

Mathematics Policy (Specific Area)

To be reviewed Annually.

Policy Agreed October 2019. To be reviewed October 2020.



Aim/Intent

At Everton Nursery School and Family Centre, the aim is to provide children with opportunities to develop and improve skills in counting, understanding and using numbers, calculating simple addition and subtraction problems and to identify and describe shapes, spaces and measures.

Objectives/Implementation

- To provide mathematical experiences that start with what children already know, understand and can do.
- To support children's mathematical learning with parents/carers and recognise their fundamental role at home and nursery.
- To develop mathematics through first-hand, practical experiences based upon play, games, communication, exploration, problem-solving and representation.
- To utilise the whole learning environment, both indoors and outdoors to develop mathematics.
- To create a nursery environment that positively promotes mathematics, including number and shape, space and measure.

Co-ordination of this area of learning

Across the school/centre, mathematics is co-ordinated by the Teaching staff and is supported by Early Childhood Educators. The Nursery School has a mathematics curriculum coordinator. Together they lead the co-ordination of mathematical learning and teaching across the school/centre. This involves leading mathematical display work, purchasing and storing resources and monitoring standards of achievement in this area. Regular training is undertaken throughout the academic year to extend specialist knowledge.

Planning

The 'Curriculum, Learning and Teaching Policy' underpins each area of learning within the school/centre's early childhood curriculum. Within mathematics a particular emphasis is made upon songs, finger rhymes, games and incidental, contextualised opportunities for mathematical learning and teaching. The planned role of staff is crucial for developing mathematical language and enhancing children's enthusiasm and confidence in mathematics within their daily lives.

Resources

All adults working with children across the school/centre have a key role in developing mathematics. Physical resources are mainly kept within each wing e.g. wooden blocks, counters, Numicom and board games. Additional resources are located in the central store cupboard and in the Food Preparation Room such as baking equipment.

Accommodation

The whole school/centre has potential for supporting mathematical learning and it is in more than one area of each wing.

Home / Nursery links

The 'Parental Partnership Policy' emphasizes the importance of parents/carers in supporting children's learning. Courses for parents/carers are provided to promote mathematics through play. Staff at the school/centre develop and teach on the mathematics courses.

Impact

The Everton Assessment structure outlines how we assess children's learning across all areas of learning. The context of children's mathematical experiences is recognised as crucial in assessing their abilities. The Early Years Outcomes document and Precision Teaching is used as a basis for assessment of mathematical learning for the birth to five year olds.

Policy Review

This policy is evaluated annually by the Curriculum, Children and Family Committee (see Curriculum, Learning and Teaching Policy) and the curriculum co-ordinator. They review the mathematical display work around the school/centre (see Display Policy) and discuss the standards of achievement by the children in mathematics. The Curriculum Co-ordinator will be responsible for highlighting areas that have emerged through 'Appraisal' to the Headteacher/Head of Centre. Everton Nursery School and Family Centre staff are committed in developing their expertise in early childhood mathematics through sharing their knowledge as well as attending 'in-house' in-service training and external courses. This is recognised under the school/centres 'Professional Development Policy'.

This policy was reviewed by a group of five Governors on behalf of the Curriculum, Children and Family Committee on Thursday 1st October 2019 and ratified at the Governing Body meeting of Everton Nursery School and Family Centre Governing Body on Thursday 10th October 2019.