

Mount Street Nursery & Infants School



Mathematics Policy

Date	21 st February 2022
Review Date	February 2025

Mathematics and Numeracy Policy

DONALDSON REVIEW

Mount Street Infants School specifically recognise the following recommendations in planning for the development of Mathematics and Numeracy in the school:

All teaching and learning should be directed to achieving the four curriculum purposes. The purposes of the curriculum in Wales should be that children and young people develop as:

- ambitious, capable learners, ready to learn throughout their lives
- enterprising, creative contributors, ready to play a full part in life and work
- ethical, informed citizens of Wales and the world
- healthy, confident individuals, ready to lead fulfilling lives as valued members of society.

Teachers should apply the pedagogical principles identified in this report when planning their teaching and learning, to ensure that the activities relate directly to the curriculum purposes.

INTRODUCTION

This policy offers a summary of the teaching and learning of Mathematics and Numeracy as we transition from the Foundation Phase Curriculum to the Curriculum for Wales at Mount Street Infants School.

GENERAL AIMS

This policy aims to outline our current practice and also points to the next steps in our journey to implement the curriculum revisions introduced by the Welsh Government going forward.

CURRICULUM SUBJECTS COVERED BY THIS POLICY

Mathematical Development

PLANNING

The school has developed a consistent approach to planning. For Mathematics and Numeracy, the starting point is the ERW Mathematics Termly Planning. Medium term planning for number skills uses the ERW Mathematics Termly Planning and LNF. On weekly planning, key skills, learning objective, activities, differentiation, AFL strategies are identified as appropriate. Mathematical skills are written in child friendly language starting with "I can..."

Cross curriculum opportunities both inside and outdoors are identified.

ORGANISATION

Mount Street Infants School is committed to developing pupils' skills via a holistic rich cross curricular approach, where all subjects are taught in a meaningful topic-based context. Mathematics and Numeracy lessons are taught during the morning session, afternoon session, outdoors, within school woodland.

RESOURCES AND MANAGEMENT

The Maths co-ordinator audits resources.

The class teachers identify children who are in need of additional support to acquire mathematical skills. Support can be within class in a small group or through an Intervention Plan.

ASSESSMENT

All Reception children are assessed in their first 6 weeks to gain a baseline of their current skill level. Teacher assessment is gained through a range of classroom activities.

Appropriate assessments will be undertaken to provide an indication of progress in line with the Curriculum for Wales progression steps.

Termly pupil progress checks – teachers assess individual progress, and this is tracked.

Observations of practical activities inform future short-term plans to enable all children to progress within the Progression Steps.

The annual statutory National Numeracy Procedural and Reasoning tests are administered in Year 2.

A separate policy for marking also exists.

DIFFERENTIATION & ALN

Each teacher differentiates accordingly across the year group/groups. Lessons and activities are planned appropriately to the individual needs of all learners to take them to the next steps within their learning. Lessons are differentiated to meet the needs of the learners by task, outcome, quantity, questioning, support.

Pupils who are identified as having ALN will be provided with IDP which will identify their specific needs with regards to mathematical development. The class teachers will liaise closely with the ALNCo and parents. The effectiveness of the IDP's will be evaluated regularly.

MONITORING

Standards of teaching and learning in Mathematical Development are monitored by the Headteacher and wider senior leadership team. The school is also developing a team approach to subject leadership. 'Book looks', sharing of planning and good practice are undertaken by staff on a regular basis

SKILLS (INCLUDING LNF, ICT, DEVELOPING THINKING)

Teachers across all year groups plan topics and learning experiences which teach, develop, consolidate and enhance Literacy and Numeracy skills in core subjects and across the curriculum. Literacy, Numeracy and Digital Competence are applied and embedded within all other areas of the curriculum.

POLICY INFORMATION

Policy	Mathematics and Numeracy
Date updated/adopted	21 st February 2022
Policy updated/written by	J O'Shea & R Thomas
Signed - Headteacher	
Signed – Chair of Governors	
Review Date	February 2025