

# Maths: The Taumata Way

## What is it?

Taumata's mathematics programme is centered around enhancing students' mathematical proficiency and conceptual understanding. Learning emphasises critical thinking, mathematical reasoning and problem solving skills. Learning takes place an hour a day, where mathematical strategies and knowledge are explicitly taught.

Learning Coaches follow a structure:

**Let's Remember:** where we recap and consolidate progressions has previously been taught

**Let's Learn:** where students are explicitly taught new strategies, necessary tools and skills to master the progression

**Let's Do:** an opportunity for students to master the progression by working through mathematical problems. Mathematical concepts are taught in real-word contexts to make learning more relevant for our students.

**Let's Reflect:** students spend time at the end of each lesson recapped what they have learnt, why they have learnt this and what their next steps are.



## What do we believe?

In Maths there is a clear scope and sequence of learning.

Maths is engaging and has relevant content.

Every student at Taumata has a "Maths brain."

Student predominantly need to focus on Number Knowledge in Phase One.

Maths is everywhere! Making connections to the real world is important to support student learning.



## Links to research

- Effective Pedagogy in Maths/ Pangarau Best Evidence Synthesis
- OECD (2010): The nature of learning
- [nzmaths.co.nz](http://nzmaths.co.nz)
- New Zealand Curriculum online

