

Favourite number



In an Upper 3 maths lesson this week I asked the pupils to choose their favourite number. Samaya's favourite number was the most unusual, 106. Choosing their favourite number led to each pupil exploring the mathematical properties of their number. Pupils stood up if they thought their number was prime, if they thought it had a multiple of 20, a factor of 3, if it was a square number etc. As each number was different the pupils had to think carefully for themselves. At this point Samaya was regretting having such a large favourite number! This activity led us into the lesson content on factors, multiples and primes where pupils learnt about lowest common multiples and highest common factors.

Can you work out my favourite number? It is odd, has two digits and is a cube number.

What are the properties of your favourite number?

Mrs Rebecca Pease