

St Pius X - Mathematics Annual Action Plan (MAAP) 2015

Innovation Streams	Intended Outcomes	Target	Key Improvement Strategies	Responsibility	Evidence	Status
<p>LEADERSHIP FOR LEARNING</p> <p>Strengthen leadership capacities of leaders at all levels of the school.</p> <p>S.I.P. GOALS <i>To strengthen and sustain a staff culture that is characterised by shared vision, a strong sense of teamwork and a focus on continuous improvement</i></p> <p><i>To improve student learning through contemporary practices and high expectations for all</i></p>	<p>That staff are provided with the skill base and knowledge to confidently design and implement an effective Mathematics program</p>	<p>By 2015 the Staff School Climate index will improve from 86.7 to 91.6</p>	<p>PLT meetings</p> <p>Provision made for SML to attend professional learning days</p>	<p>LT and all staff</p> <p>LT and all staff</p>	<p>Agendas and minutes for staff meetings, PLTs, Numeracy leadership meetings and PD days</p> <p>SML to report back learnings</p> <p>work program & timetables</p>	<p>ongoing</p> <p>ongoing</p>
	<p>That staff develop procedures and utilise resources that support high quality learning and teaching</p>		<p>Provision of common release time (one hour per week) for planning with SML</p> <p>Provision for SML to provide classroom support (mentoring, modelling etc)</p>	<p>SML & LT</p> <p>School Leadership</p>	<p>work program & timetables</p> <p>photos, videos</p> <p>evaluation from all sources</p> <ul style="list-style-type: none"> • Staff • Students • parents 	<p>ongoing</p> <p>ongoing</p>
	<p>That all staff will take responsibility for and be active participants in their professional learning</p>		<p>Structures put in place so that there is a dedicated one hour Numeracy session every day</p> <p>LT to initiate, support and develop family partnerships - Family Engagement in Learning</p>	<p>LT & FSPC</p>	<p>Minutes of combined SPX And MIPS meetings</p> <p>running sheets</p> <p>evaluation</p>	<p>ongoing</p>
	<p>That there will be clear and explicit understanding of roles, responsibilities and expectations for all staff</p>		<p>MIPs partnership with support from James Giannopoulos (CEO)</p> <p>Investigate possible PL for individual staff members or teams</p>	<p>LT, staff & FSPC</p>		<p>ongoing</p>
				<p>Family Maths/Literacy night</p>		

St Pius X - Mathematics Annual Action Plan (MAAP) 2015

<p>CURRICULUM BY DESIGN</p> <p>Develop pedagogic capacities of learning leaders to design and implement a rigorous and relevant curriculum for the 21st Century</p> <p>S.I.P. GOALS To improve student learning through contemporary practices and high expectations for all</p> <p>To strengthen the partnerships and communication within the school and the wider community</p>	<p>That we develop a curriculum that:</p> <ul style="list-style-type: none"> - is guided by formative and summative assessment - is progressive, building on what students know and where they are heading and interrelates different dimensions - provides explicit teaching of mathematical language - is based on the AusVELS curriculum - facilitates opportunities for family engagement 	<p>Numeracy PLT meetings</p>	<p>Uniform format for planning P-6 working towards a curriculum that:</p> <ul style="list-style-type: none"> -provides open-ended tasks -provides problem solving activities in context, -provides rich tasks that challenge (enabling and extending prompts) and cater for children at all levels - caters for the high achieving students as well as those who may struggle with the curriculum - provides explicit tasks for family engagement. 	<p>SML LT Staff</p>	<ul style="list-style-type: none"> - planning documents, - work programs, - timetables - pre and post assessment data - checklists - enabling and extending prompts - level yearly overviews - resources utilised for family engagement -“Maths tips” in the newsletters and on the school website 	<p>Ongoing</p>
<p>TRANSFORMING PEDAGOGY</p> <p>Develop the contemporary pedagogic capacities of teachers to ensure that students gain the knowledge, skills, values and understandings required to succeed in, and contribute to a modern, globalised world.</p> <p>S.I.P. GOALS</p>	<p>That we understand the individual learning styles of the children and are aware of their home learning environments</p> <p>That there is shared, deep knowledge and understanding of common, contemporary practices in teaching and learning</p> <p>That we listen to and acknowledge the students’</p>	<p>By 2015 70% of Yr 3 students and 75% of year 5 students will reach expected levels in numeracy as reflected in NAPLAN</p>	<p>Investigate individual learning styles of students and use results to inform teaching and learning of mathematics</p> <p>Lesson study</p> <p>Participation in PLT meetings, collegial discussions, reflective practice, planning using assessment tools, observations to differentiate the maths curriculum and professional readings</p> <p>Use of whole group tasks and working in pairs</p>	<p>SML and classroom teachers</p>	<ul style="list-style-type: none"> • survey results • planning documents (range of teaching strategies) • checklists • documentation of lesson study 	<p>ongoing</p>

