

Chemistry

What is Chemistry?

Chemistry is the study of matter, its properties, how and why substances combine or separate to form other substances, and how substances interact with energy. Many people think of chemists as being white-coated scientists mixing strange liquids in a laboratory, **but the truth is we are all chemists.**

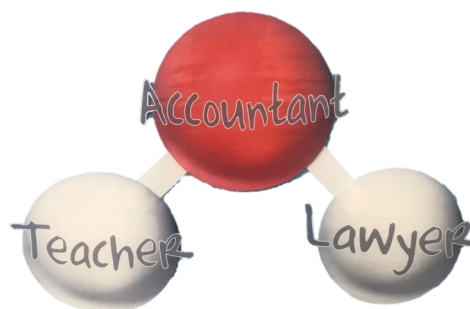
Understanding basic chemistry concepts is important for almost every profession. Chemistry is part of everything in our lives. Every material in existence is made up of matter — even our own bodies. Chemistry is involved in everything we do, from growing and cooking food to cleaning our homes and bodies to launching a space shuttle. Chemistry is one of the physical sciences that help us to describe and explain our world.

What will I study in S3?

You will investigate and study the foundations of Chemistry which include
Atomic Structure,
Chemical Reactions,
Bonding and Properties of Substances,
Metals and Fuels.
Within these you will also learn how to write chemical formulae and equations.

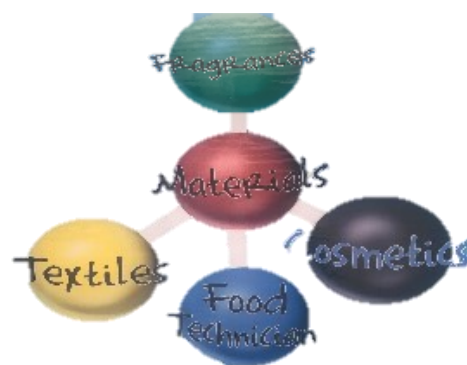
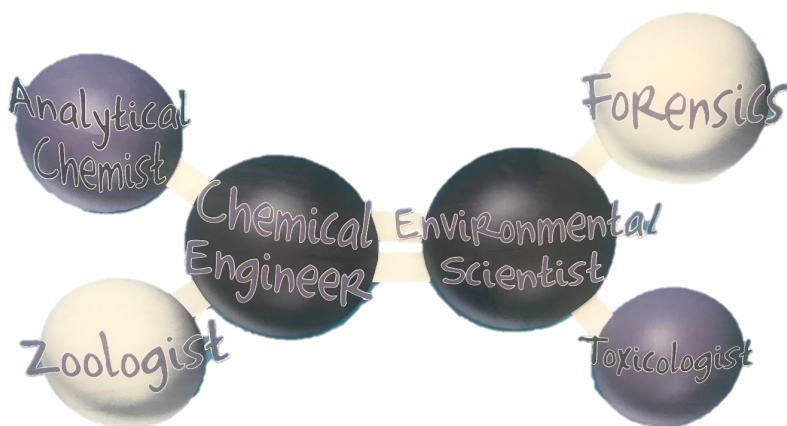
Throughout the year you will further develop skills in planning, analysis, evaluating and presenting your findings through scientific investigations and use scientific analytical skills to solve problems.

At the end of the year you should be able to make informed views on scientific discoveries and hopefully see the relevance of Science to your future life and possible career.



Progression

From S3 Chemistry you can move on to National 5 to Advanced Chemistry at Belmont Academy.



**Broad General Education
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