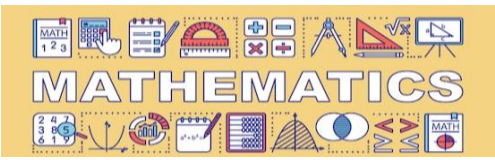
Mathematics

During Term 4, the students in 5 and 6 continue a strong focus on the Number and Algebra, particularly on place value and the four proficiencies (Understanding, Fluency, Problem Solving and Reasoning). We will also be exploring data representation and interpretation and location and transformation linking to our Inquiry unit.

Our mathematical learning is underpinned by the Victorian Curriculum areas of:

- *Number and Algebra: Number and place value*
- *Measurement and Geometry: Location and transformation*
- *Statistics and Probability: Data representation and interpretation*

Students will explore and consolidate their knowledge of using efficient mental strategies to solve problems. Use estimation and rounding to check the reasonableness of answers and solve problems using the four operations.

Students will pose questions and collect categorical or numerical data by observation or survey. During their Inquiry unit they will construct, interpret and compare a range of data.

Students will use Sphero robots and construct obstacle courses to explore location and transformation through grid reference, Cartesian planes, symmetry, angles and shape.