

## Senior School: Years 3-6

Targeting Maths Australian Curriculum Edition Program is implemented by the Year 3 to 6 teachers. The three core components of Targeting Maths Australian Curriculum Edition provide a clear structure for teaching, learning and assessing **all outcomes of the Australian Curriculum.**

This program comprehensively covers the Maths curriculum in a student friendly, clear and structured way focusing on Number & Algebra, Measurement & Geometry and Statistics & Probability. This maths program is full of motivating, enjoyable activities with the aim of developing a solid foundation for maths success in all students.

The activities include integrated problem solving that actively builds students' abilities to think mathematically, solve problems and communicate their answers in a variety of ways. Students learn new skills and then apply them to a variety of interesting problems. Students are also exposed to the Singapore Maths Bar Model for problem solving. The program also provides links to extra resources that assist, reinforce and extend our students.

In Years 3 to 6 the students regularly partake in a comprehensive and structured mental maths program:-

### New Wave Mental Maths

Why we chose this program for our students is that it is designed to:-

- Encourage and develop students' mental calculation concepts and skills
- Develop and reinforce students' problem solving strategies
- Develop and maintain students' speed and recall
- Introduce students to and help them practise and understand a range of mathematics vocabulary.

Assessment activities are also provided for the students to access, monitor and record their own performance on a regular basis.

#### HELP YOUR CHILD WITH LEARNING MATHS

Where maths is used in your everyday life involve your children.

EG: Measuring lengths, capacity, mass, Money Problems, Reading Maps, etc.....

**USEFULL WEBSITES TO ASSIST, REINFORCE AND EXTEND CHILDREN.**

<http://www.turtlediary.com/>

<http://www.mathplayground.com/thinkingblocks.html>

<https://www.studyladder.com.au/>

## Holy Eucharist's Mathematics Program



2018



## ASSESSMENT Years Prep to 6

Assessment is used to guide teaching so that it addresses the student's needs. The following formal tests are given throughout the year.

Prep-2 – Learning Framework In Number (LFIN) beginning, middle & end of the year.

Grade 1-6 - PAT Maths (Progressive Achievement Test in Maths) November.

NAPLAN – Grades 3 & 5

Classroom teachers will continually assess students throughout units of work. This information will then help the teachers to plan according to the needs of the students.

### **NUMBER INTERVENTION PROGRAM:**

This program is aimed at supporting students in Grade 2-4 who are having difficulties in numeracy. These students are identified by class teachers through Pat Maths data and ongoing classroom monitoring. They are then assessed by the Number Intervention Teacher (Anne Ablinger). In the first half of the year 8 students from grade 3 & 4 are selected. The second half of the year 6 grade 2 students will be selected. These students work with Mrs Ablinger for 30 minutes 4 days a week.



## Junior School: Foundation –Year 2

In the junior years our focus is on building strong number knowledge.

The Junior School are participating in a pilot program with a group of Catholic primary schools within the Northern region. The intention of this program is to build strong number knowledge in the areas of Number Word Sequences, Numeral Identification, Structuring numbers 1-20 and Conceptual Place Value. We are following a program called the Learning Framework In Number (LFIN).

Students are pre assessed and taught in focused teaching groups addressing the individual needs of each student.

Targeting Maths is another resource that is referred to when covering the strands of Measurement & Geometry and Statistics & Probability. Understanding, Fluency, Problem solving and reasoning underpin all areas of the mathematics curriculum.