St Pius X - Mathematics Annual Action Plan (MAAP) 2015

<p><i>To improve student learning through contemporary practices and high expectations for all</i></p> <p><i>To ensure all students experience a sense of wellbeing and positive engagement with school.</i></p> <p><i>To strengthen and sustain a staff culture that is characterised by shared vision, a strong sense of teamwork and a focus on continuous improvement</i></p>	<p>mathematical understandings and experiences to facilitate a partnership in learning</p> <p>Teachers understand a curriculum that is progressive and build on students' prior knowledge</p>		<p>Family Maths Wall in corridor</p>	<p>Classroom teachers on a rotational basis</p>	<p>Display (regularly changed)</p>	
<p>ASSESSMENT FOR TEACHING AND LEARNING</p> <p>Develop the capacities of learning leaders and teachers to measure and monitor learning to improve progress of individuals and cohorts of students.</p> <p>S.I.P. GOALS</p> <p><i>To improve student learning through contemporary practices and high expectations for all</i></p> <p><i>To ensure all students experience a sense of wellbeing and positive</i></p>	<p>Teachers collect and utilise data to inform ongoing planning specific to the needs of the individual child or group</p> <p>Teachers are collectively responsible for individual student progress</p>	<p>By 2015 70% of Yr 3 students and 75% of year 5 students will reach expected levels in numeracy as reflected in NAPLAN</p>	<p>Using NAPLAN data, PAT Maths and/or On Demand testing (year 2 – 6), Prep Detour, Early Numeracy Interviews (year 1) and in house-assessment, including:</p> <ul style="list-style-type: none"> - pre and post assessment, - anecdotal notes, - check-lists, - self evaluations, - observations. etc <p>Once a term whole staff analysis of data and moderation. Collegial discussions to address needs</p> <p>Using the yearly overview to moderate a unit each term</p> <p>2D and 3D early second term and Fractions early third term</p>	<p>All staff</p> <p>SML and classroom teachers</p> <p>SML and classroom teachers</p>	<ul style="list-style-type: none"> • record of student results and analysis • assessment folders • planning sheets • PLT minutes <p>Data analysis PLT minutes</p> <p>Data analysis PLT minutes</p>	<p>NAPLAN – term 2 PAT Maths and On Demand – before middle and end of year reports Prep Detour – term 1 Maths Interview - term 1for targeted children Pre and post testing – ongoing</p>

St Pius X - Mathematics Annual Action Plan (MAAP) 2015

<i>engagement with school.</i>						
<p>LEARNING ENVIRONMENT</p> <p>Develop the capacities of learning leaders to promote contemporary school environments which are safe, flexible, inclusive and foster collaboration and creativity.</p> <p>S.I.P. GOALS</p> <p><i>To improve student learning through contemporary practices and high expectations for all</i></p> <p><i>To ensure all students experience a sense of wellbeing and positive engagement with school.</i></p>	<p>That learning environments are engaging, adaptable, inclusive and foster collaboration and creativity</p> <p>That there will be improved parent/family engagement and understanding of contemporary teaching practices</p>	<p>By 2015 the Parent Satisfaction Index will be 83.9</p>	<p><i>Developing classroom maths resources</i></p> <p><i>Development of Numeracy resources</i></p> <p><i>Family Maths/Literacy night</i></p>	<p><i>LT and all staff</i></p>	<p><i>Photos of students using resources</i></p> <p><i>Planning documents</i></p> <p><i>Classroom Maths Walls</i></p> <p><i>Family Maths Wall</i></p> <p><i>Photos, feedback forms, family maths night flyer, copies of newsletter</i></p>	<p><i>Ongoing</i></p> <p><i>Ongoing</i></p> <p><i>2015</i></p>

Mathematics Goal and Targets in AAP

GOAL

To improve student learning through contemporary teaching practices and high expectations for all

+ X

INTENDED OUTCOME

That literacy and numeracy outcomes will improve.

+ X

Last developed November 2014

St Pius X - Mathematics Annual Action Plan (MAAP) 2015

TARGET

Year 3 - Numeracy - 70% - at or above expected level

X

TARGET

Year 5 - Numeracy - 75% - at or above expected level

x