



Numeracy Curriculum Statement

We aim to give the children a secure understanding of the basic mathematical skills, a solid foundation upon which they can build as they move through their education. A good mathematical knowledge is an essential skill for everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.

Planning

Teachers use White Rose to plan engaging and interesting lessons. Children learn a wide range of mathematical skills, including calculations, number, geometry, measures and statistics. Mental maths skills are promoted and children will practise these on a daily basis. Children learn to apply their mathematical knowledge when problem solving and are given opportunities daily to reason about their mathematical learning. Children can relate their learning to real life contexts. Where possible, practical resources, activities and games will be used to promote maths learning.

Mental Arithmetic

Children will develop a range of mental calculation skills. They will learn to recall number facts and apply these when calculating and problem solving. Children will learn their times tables and can practise these using the Times Table Rockstars programme. All children in Key Stage 2 will have a username and password to access TTRS both at home and at school.

Calculating

In Key Stage One, children are introduced to the four operations; addition, subtraction, multiplication and division. Throughout Key Stage Two, children learn to calculate fluently both mentally and using written methods.

Problem Solving

The ability to solve problems and think mathematically is important in everyday life. Children will be introduced to a wide range of problem solving activities. They will be encouraged to work systematically, to discuss their methods and reason about their answers when problem solving.

Cross Curricular Links

At Castle Batch, Numeracy is taught daily but children practise and apply their maths throughout the school day in other subject areas such as Science, PE, ICT and Design Technology.

Marking

All work is marked and children receive regular feedback either verbally or through marking on their progress and achievement.

Assessment

Children's progress is regularly assessed and lessons are planned to have appropriate levels of challenge. In Key Stage 2, children complete a PUMA assessment 3 times a year.

Interventions

Interventions are used to ensure that all children leave Castle Batch as confident mathematicians.

Homework

All children in KS1 and KS2 will receive weekly Numeracy homework. Children will either have a paper based piece of homework or an activity to complete online using Mathletics. Children in KS2 will also be expected to spend time each week practising their times tables at home using Times Table Rockstars.

Please also see our Calculation Policy to see progression through calculation at our school.