

Mathematics

At Captain Cook Primary School, we intend to provide a maths curriculum that is accessible to all children, will maximise the development of every child's ability and provide them with vital tools for future life. We deliver maths lessons that are creative and engaging, allowing children to work both independently and co-operatively in order to develop a deep understanding of the subject. It is our aim for children to make rich connections across mathematical ideas to develop fluency: they will have a sound grasp of mathematical vocabulary and formal methods for calculating, along with the ability to recall and apply knowledge rapidly and accurately. They will also become confident to reason mathematically by developing an argument, providing justifications and conjecturing relationships in addition to having the competence to solve a variety of increasingly sophisticated one-step and multi-step problems. We strive to ensure that each pupil is ready for the next step of their mathematical journey; our lessons are therefore sequenced effectively to build on prior learning. Pupils who grasp concepts more rapidly will be challenged accordingly, whilst those who are not sufficiently fluent will consolidate their understanding, through additional practice, before moving on. By encouraging the application of mathematical skills and knowledge to other areas of the curriculum, children will begin to recognise its huge importance in everyday life. It is our intention that, during their time at Captain Cook Primary School, our pupils will grow an appreciation of the power of mathematics and will develop a sense of enjoyment and curiosity about this fascinating subject that will support them in the next stage of their learning.