	School Improvement Plan for Numeracy					
June 2015 (2015-2018)						
						Baseline data
	trails, emphasis on everyday situations e.g best value for money when shopping versus price. WSE Report: It is recommended that in-class support should emphasise differentiated group teaching of numeracy There are opportunities to enhance problem solving skills through differentiated group work					
Strengths identified	 SIGMA T scores are above the national norm averages in all classes Operational strategies are refined Aistear as a means to reinforce mathematical language in a child friendly and fun way Good standard of maths in relation to the national average Team Teaching Upskilling and CPD High motivation of children and teachers Maths Recovery Online homework in 5th class 					

	Use of IWB				
	 Use of IWB Numicon materials/Number Buddies 				
Summary of main areas requiring improvements	An emphasis on the teaching and learning in Problem Solving Application of Maths to real life Acquire more concrete materials and use more concrete resources for the teaching of Maths				
Improvement Targets (2015-2018)	 Increase the number of children who can cite 3 other applications of Mathematics outside of school besides time and Money from 20% to 60% over 3 years To increase the percentage of children numbering work in their Maths copy in 1st to 6th classes from 60% to 80% over 3 years To increase the percentage of children dating their work in 1st to 6th classes from 26% to 50% over three years To increase learning opportunities for high achievers in 5th and 6th classes from 0% to 25% over 3 years, specifically in enrolment in Mathlete Challenge/Khan Academy. To increase the percentage of children in 1st to 6th classes giving a correct response in SIGMA T problem solving from 49.5% to 55% over 3 years. 				
	Year 1	Year 2	Year 3		
Required Actions	 To enrol pupils in 5th and 6th class in Mathlete's Challenge in Khan Academy to challenge high achievers through ICT. To conduct a monthly check by class teachers to ensure that numbering and dating of work is occurring 1st to 6th classes An annual copybook analysis to be 				

carried out by the Learning Support team (1st to 6th Class). • To introduce four maths trails per class per year in all classes (Junior Infants to 6th classes). • To introduce Maths Eye projects in classes twice yearly (Junior Infants to 6th classes) to stimulate observation of Maths in the environment. To address the area of problem solving skills, engage in the following initiatives: 1. Greater use of ICT 2. Use of board games 3. Open ended puzzles		
Monitoring/Evaluation	XX/log 9	How?
When? Monthly discussion among staff members surrounding progress in the area of oral language development, including their speaking and listening skills	Who? Class teachers	How? Teacher discussion Teacher Checklists Teacher Observation of children's oral presentations and observation of speaking and listening skills Staff meetings/discussions

Success Criteria / Measurable Outcomes (2015-2018)

- Standardised test results in Problem Solving will be analysed at year end to track performance & see an increase in test score data.
- Teacher tracking of children's maths progress in ICT games in 5th & 6th to ensure they are progressing to the next level.
- Teachers to conduct monthly review of copies in 1st & 6th class to ensure that work is dated and numbered. End of year copybook analysis by Resource/Learning support team (1st-6th) 1st to 6th classes, six children per class.
- Maths coordinator to re-survey pupils (1st-6th) to measure increased awareness of maths in the environment.
- Maths coordinator to survey pupils (infants -6th) after Maths Trails to elicit enjoyment of; attitude towards & skills acquired.