



Otumoetai College

Mathematics Department

Year 9 Mathematics 2018

At Otumoetai College all students in Years 9 – 11 are required to study Mathematics - most students in Years 12 and 13 also study Mathematics and/or Statistics.

In 2018, Year 9 will be taught in a collaborative learning space. Although students are broadly streamed, two classes will regularly work together on various activities and investigations. Students will be consolidating and extending their current knowledge at relevant levels of the curriculum. Our aim is to create confident, capable and resilient learners.

Topics

1. Measurement
2. Statistics
3. Number
4. Algebra and Graphs
5. Geometry
6. Probability

Assessment

1. Measurement and Statistics will be project-based assessments in Term One.
2. Number, Geometry and Probability will be assessed using e-asTTle.
3. There will be a written test for Algebra including Patterns and Graphs in Term Three.
4. The end of year examination will have two components. The first (without calculators) includes Number and Algebra. The second will be a two hour examination (with calculators) covering the other topics.
5. Test and examination results will help decide class placement for the following year.

Homework

A commercial web based package called Manga High will be the main source of homework. The registration cost is \$10 for the year. Each classroom teacher will set exercises weekly, which students are to complete. The exercises are marked electronically and feedback is immediate. Feedback is the most effective way for students to learn.

Equipment

Students receive a separate stationery list. For this subject they will require quad books, the normal range of pens, rulers, and protractors, as well as a scientific calculator.



Otumoetai College

Mathematics Department

Year 9 Mathematics 2018

Appeals

If a student is not satisfied with an assessment result, the student must discuss it with the class teacher immediately - **before** the assessment leaves the room.

If any student is not satisfied with the discussions he or she should approach Mr Ellwood (Head of Department) as soon as possible. The assessment can be handed to Mr Ellwood by the classroom teacher.

Mathematics Competitions

Your student will be invited to enter the Otago University NZ Mathematics competition and the Australian Mathematics competition. There will be a small charge to cover entry fees for these competitions. We encourage many students in Year 9 to enter. There is also a quiz competition between Bay of Plenty schools, called Mathmind.

Your teacher and the Mathematics Department have the responsibility to help you achieve to your full potential. If students, parents and teachers work together then students can achieve great progress.

Students: You have the responsibility to complete all set work to the best of your ability, to be in class on time, to meet all deadlines and to act and behave in a responsible manner so that you can achieve to your potential, along with all your classmates.

On behalf of all the OTC mathematics teachers, I wish your son or daughter a very successful 2018. Please do not hesitate to email your designated mathematics teacher with any queries or concerns.

J. Ellwood
HOD Mathematics
February 2018