



Education  
Public Schools

# IILA Mathematics Transition Project 2015



Innovation, Inspiration and Learning Alliance

# Mathematics Transition Project IILA

## PURPOSE

To engage mathematical thinkers across school settings.

## IMPROVEMENT MEASURE/S

Improve the achievement of identified target group of students as referenced by NAPLAN analysis.

A decline in Stage 4 students experiencing a lack of engagement in numeracy measured by online survey.

Increase in enjoyment and engagement of mathematics from pre and post survey.

## PEOPLE

**Students:** Identifying selected students per school through school based assessment and NAPLAN data as target group.

High achieving students will be engaged in numeracy learning via a technology platform.

**Staff:** Collaboratively designing learning experiences with a clear understanding of learning continuum between Stage 3 and Stage 4.

**Parents:** Parents clearly see their child is being challenged through meaningful learning opportunities.

Parents are involved and feel valued in the learning process and engaging with their individual school.

**Leaders:** Support and encourage teachers who differentiate the learning target students to provide rich, meaningful and engaging learning.

## PROCESSES

**Data Analysis:**  
Stage 3 and 4 teachers participate in rigorous, deep NAPLAN analysis focusing on skill bands 5 & 6. Teachers will closely analysis the skills students need to move into higher bands.

**Staff Professional Learning:**  
Professional learning for staff unpacking outcomes for working mathematically, open ended tasks and utilising Edmodo technology platform.

**Professional Practice:**  
Teachers collaborate together to design lessons to deliver to their students targeting identified areas from NAPLAN analysis, working mathematically from the syllabus and Stage 4 syllabus.

**Evaluation plan:**  
Formative and summative survey to gauge student's engagement in numeracy learning. Evaluation of Year 7 NAPLAN data (2 year forecast)

## PRODUCTS AND PRACTICES

**Products**  
To increase the percentage of students achieving bands 8 & 9 in Year 7 NAPLAN from across the IILA.

Close the disparity gap between state and school trend data.

Improve student engagement in maths.

**Practices**  
Teachers collaborating together from across the IILA to jointly unpack Stage 4 changes in the learning continuum.

Likeminded students having the opportunity to work together and being involved in shared learning experiences.

A sustainable model of collaboration between all feeder primary schools with established meaningful relationships.



