



Curriculum Statement for Mathematics at Crazies Hill CE Primary School

Intent

At Crazyes Hill CE Primary School we aim to develop confidence and a positive attitude towards learning in mathematics as well as developing resilience when problem solving. Children become aware of the relevance mathematics has to everyday life.

It is important that our children acquire basic numeracy skills and knowledge including the recall of number bonds and multiplication facts. Children develop their fluency in the fundamentals of Mathematics so that they are able to recall and apply their knowledge rapidly and accurately. Practical work and concrete apparatus is vital to enabling children to consolidate their learning and to apply new skills.

Children are encouraged to reason mathematically by following a line of enquiry and justify and explain their thinking or provide proof using mathematical language. Children are able to solve problems by applying their skills to a variety of problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Implementation

Daily mathematics lessons follow the National Curriculum and we use White Rose to support our planning and teaching. Our teachers aim to strike a balance between teaching calculation methods, which are taught in line with the school's Calculation Policy and teaching problem solving skills, as well as specific mathematical vocabulary.

We encourage children to apply their calculation skills and mathematical knowledge to investigations and puzzles. Mathematics work in class, is differentiated, allowing all children to complete work at a level that challenges them. Additional support is provided for those children who find areas of their year group's expectations challenging.

Impact

Through our Mathematics curriculum, our pupils will develop an enjoyment and curiosity about maths regardless of their attainment or background. Our pupils also will be equipped with the fluency, reasoning and problem solving skills that will enable them to be numerate and mathematically creative members of society.

Each of our school values can be seen through the teaching of mathematics:

- ❖ Children become more **resilient** and take increasing ownership over their learning; trying new things, challenging themselves and learning from their mistakes.
- ❖ Children develop their **relationships** with their peers through partner work and group activities.
- ❖ Children learn **respect** through using concrete apparatus correctly.

Assessment

Assessments of the children's knowledge and understanding is ongoing throughout the year. Every half term, teachers update each pupil's mathematical progress on the school's assessment system, Target Tracker. Assessment includes observations, discussions and written outcomes. A summative assessment of whether a child is working at age related expectations and a comment about their attitude to learning in Mathematics is reported to parents/carers during parents' evenings and in a written annual report.