



WHOLE SCHOOL MATHS AGREEMENT

CURRICULUM

Australian Curriculum

- Content Strands – Number and Algebra, Measurement and Geometry, Statistics and Probability
- Proficiency Strands – Understanding, Fluency, Problem Solving and Reasoning

Tiered Vocabulary

- Aligned to the Australian Curriculum and Natural Maths, building stage appropriate maths vocabulary

Minimum Instruction

- 300 minutes per week

PEDAGOGY

Natural Maths Strategies

- Mental Computation in classrooms, demonstrating Natural maths strategies

Problem Solving

- Questions that spark meaningful connections
- Genuine Inquiry and deep thought
- Open-Ended authentic tasks

SA TfEL Framework

- A resource for developing quality teaching and learning

6 Key Principles for Effective Teaching

- Differentiation of Practice, Readiness, Engagement, Lesson Structure, Difference and Goals

Assessment for Learning

- Clear learning intentions, differentiated success criteria and use of formative and summative assessment

Mathematics Numeracy Block Approach

- Catering for Problem Solving, Explicit Teaching and Investigative Practice

ASSESSMENT

Morphett Vale Natural Maths Strategy Sequence Continuum

- Maths Strategies to track individual student progression from R-7

Individual Termly Numeracy Goals

- R-7 short term improvement targets, based off individual goal setting, assessed each term

PAT Maths Online

- Years 1-7

Westwood One Minute Tests

- R-7 Addition and Subtraction – Week 4 Term 2 & 4

NAPLAN

- Years 3, 5, and 7

SeeSaw Online Progressive Portfolio

- Four annotated samples each term
- One sample annotated by the student utilising WALT and WILF

Top 5 'I Can Statements' R-7

- Displayed at the start of each maths unit for teacher/student referral with specific WALT & WILF lesson referral for students
- **Years R-2**
- Shared on SeeSaw at the beginning of a new unit
- Students use traffic light stamp to reflect on their completion of tasks according to the WALT: *green – achieved, orange – with support, red – not achieved*
- **YEARS 3-4**
- Shared on SeeSaw at the beginning of a new unit
- Students reflect on their understanding and achievement at the unit using *1- Not Yet, 2 – Do this with help, 3 – Do this on my own, 4 – I can teach this to someone*
- Students to reflect regularly on their understanding and achievement of Top 5 focus throughout topic using traffic light colours
- **Years 5-7**
- Shared on SeeSaw at the beginning of a new unit
- Students reflect on their understanding and achievement at the end of each lesson and the end of the unit, identifying achievement as: *with support, independently or in new contexts*
- Students to reflect regularly on their understanding and achievement of Top 5 focus throughout topic using traffic light colours

COMMUNITY ENGAGEMENT

- Individual Student Goals sent home each term informing parents and caregivers of their child/ren's current target
- Student-led Numeracy Workshops each term
- Parent Information Sessions

TARGET PROGRAMS

Intervention Programs

- QuickSmart Maths 4-7
- Natural Maths Number Sense 1-3