

### School Improvement Plan - Numeracy

Summary of main strengths	<ul style="list-style-type: none"> <li>• Pupils are performing above the national norm with 85% scoring above the 50<sup>th</sup> percentile rank, and with 20% of pupils scoring at the 99<sup>th</sup> percentile or above compared with 2.5% nationally.</li> <li>• Teachers reported that most pupils enjoyed mathematics and were motivated to learn.</li> <li>• In computations and procedures 80% of pupils scored above the 50<sup>th</sup> percentile rank, and in concepts and facts 90% scored above the same percentile.</li> <li>• Good resources available within the school.</li> </ul>			
Summary of main areas requiring improvements	<ul style="list-style-type: none"> <li>• Intervention needed in current 3<sup>rd</sup> class to increase motivation and performance.</li> <li>• Specific problem solving strategy needed across all class levels.</li> <li>• Time spent on problem solving must be increased.</li> <li>• Improvement of mathematics learning environment.</li> </ul>			
Improvement Targets	Required Actions	Success Criteria/Measurable Outcomes	Persons Responsible	Timeframe for Action
1. Introduce specific problem solving strategy across all class levels.	Explicit teacher modelling of RUDE strategy: Read, underline, diagram, estimate.	Children able to recall and apply RUDE strategy in Sigma-T tests 2016.	Class teachers, Learning Support teacher.	September '15 – May '16
2. Increase time spent in class on problem solving.	Introduce 2 x 15 minute weekly problem solving sessions at all class levels.	Teachers can state in Cúntas that these 2x15minute weekly sessions have been adhered to.	Class teachers, Learning Support teacher.	September '15 – May '16
3. Improve learning Environment	RUDE strategy and sample problems to be displayed in both classrooms.	Interactive displays visible in both rooms, which children make use of when problem solving.	Class teachers, Learning Support teacher.	September '15 – May '16
4. Intervention in current 3 <sup>rd</sup> class to increase motivation and performance.	Extra mathematics lessons for current 3 <sup>rd</sup> class with Learning Support teacher.	Improvement of at least 10 points in overall class based standardised scores in Sigma-T tests in May 2016.	Senior room teacher, Learning Support Teacher.	September '15 – May '16
<b>Monitor and Review</b>	When and how you intend to review and discuss these actions and results etc. <ul style="list-style-type: none"> <li>• Targets 1-3 to be reviewed at end of each school term.</li> <li>• Target 4 to be reviewed monthly between learning support and class teacher.</li> </ul>			

