

# Chemistry Review Worksheet

## Learning Target 1 – Periodic Table

- What is the symbol of an element?
- What are protons, neutrons, and electrons? Where are they located in an atom?
- What does the atomic number tell you?
- How do you know how many electrons an atom will have?
- What does the atomic weight of an atom tell you?

## Learning Target 2 – Ionic and Covalent Bonds

- What are the similarities and differences between covalent and ionic bonds?

## Learning Target 3 – Acids and Bases

- What are some examples of acids?
- What are some examples of bases?
- How do you know if a chemical is an acid?

## Learning Target 4 – Organic Macromolecules

- What do you know about proteins?
- What do you know about sugars?
- What do you know about lipids?
- What do you know about starches?

## Learning Target 5 – Balanced Equations

- Why is it important to balance equations?
- What is each part of the balanced equation called? (i.e. left side, right side).
- Be able to balance chemical equations.

## Learning Target 6 – Types of Reactions

- How do you know if an equation is a synthesis reaction?
- How do you know if an equation is a decomposition reaction?
- How do you know if an equation is a single replacement reaction?
- How do you know if an equation is a double replacement reaction?
- How do you know if an equation is a combustion reaction?