



2025 YEAR 8

Rangi Ruru Girls' School

At Rangi Ruru Girls School we are following the updated [Tāhūrangi - New Zealand Curriculum](#). We view this as a two-year course where the students will be led by their teachers to cover all the strands of learning: Number, Algebra, Measurement, Geometry, Statistics and Probability. Your teacher will be weaving these topics together over the two years. Each class when move through the curriculum in response to the development of those students' learning. Ensuring there is opportunity to make connections between the strands and develop the students' confidence and fluency in Mathematics.

ASSESSMENT

Alongside low stakes assessments operating on a daily basis to help you and your teacher with your learning there will be checkpoint assignments and tests throughout the year alongside a summative assessment activity using e-asTTle.

EXTENSION WORK IN MATHS

Extension activities for those that require them will happen as part of your classwork. Please let your teacher know if you are interested in doing more than the regular class work. You could also enter the Y7/8 Problem Challenge which has 5 sets of problems that run through the year, the ICAS Mathematics Competition in Term 3 and there will be a team selected for Cantamaths in Term 3.

GETTING HELP

If you are having any difficulty with your learning you should ask your teacher for help in class. If your teacher thinks you need more help then they may refer you for tutorial help, which may be from a senior student, or a teacher. If you would like a peer tutor then do ask your teacher.

ABSENCE

If you are absent from a lesson you should try to catch up on missed work by having a buddy in your class who can collect sheets for you and lend you any notes from the lesson. If you have difficulty catching up after a long absence ask your teacher for help.

HOMEWORK

Good homework habits are essential if you want to be successful in improving your Mathematics learning. Maths is a cumulative knowledge system where learning is built upon every lesson through consistency of practice of skills and concepts. Enter your homework carefully in your diary, making sure you know what is required. Try to find a quiet place to do your homework.

Your parents will be interested in your homework and class learning, so show them what you are doing.

What happens if you can't understand your homework?

1. Read your teacher's notes and examples carefully
2. Watch associated lessons on Education Perfect
2. Look at the examples in your work book.
3. Ask an older member of your family to help you.
4. Try looking at the answers and working backwards.
5. Message a friend and talk about it with them.
6. Google/Youtube can also be a source of further examples and teaching.

If you have tried all these strategies and still can't get started, then write down what you tried, get your parent or guardian to sign it, and show it to your teacher.

Rangi Values	How will ākonga demonstrate these values?
Respect/Whakaute	<i>Ākonga will show respect for their classmates at all times, understanding the need for differentiation, and differing paces of learning. Ākonga will show respect for the subject and Kaiako by completing homework, listening and following all instructions.</i>
Aroha	<i>Ākonga will support other learners by participating in an inclusive and positive classroom culture</i>
Enthusiasm & Endeavour Rikarika & Ngana	<i>Ākonga will strive for their own personal best in learning, and will be encouraged to attempt extension activities, online practice, and attend offered tutorials.</i>
Generosity of Spirit Manaakitanga	<i>Ākonga will support each other and provide support for others when needed, helping classmates when appropriate.</i>
Integrity/Tika	<i>Ākonga will show integrity by ensuring they submit authentic evidence of their learning.</i>
Rangi Graduate Dispositions	How will ākonga develop these dispositions
Be You	<i>Ākonga are encouraged to be curious through asking questions. Ākonga are encouraged to develop their learning strategies through trying different approaches to see what works for them</i>

Belong	<i>Ākonga are encouraged to link their learning to personal experiences and local contexts (e.g. Numeracy examples)</i>
Be The Change	<i>Ākonga are encouraged to be creative with solutions and developing original solutions</i>
Be Your Best	<i>Ākonga are encouraged to strive for their own personal best in their learning – personalised learning.</i>
Culturally Empowering Pedagogy	
<i>Tikanga, Te Reo Maori and Mātauranga Maori will be woven into this learning through:</i>	<i>Kaiako and Ākonga are encouraged to use te reo maori where they feel appropriate/confident. The environment will demonstrate Manaakitanga for all Ākonga. Authentic mātauranga maori mathematical contexts will be included where appropriate</i>
<i>Opportunities for cultures of other students will be incorporated through</i>	<i>All Ākonga will see where the Mathematics being studied is relevant to them – purpose, how it relates to them and fits into their world (the Kaupapa).</i>
<i>Opportunities to think & connect as a globally minded citizen will include:</i>	<i>Learners will be encouraged to investigate Mathematics in other cultures.</i>

USEFUL HABITS OF MIND for MATHEMATICS

Thinking and Communicating with Clarity and Precision

Striving for Accuracy and Precision

Thinking Flexibly

Applying Past Knowledge to New Situations