Ionic substances form when a metal reacts with a non-metal. They contain charged particles called ions.

Charged particle - a particle that carries an electric charge.

Ion - positively or negatively charged particles - eg positively charged hydrogen, sodium and potassium atoms. Ion charge helps determine a substance's acidity or alkalinity.

Molten - molten means reduced to liquid form by heating. It is mainly used to describe rock, glass or metal.

Reduction - A reaction in which oxygen is removed from a substance. Reduction also means a gain in electrons.

Oxidation - A reaction in which oxygen combines with a substance. Oxidation also means a loss of electrons.