

St. Joseph's National School



School Improvement Plan in Numeracy 2014-2017

Baseline data	<ul style="list-style-type: none">• The percentage of pupils below the 2nd to 16th percentile is lower in comparison to the normal distribution.• The percentage of pupils above the 98th percentile is much higher than the normal distribution.• The percentage of pupils between the 51st and 84% percentile is lower than the normal distribution.• The majority of parents know how to help their child progress in numeracy.
Summary of main areas requiring improvements	<ul style="list-style-type: none">• Teaching problem solving strategies at whole school level.• Increasing opportunities for pupils to engage with Maths.• Increase the use of Maths in the school environment through creation of Maths trails within and outside the school building.• Increased use of Maths games.• Examine strategies to provide challenge for more able students in Maths.• Examine how we can support parents with regard to the content, methodologies and language of Maths.

1. Decrease percentage of children from 3 rd to 16 th percentile from 11.4% to 10%.	Required Actions Learning Support for children scoring a Sten of 3 or below. Each teacher teaches two classes for Maths for an hour daily. There is a 10 minutes slot in the afternoon for oral Maths.	Success Criteria / Measurable Outcomes Improved standardised test scores	Persons Responsible All staff	Timeframe for Actions June 2017
2. Decrease percentage of children from 17 th to 50 th percentile from 34.1% to 32%	Each teacher teaches two classes for Maths for an hour daily. There is a 10 minutes slot in the afternoon for oral Maths.	Improved standardised test scores	All staff	June 2017
3. Increase percentage of children from 51 st to 84 th percentile from 31.8% to 35%.	Each teacher teaches two classes for Maths for an hour daily. There is a 10 minutes slot in the afternoon for oral Maths.	Improved standardised test scores	All staff	June 2017
4. Increase percentage of children above 85 th percentile by 1%.	Extension activities. Brain smack. Mathletes Challenge.	Improved standardised test scores	All staff	June 2017

	Khan Academy			
5. Whole school approach to problem solving.	Use problem solving throughout the week. Use R ead U nderline D raw E stimate	Improved standardised test scores in problem solving	All staff	June 2017
6. Creation of one maths trail per classroom	Creation of Maths trails within and outside the school building. Integrate with SESE trails. Use of PDST website and online resources.	Increased opportunities for pupils to engage with Maths such as Maths Week	All staff	June 2017
7. Support parents in numeracy	Send home handout explaining subtraction. Home school links page in Maths Book.	Improved standard of homework	All staff	June 2017
Monitor and Review	<ul style="list-style-type: none"> Review annually and in more detail in June 2017 			