

Numeracy – Intent, Implementation & Impact

Intent

At The Aspire Hub we recognise the importance of numeracy throughout each child every day and future life. It enables children to understand relationships and patterns in both number and space in the world around them and is essential to everyday life.

Numeracy is a journey and a long-term goal achieved through exploration, classification, practice and application over time. At each stage of learning children should be able to demonstrate a deep, conceptual understanding of the topic and build on this over time.

We intend to –

- Become fluent in the fundamentals of numeracy
- Develop conceptual understanding and the ability to recall and apply knowledge rapidly
- To reason and problem solve by applying numeracy to a variety of increasingly complex problems
- To build upon children's knowledge and understanding
- To develop resilience that enables all children to reason and problem solve with increased confidence

Implementation

The Numeracy Curriculum is led by our Room Leaders and overseen by our Curriculum Lead alongside SLT. They will regularly monitor, evaluate and review the Numeracy Curriculum. SLT complete regular formal observations of classrooms and lessons, along with informal observations, critiquing constructively and celebrating and sharing good practice.

We use the White Rose Maths Curriculum and their supporting resources, amongst others for differentiation.

Formative assessments will be integrated into every day Numeracy teaching to ensure teachers have an in-depth knowledge of children's learning and to inform their next steps. Low stakes testing is a great way of getting pupils to retrieve information and track whether pupils remember key aspects of the subject taught. We will do this with regular assessment and by supporting an environment that allows children to revisit and secure their knowledge in Numeracy.

- Multiple choice quizzes
- Key word definitions (mathematical language)
- Timetables speed tests
- Identifying different measurements and shapes

All children's efforts will be celebrated. Work that reflects the efforts of all children will be displayed and named.

Impact

Our numeracy Curriculum should ensure that –

- Children leave confident in their numeracy abilities and independent work
- We are fostering enthusiasm about numeracy and share this enthusiasm with the children
- Children's progress is evident in assessments

- Children are able to independently apply their knowledge to a range of increasingly complex problems
- Children are reasoning with increased confidence and accuracy.

