

Term 1

Year 1 /2 MATHEMATICS

Students in Years 1/2 will develop the skills needed to work like mathematicians and be equipped with the mindset to solve challenging maths tasks and problems.

During Term 1 we will explore the **Number and Algebra** strand of the Victorian Curriculum with a focus on **Additive Thinking**: this is the ability to solve **addition** and **subtraction** problems using a range of effective strategies.

Students will develop the ability to:

- Count on to find the total of two collections
- Count back or up to solve subtraction problems
- Use a range of effective written and mental strategies
- Explore **efficient counting strategies** to be able to count a collection including: 1:1 correspondence ('touch and count', 'move and count'), grouping objects in a way to count them quickly
- Develop fluency with basic number facts including tens facts, doubles and add/subtract ten.
- Explore derived addition strategies including near doubles, adding 9, number fact families.
- Place Value: Modelling, identification, and sequencing numbers. The concept that ten ones makes one group of ten and how this pattern continues is introduced and consolidated.

Towards the end of the term, students will apply their knowledge of number to **Measurement** activities as they explore the concepts of volume and capacity. As well as identifying and recognising the features of common 2d and 3d shapes in our **Geometry** strand.

As students learn they will use materials such as connecting cubes, bundled icypole sticks, beans, and cups etc to assist their learning. Students will work collaboratively to solve challenging, real-world tasks as they trial strategies, record their thinking and discuss their solutions.