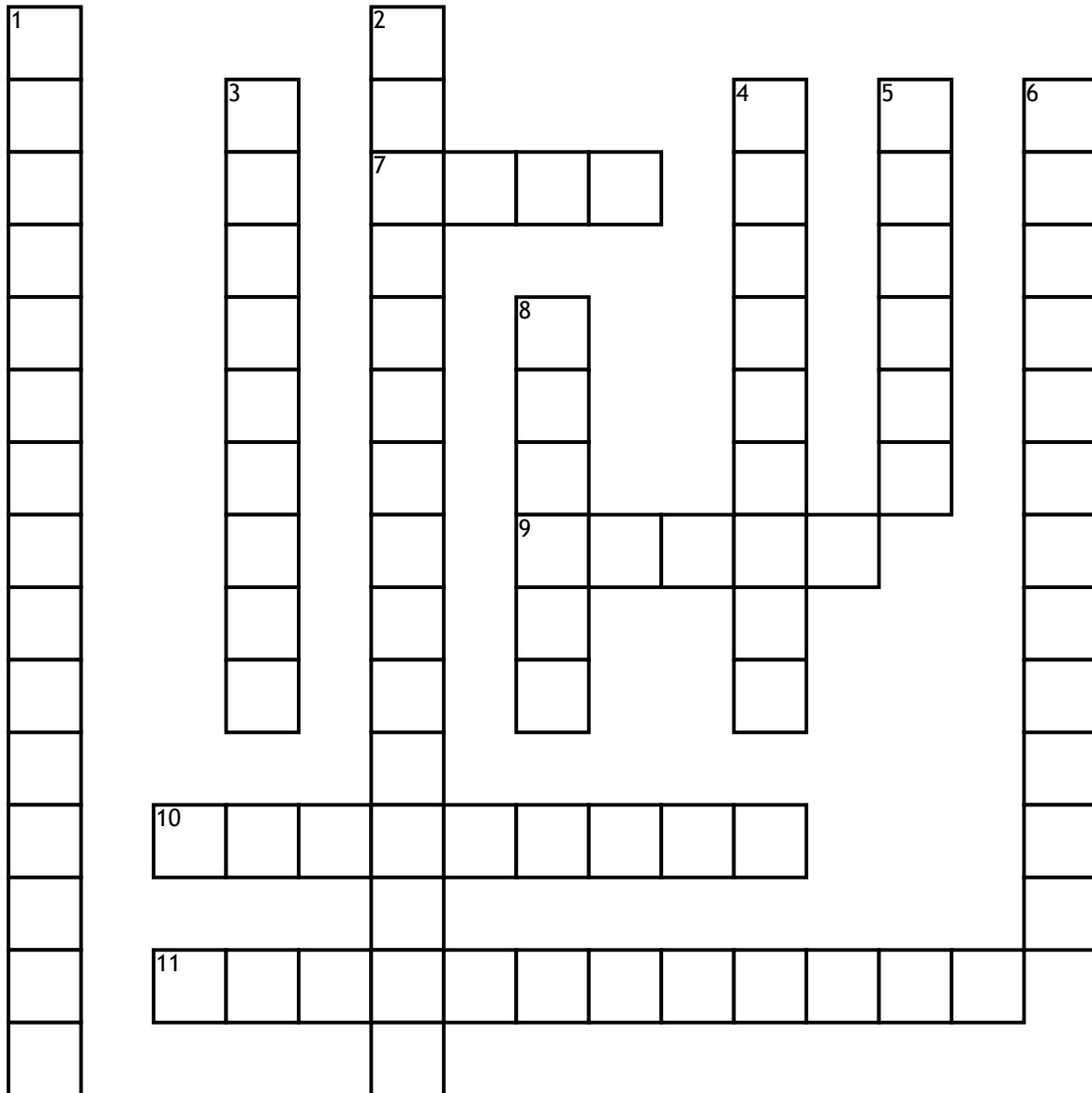


Science Vocabulary



Across

- 7. Atoms with either a positive or negative electrical charge.
- 9. Atoms that gain electrons and have a negative charge.
- 10. These are found to the right of the staircase and form covalent bonds with each other, or take electrons away from metals to form ionic bonds and become negative charged.
- 11. The outermost shell of an atom.

Down

- 1. The electrons found in the outermost shell of an atom. This is where chemical reactions and bonding takes place.

- 2. The total number of electrons that an atom either gains or loses in order to form a chemical bond with another atom.
- 3. Type of bond where atoms give electrons to other atoms and there is an attraction between oppositely charged ions.
- 4. These touch the staircase in the periodic table and have properties of both metals and non metals.
- 5. Atoms that lose electrons and have a positive charge.
- 6. This is the type of bond where electrons are shared between atoms.
- 8. These are found to the left of the staircase and form ionic bonds with non metals. They give away electrons and become positive charged. Except for Hydrogen.