St. Michael’s Primary School and Centre for Autism,

Patrick Street,

Trim,

Co. Meath.



**SCHOOL IMPROVEMENT PLAN FOR NUMERACY**

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| **School Improvement Plan For Numeracy** | |
| **Strengths** | **Areas for Improvement** |
| * Well stocked maths library. * Mental Maths in every class daily for 10 minutes. * 85% of parents reported that their children liked maths. * Use of concrete materials and interactive whiteboards during maths class. * Overall attainment in Drumcondra Standardised Maths Tests are well above average with 65% of pupils scoring above the 50th percentile rank. * All pupils have individual mini whiteboards which encourages participation in maths class and enhances the reasoning process. * Print rich maths language environment. * Pupils are actively involved in assessing their own work through completion of SALF folders. * Weekly assemblies and “Good Work Wall” affirm pupils’ efforts. | * Problem solving. * Need for uniform approach to support pupils’ problem solving strategies. * A common approach to the teaching of tables is required. * Increase opportunities for pupils to engage with Maths. * More ICT opportunities to form integral part of Maths lessons. |
| **Targets**   * Increase the percentage of pupils who reported that they would be able to explain clearly to others how a maths problem was solved from 47.5% - 52% over three years. * Increase the percentage of pupils achieving over the 51st percentile in Drumcondra Standardised Maths Test from 65% - 67% over three years. * Increase the percentage of pupils who report that they like solving maths problems from 67.5% - 70% over three years. | |
| **Actions**   * Introduce a uniform approach (RAVECCC) to support pupils’ problem solving strategies.   **R-**read**, A-**attend to key words**, V-**visualise**, E-** estimate**, C-**choose numbers**,**  **C-**calculate**, C-** check**.**   * Decide on common approach when teaching tables.( 3x4 = three fours) * All classes will engage in “A problem a day”. * Increase opportunities for pupils to engage with maths:- * Maths4Fun hours. * Increased use of maths games/puzzles. * Creation of maths trails within and outside of the school building. * Purchase of class set of iPads. All pupils will have access to their own iPad for two forty minute sessions per week. * Encourage more widespread use of interactive whiteboards during maths lessons. * Principal and Deputy Principal to attend CPD numeracy courses. * Creation of Estimation Stations in all classrooms. * Pupils continuing to engage in mental maths activities for 10 minutes daily. * Continue to develop maths print rich environment throughout the school. * Tests will be administered to pupils on completion of each new topic in maths. Parents/guardians are asked to sign these tests results and make an appointment to speak to the class teacher should they have any concerns. * Participation in Maths Week for all pupils with a particular focus on problem solving. | |
| **Monitoring/Evaluation**   * **When?**   Review Dates:- June 2015.  June 2016.  June 2017.   * **Who ?**   All staff.   * **How?**   Teachers’ observations/designed tasks, pupil work samples, standardised tests scores, self assessment folders and feedback from parents/pupils. | |
| **Success Criteria**  Success will be based on the achievement of our targets. | |