TEACH MATHEMATICS

Have an organised mind, a talent for reasoned and logical thought, and a fascination with numbers? You could make a great maths teacher

We may have made it to the digital age but no matter how far along electronic calculators and computer technology have evolved, we still need to know mathematics in order to function in modern society.

That's the beauty of maths, apart from its perfection as an absolute and exact science. As a mathematics teacher you will be guiding your students through this wonderful labyrinth, helping them develop their mathematical skills by exploring, classifying, generalising, calculating, predicting, representing and measuring the world around them.

Mathematics is taught in all years in secondary schools. There is a common course for Years 7-8, while a range of mathematics courses is available to students in Years 9-12.

As a mathematics teacher you will be expected to teach any of the mathematics courses for students in Years 7 to 12.

You should also use your special interests and talents to contribute to a wide range of school activities.

Getting there

If you are interested in a career as a mathematics teacher you should complete study in mathematics at an advanced level in the Higher School Certificate.

You will also need to complete, through a recognised higher education institution, a major (i.e, three years of degree-level study) in pure or applied mathematics plus at least one year of professional studies in teaching that includes mathematics 7-12 teaching methodology.

Degree options

- an undergraduate degree, and a graduate entry teacher education program such as a Graduate Diploma of Education (Secondary), or a Master of Teaching (Secondary); or,
- an integrated undergraduate program such as a four-year Bachelor of Education (Secondary) which includes both subject content studies and teacher education; or,
- an undergraduate double degree program such as a Bachelor of Mathematics/Bachelor of Teaching (Secondary).

Further information about the requirements to become a teacher in NSW, including approved initial teacher education programs, can be found on the NSW Institute of Teachers website at www.nswteachers.nsw.edu.au.