

SCHOOL IMPROVEMENT PLAN FOR Numeracy SEPTEMBER FROM 2015 TO 2018
Themes: Numeracy

<p>Summary of main strengths</p>	<ul style="list-style-type: none"> • Facilitate transfers between maths classes • Differentiation for all levels of learners • Diagnostic tests • Standardised tests • Numeracy is evident in all subjects • 75% of student would like to sit Higher Level Maths for their Junior Certificate • 72% of students are interested in finding the solution of a problem. • 76% of teachers believe that problem solving is part of every subject • 92% of teachers believe numeracy is part of their subject
<p>Summary of main areas requiring improvement</p>	<ul style="list-style-type: none"> • Cross curricular common approach to particular area of difficulty • Maths word wall • Enable students to develop their problem solving skills • Basic Maths skills are taught in a similar manner across all subjects • Visual maths in classrooms and school corridors • Maths challenges and problem solving activities available online to students. • 95% of students believe they could improve their Maths skills • 61% of students believe their maths skills and procedure are used in all their subjects • 61 % of student believe that they use their maths skills in everyday life • 25% of students believe they are good at explaining maths in their own words • 70% of students find some maths words difficult to understand • 70% of teachers believe they can help students with their numeracy skills • 39% of teachers believe they promote a positive attitude towards maths

IMPROVEMENT TARGET	REQUIRED ACTIONS	PERSON/S RESPONSIBLE	MEASURABLE OUTCOMES SUCCESS CRITERIA	TIMEFRAME FOR ACTIONS	REVIEW DATES
May 2016 To increase the number of students interested in solving a problem from 72% to 75%.	Each subject Department will come up with problem solving questions / problems as a starter for their lesson or as part of the lesson itself.	Subject Departments Class teachers	Competency Test Minutes of school development planning days Minutes of staff meetings	September 15 to May 16	September 17
	Make sure students are more maths aware with displays in the corridor	Maths Department	Notice board with various activities displayed Number line on wall for integers Measurement tools on the corridors	September 15 to May 15	September 16
	Increase student's participation and involvement through problem solving competitions on Facebook/ General notice board.	Maths Department Facebook co-ordinators	Number of entries submitted each time competition was run.	December 15 to May 18	September 18

IMPROVEMENT TARGET	REQUIRED ACTIONS	PERSON/S RESPONSIBLE	MEASURABLE OUTCOMES SUCCESS CRITERIA	TIMEFRAME FOR ACTIONS	REVIEW DATES
Increased student confidence around the area of Maths from 25% to 30%.	Peer Education Programme Transition Students to help Junior Certificate students with their numeracy skills.	Maths Teacher & Peer Education Coordinator	Survey Teacher observation Student reflection Minutes of school development planning days Minutes of staff meetings	October 15 to May16	September 2017
Increase the % of teachers who believe they promote a positive attitude towards maths from 39% to 43%.	Teachers to use a range of strategies including Think - Pair - Share to develop student's confidence with regard to their mathematical knowledge and encourage them to share with others.	Maths Teacher All Teachers	Teacher observation	October 15 to May16	September 2017
	Visual Maths Create a numeracy rich environment in classrooms and corridors and general-purpose areas.	Maths Department All Subject Areas	Posters / Timelines / Measurements / Room numbers in alternative formats Walls Corridors Facebook Canteen General Purpose Areas	October 15 to May16	September 2017
	Cross curricular events - e.g. Maths Week	Maths Department & all subject areas	School events focussed around developing and	October 15 - May 17	September 18

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IMPROVEMENT TARGET	REQUIRED ACTIONS	PERSON/S RESPONSIBLE	MEASURABLE OUTCOMES SUCCESS CRITERIA	TIMEFRAME FOR ACTIONS	REVIEW DATES
<p>Increase Student Attainment</p> <p>To improve the learner outcomes in state examinations and increase the uptake of subjects at higher level.</p>	<p>Peer mentoring</p>	<p>Teachers and Peer Education Co-ordinator</p>	<p>Assessments</p>	<p>September 15 to May 15</p>	<p>May 2016</p>
<p>61% of teachers are currently sharing their learning objectives with students. This to be increased to 75% by September 2017</p>	<p>Teachers to display learning objectives with students at the beginning of the lesson.</p>	<p>Core Numeracy team Teachers</p>	<p>Departments use PDST analysis of Junior/Leaving Certificate tool to track results over a 5 year period.</p> <p>Annual review of subject specific keywords for exam groups.</p>	<p>September 2014 - December 2017</p>	<p>January 2016 December 2017</p>
		<p>All Teachers</p>			