



The Reddings Primary and Nursery School

Maths Subject Policy

Subject Statement

Maths is essential to everyday life; it is critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. Our aim at The Reddings is for all children to achieve a high level of maths fluency and reasoning to allow them equal opportunities in the future. All teachers have a responsibility in this and it is expected that maths teaching will take place every day. Teachers are encouraged to use multiple teaching and learning styles to make maths a fun and engaging subject that is embedded across the curriculum where possible.

Progression of skills and knowledge

The progression of mathematical skills and knowledge is routinely shared with all staff. This guidance is available in written form and stored centrally in the RMStaff → Policy → Maths folder.

Appendix (i) is the written calculation guidance, as suggested by HfL.

Appendix (ii) is the mental fluency guidance from HfL.

Planning Expectations

At The Reddings, we follow Herts for Learning Essential Maths material.

Topic overviews are written at the beginning of each topic, identifying areas of coverage of knowledge and skills. There is a long term plan for each year group as part of the provided documentation. This provides a clear overview of teaching and learning across the school, the year and through each Learning Sequence. The planning expectation is that as a Learning Sequence progresses, the teacher will annotate the plans accordingly.

Planning Format

The Learning Sequences are not attached to this document due to length. They are held centrally in RMStaff → Subjects → Maths → HfL → Essential Maths; they are also available through the HfL PA Plus subscription portal.

Teachers are expected to annotate the documentation provided from the HfL Essential Maths materials. It is pointed out that one step in a learning sequence is not necessarily one lesson, hence the need for annotations.

Assessment

Assessment is an on-going, formative process in Maths. Teachers use their classroom assessments and annotations to adapt planning to ensure effective support and challenge. At The Reddings, we use the HfL assessment steps to measure attainment and progress. Evidence against the statements is collated as part of an ongoing process using Classroom Monitor. Data is provided to the subject specialist and SLT by teachers half-termly, with formal, tested, assessments supporting judgements termly in KS2.

The tested assessments are held: October (before half-term); at the end of the Spring term and at the end of the summer term. The formal tests used are purchased from NFER and Testbase, to allow national comparisons to take place in all year groups, away from the Statutory Assessments.

Statutory Assessment Tests (SATs) take place at the end of Key Stage 1 and Key Stage 2. The subject specialist provides an annual analysis of the statutory assessments to the SLT and Governing Board.

Resources Used

Every classroom has a wide range of physical resources to use within maths teaching. The progression of maths is encouraged to follow the model of concrete → pictorial → abstract to ensure understanding builds; the use of manipulatives is necessary for this approach.

Monitoring

Monitoring of maths, including but not limited to, curriculum coverage, marking book checks and planning annotation checks, will take place at least termly, unless further requested by the Senior Leadership Team. This will be by the maths subject specialist and reports are

produced as part of the Core Plan monitoring process. Outcomes of monitoring are fed back to the staff and teacher specific feedback forms part of the 'teaching over time' document.

Governors will monitor the policy through their Governor visit programme which may include work scrutiny, pupil voice and progress data analysis.

Renewal of Policy

This policy should be reviewed at a minimum every three (3) years. Should key changes occur in the curriculum or with maths teaching pedagogy, the policy should be reviewed earlier if necessary.