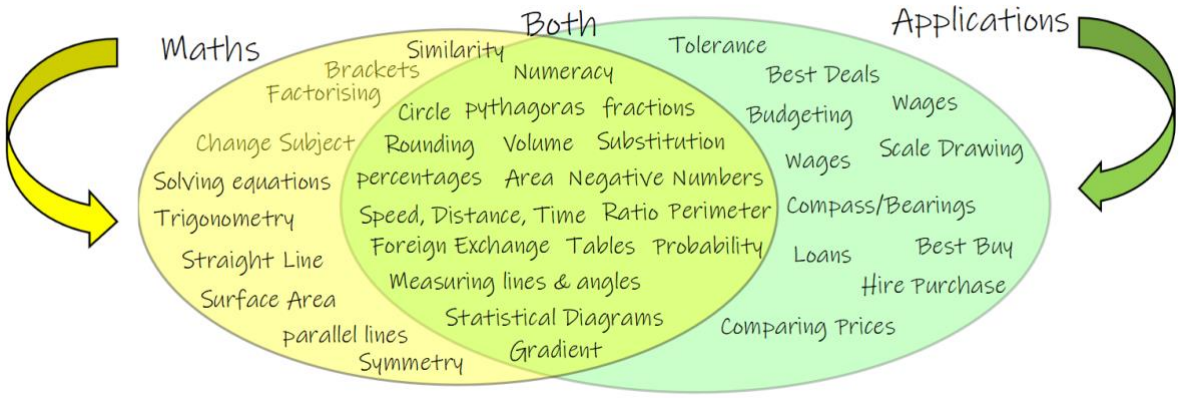
Difference Between

National 4 Mathematics and National 4 Applications of Maths



S4 courses in Mathematics
For S4, you have the opportunity to indicate a preference between **Mathematics** and **Applications of Mathematics**.

We would like you to consider, with your family, which course would be the preferred choice in S4, when you make your course choice.

What's included?
The diagram above shows the content of each course.
If a topic is in the central section, it is part of both courses

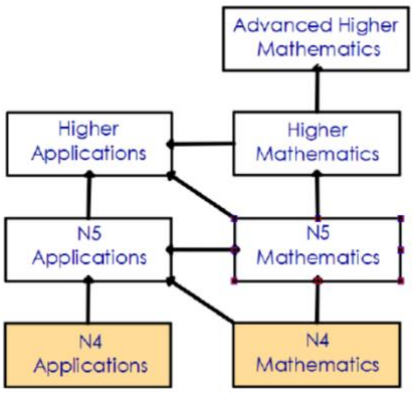
Why study Applications of Mathematics?

Mathematics is important in everyday life, allowing us to make sense of the world and manage our lives. In Applications of Maths you will learn how to model real-life situations and make connections and informed predictions.

You will develop the skills to interpret and analyse information, simplify and solve problems, assess risk, and make informed decisions. These skills will make you valuable to future employers.

What Next?

The diagram shows the progression possible in the Mathematics department



Careers

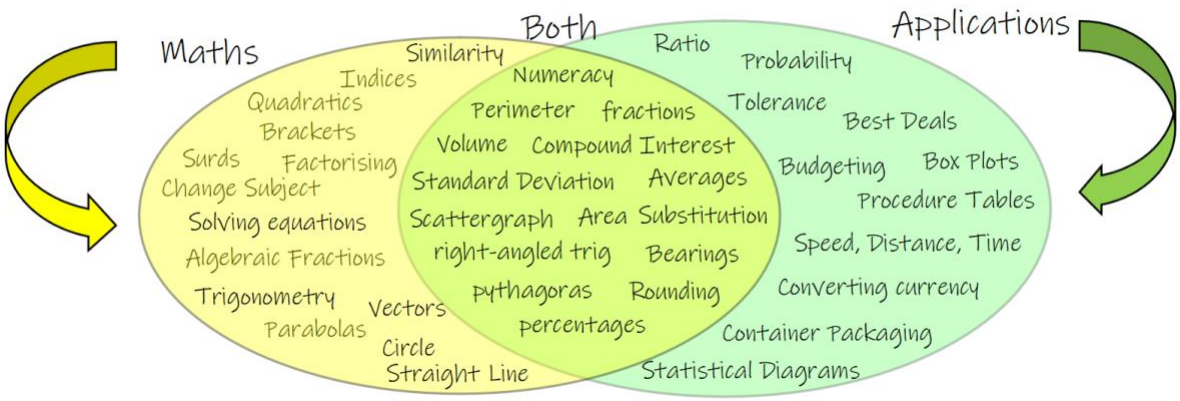
The table below shows careers and university courses which require Mathematics and which can be entered with either qualification.

Mathematics or Applications	Mathematics Only
• Nursing (most courses)	• Engineering
• Teacher training (most courses)	• University Science Courses (Biology, Chemistry, Physics)
• Construction industry	• Medicine
• Most Apprenticeships	• Accountancy
• Social Work (most courses)	• Architecture
• Social Science (most courses)	• Economics
• Retail	• Actuary
• Sports Science	• Computer Game Design
• Higher Applications	• Aircrew/Air traffic control
	• Veterinary Medicine
	• Higher Mathematics

If you have a specific course at college or university that you wish to pursue then you should check the entry requirements.

Difference Between

National 5 Mathematics and National 5 Applications of Maths



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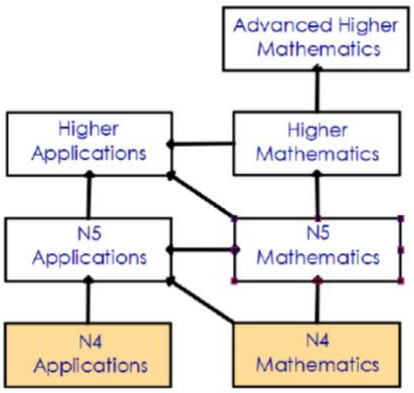

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