

200 DAY PLAN: NUMERACY

Standard:

Students will achieve a 'C' or above in Mathematics

Students will achieve the following NAPLAN Proficiency Bands: Year 3: Band 3 and above / Year 5: Band 5 and above / Year 7: Band 6 and above.

Students will achieve the following PAT-M scale scores: Year 3: 40 / Year 4: 45 / Year 5: 50 / Year 6: 54 / Year 7: 55

Target

61% of students in Years 3, 5 and 7 meet DECD's standard of Educational Achievement in 2015 (SEA) NAPLAN

5% of students in Years 5 & 7 shifting from low – medium and medium – high bands in NAPLAN Mathematics

By the end of Term 4 2015 increased numbers of students in Years 3-7 will achieve at or above standard in PAT-m Scale Scores:

Year 3: 75%
Year 4: 72%
Year 5: 70%
Year 6: 64%
Year 7: 33%

Improvement Strategies

- ⇒ Introduce and focus classroom practice on Number and Algebra strand of Australian Curriculum
 - Whole staff engage with Rosslyn Shepherd through 2 pupil free days then modelled/team teaching/feedback lesson with Rosslyn Shepherd
 - Collaborative Release, critical reflection with colleagues to plan, create, facilitate mathematical learning
 - Release teachers to attend focussed training sessions in Mathematics
- ⇒ Implementation of new learning into classroom program
 - Use of Mathematics resources and manipulatives
 - Engage in professional observations and peer feedback sessions
 - Implement digital pedagogies to improve numeracy achievement
- ⇒ Numeracy Improvement Team to develop whole school approach/agreement to teaching and learning using all strands of Australian Curriculum
- ⇒ Introduce 'I Can Do Maths' Testing R-2 to collect initial data
- ⇒ Plot and analyse individual student data (PAT-m, NAPLAN & I Can Do Maths) and use formative assessment to inform practice
- ⇒ Collection of data sets including PAT-m, NAPLAN & I Can Do Maths and analysis by staff and leadership. Entered into EDSAS for ongoing analysis
- ⇒ Targeted intervention processes implemented for identified students at risk based on up to date information
 - Wave 2 Intervention—Participation/Implementation in DECD's QuickSMART Project

Evidence

- ⇒ Data Analysis
- ⇒ Assessment for Learning
- ⇒ PAT-m (Yr 3-7)
- ⇒ I Can Do Maths (R-2) (T2, Wk 6-8)
- ⇒ NAPLAN Year 3, 5, and 7 Mathematics
- ⇒ A-E Mathematics Reporting Data
- ⇒ 3 Waves of Intervention
- ⇒ QuickSMART (Yrs 5-7)

Maintenance:

- ⇒ Continue to audit Mathematics/Numeracy Resources and purchase new resources/equipment