



a WOW Lab

**BLUEPRINT**

The Chemical ( $\text{KNO}_3$ )-How

## Glossary

**atom** - the basic unit of matter that consists of a dense central nucleus surrounded by a cloud of negatively charged electrons.

**chemical change** - a change that alters the chemical composition of the substance. During a chemical change, substances are changed into other substances.

**chemical compound** - a substance formed by chemical union of two or more elements in a fixed ratio.

**element** - a substance consisting of only one type of atom.

**matter** - the substance of which an object is composed.

**mixture** - two or more substances that are mixed together.

**molecule** - a group of atoms bonded together, representing the smallest fundamental unit of a chemical compound that can take part in a chemical reaction.

**peer review** - a critical inspection or examination by someone of equal standing to the author.

**physical change** - a change that does not alter the chemical composition of the substance. Physical changes alter one or more of the following: texture, shape, size, colour, volume, mass and density.

**solution** - a homogenous molecular mixture of two or more substances.