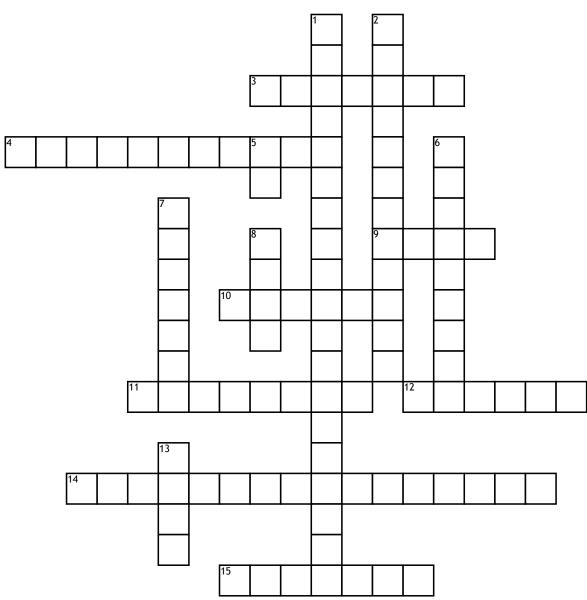
## **Chemical Equations**



## <u>Across</u>

**3.** Neutral particle found in atoms.

**4.** Commonly used indicator that turns red in an acid.

**9.** A group of chemical

compounds that taste sour and contains at least one hydrogen atom.

**10.** Base that dissolves in water.

**11.** Negatively charged particle found in atoms.

**12.** Positively charged particle found in atoms.

14. Chemical reaction that has the same number of atoms before and after the reaction.
15. Substance that is neither an acid nor a base: pH 7 Down

1. When an acid and a base react to cancel each other out; the reaction forms a salt and water.

**2.** Chemical equation where the names of the reactants and products are written in words.

**5.** Scale that gives the relative acidity or alkalinity of a solution; ranges from 0-14.

6. Substance that changes colour in the presence of an acid or base.

7. Name of an entire family of compounds that contain carbon, hydrogen and oxygen.

**8.** Chemical substance formed in a reaction between an acid and a base; usually a metal and non-metal combination.

**13.** A group of chemicals that taste bitter and are soapy to touch.