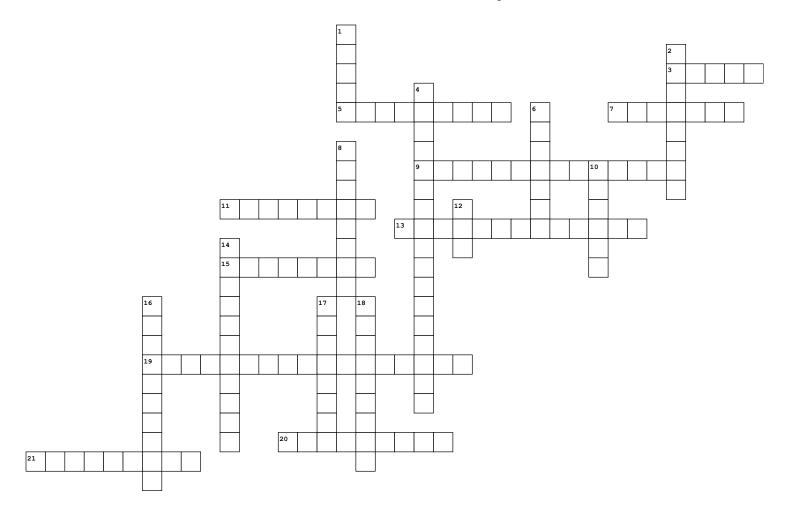
Robbie Mahoney



Across

- 3. A negatively charged ion
- **5.** A substance composed of more than 1 element
- **7.** Outer shell electron type. Forms bonds with other atoms
- **9.** Diagrams/Structures showing the bond/valence electrons of an element.
- **11.** Equation that shows the products and the reactants
- **13.** A single complex compound breaks down into simpler atoms
- 15. Neutral Sub-Atomic particle
- **19.** One element replaces another element in a compound
- **20.** Act of having the reactant and products equate each other numerically
- **21.** the production of chemical compounds by reaction from simpler materials.

Down

- 1. Bond between a non-metal and metal atom
- **2.** Equation type that show the products and reactants completely balanced.
- **4.** Two compounds react and the cation and the anion of the two reactants switch places
- **6.** Positive Sub-Atomic particle
- **8.** Bond between two atoms that are non-metallic
- **10.** A positively charged ion
- **12.** + H2O Product of Combustion (The Equation) (Has a + in it)
- **14.** Measures how much energy an atom has
- **16.** A method to help find the chemical formula of Ionic compounds
- **17.** Equation type that simply shows the products and reactants. Unbalanced
- 18. Negative Sub-Atomic particle