Cultural Capital

'the essential knowledge that pupils need to be educated citizens, introducing them to the best that has been thought and said and helping to engender an appreciation of human creativity and achievement'

Department: Maths

In maths we provide knowledge and understanding of financial matters, teaching pupils explicitly about such things as compound interest and depreciation, as well as concepts such as tax, deposits and mortgages. Through work on representing and analysing data pupils begin to think critically about information that is presented to them as well being exposed to situations where data may be misleading. Furthermore, examples are often used that draw attention to key issues such as debates around climate change and deforestation. When teaching standard form pupils' attention is drawn to the wonders of the solar system and the wider universe by using examples based around the speed of light and distances between celestial bodies. Speed, distance and time and mass, density and volume problems make strong links with Science and help pupils understand mathematics as the language of Science. The history of mathematics is explored which demonstrates the universal nature of the subject and the notion that different cultures have, at different times, been at the forefront of development in the subject. Pupils learn about famous mathematicians, such as Pythagoras and Fibonacci, along with the theories or rules they are famous for.