

Junior Mathematics Faculty

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Studies in Junior Mathematics

Junior Mathematics takes in a range of skills and concepts that helps our adolescence learners in Years 7, 8 & 9 to be relevant to today's society.

Students explore the topics of Number and Algebra, Measurement and Geometry, and Statistics and Probability according to the requirements of the Australian Curriculum to develop their thinking and doing in Mathematics. This approach has been adopted to ensure students' proficiency in mathematical skills develops throughout the curriculum and becomes increasingly advanced over the years of schooling.

An additional lesson in Numeracy each week gives the opportunity to re-visit skills and develop a greater confidence in mathematical processes. Through numeracy students can develop logical thinking and reasoning strategies to assist everyday life. Solving problems and making sense of time, numbers, patterns and shapes for activities like cooking, reading a map or bill, reading instructions and even playing sport use numeracy skills.

As these students will be entering the work force in the next couple of years to obtain casual jobs, a good achievement in this subject will enhance their job opportunities.

Junior Mathematics staff at North Rockhampton State High School regularly undertake training and professional development to further develop their skills. This team is dedicated to focusing on our Junior Secondary students and developing learning experiences that are hands on and relevant to the emerging learner.

| Mathematics Subjects | |
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| Year 7 | Junior Mathematics-Australian Curriculum |
| Year 8 | Junior Mathematics-Australian Curriculum |
| Year 9 | Junior Mathematics-Australian Curriculum |
| Numeracy in Mathematics | Students are exposed to a range of numeracy activities to familiarise themselves with skills and communication in Mathematics |

| eLearning in Junior Mathematics | |
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| eLearning is embedded throughout all Mathematics subjects. Some strategies and tools we use include: | |
| Data analysis | <ul style="list-style-type: none"> • Spreadsheets used to analyze, interpret and represent data. |
| Resources | <ul style="list-style-type: none"> • Class sets of laptops. • Ipads • Digital whiteboards. • ICT resources. |