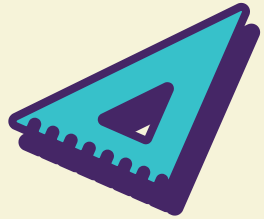




MPRPS

MATHS OPEN MORNING

Information Session



Kate Molloy and Emily Glen
Maths School Improvement Team Leaders



Which is the odd one out?

What makes you say that?

Is there more than one possible answer?





Numeracy at MPRPS

Our Mathematics program is centred around providing students with hands-on experiences that allows them to explore mathematical concepts within real world contexts. Students are consistently monitored and assessed and learning opportunities are provided that cater for the identified needs of each student.



The Victorian Mathematics Curriculum consists of three dimensions:

Number and Algebra

The focus is on developing number sense and exploring patterns and relationships.

This is explored through:

- sharing, ordering and estimating different quantities
- recognising patterns and continuing them
- counting on and counting back

Measurement and Geometry

This area focuses on understanding and using geometric properties and measurement. This is explored through:

- sorting shapes and identifying properties
- measuring using informal units
- comparing the duration of events
- describing position and movement of objects

Statistics and Probability

This dimension focuses on chance and data. This is explored through:

- understanding the nature of chance events, including relationships between events and the probability of them occurring
- interpreting data displays in authentic contexts
- creating simple data displays including graphs

The four proficiencies are taught through the three mathematics dimensions and focus on the skills required for students to apply their knowledge to familiar and unfamiliar situations.

Understanding

Students build knowledge of key mathematical concepts and make connections between related concepts

Fluency

Students develop skills in choosing efficient strategies and recall knowledge and concepts readily

Problem solving

Students develop the ability to make choices, interpret, formulate, model and investigate problems

Reasoning

Students develop an increasingly sophisticated capacity for logical thought and actions. Students are reasoning mathematically when they explain their thinking.





Helpful Resources



Mathletics - F-4


Manga High - 5/6



Hit the Button



Junior Flip,
Make, Pay



MAV Parent
Support




Love
Maths
Games



NZ Maths
at Home



Jo Boaler
Mathematical Mindsets
TED Talk



We would love your feedback!

