

School Improvement Plan

Cabinteely Community School

Numeracy for September 2014 to May 2017

Evaluation Theme NUMERACY	Improvement targets (related to student achievement)	Required actions (related to teaching and learning that will help achieve the targets)	Persons responsible	Timeframe for Action	Success Criteria/ Measurable outcomes	Review Date
Learner experience	To increase the number of students able to convert fractions to percentages From 25% to 45% in year 1 and to increase year 1 result by 10% in year 2 and to increase year 2 result by 10% in year 3	Results of all exams to be given as a fraction Agreed method of conversion to % displayed in classrooms . All students to work out result as a %	SGN MKL All staff	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	Maths Competency test re administered	September each year Up date to all staff via e mail
	To increase the percentage of pupils able to complete number patterns from 36% to 66% by Year 3(10% increase each year)	All staff to highlight areas where number patterns exist in individual subject areas e.g. centuries in History	OBT JMY CoreTeam All Staff	Ongoing	Maths quiz each term with just pattern and fractions called ten minute quiz prizes for winner presented at assembly	As above
	To increase the number of students able to interpret and draw a pie chart / Bar Graphs (this is linked to fractions target)	Display of subject specific pie charts/ bar graphs in classrooms . Each staff member to use drawing /interpretation of charts as part of homework/assessment at least once a term .	All Staff	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	Audit by OBT JMY	November each year 2015, 2016, 2017
	To create a numeracy rich environment in public areas of school	Transition Year Project on improvement of visual numeracy in school. Numeracy wall	Students in conjunction with Art Department / TY Coordinator / Numeracy Link Teacher	May 2017	Audit Core Team	September 2017

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Learner Outcome	To increase the number of students taking higher Level Maths in Junior Cert	Banding for first year maths SIP Maths week Maths Eyes	OBT JMY Maths Dept	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	Numbers increase	November each year 2015, 2016, 2017
	That students can meet the Literacy /numeracy challenges of their subject		All Staff	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	State Exam results overview	November each year 2015, 2016, 2017
Teacher Practices	To increase the % of teachers using charts/graphs as a teaching aid from 70% to 100% by Year 3 (10% per year)	Display of subject specific pie charts/ bar graphs in classrooms . Each staff member to use drawing /interpretation of charts as part of homework/assessment at least once a term .	All staff	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	Repeat staff survey Audit OBT /JMY	Sept 2015 Sept 2016 Sept 2017
	To increase the number of teachers that encourage students to do estimates prior to using a calculator from 8% to 30% by year 1 and by a further 20% year2 and 3	Calculator in the bag Use of calculator for test results and simple calculations in class One class per term/ month where use of calculator is related to subject specific numeracy.	All staff	Ongoing	Repeat staff / student survey	Term 1 each year
	To increase the number of teachers who feel there is consistent approach to maths calculations and language across the school from 8% to 30% by year 1 and by a further 20% year2 and year 3	Peer observation/ peer teaching / tutorial on theme for the month Use of VShare	OBT JMY/ Maths Dept/ All staff Numeracy Link teacher	May 2015 Year 1 May 2016 Year 2 May 2017 Year 3	Staff survey/ Student survey	Sept of Year 1/2/3