

Maths Calculation Methods used in Year 6 at Dunmore



**Links to useful demonstration videos for parents
(and Y6s who would like a reminder when
completing homework or practising Arithmetic!)**

Column Addition

<https://www.youtube.com/watch?v=ZRkilgilbn0> (Corbett Maths)

Column Subtraction

<https://www.youtube.com/watch?v=6UCV8919-ZQ> (Corbett Maths)

Column Multiplication

<https://www.youtube.com/watch?v=wayoClgl08I> (Corbett Maths)

Multiplying a decimal by a whole number

<https://www.youtube.com/watch?v=BAwkn4hGGyg> (Corbett Maths)

Multiplying a decimal by another decimal (Method that removes the decimal points, calculates the multiplication and then shows you where to put the decimal point back in.)

<https://www.youtube.com/watch?v=Dm028SSei88> (Math with Mr J)

Short Division (sometimes referred to as 'bus stop method')

<https://www.youtube.com/watch?v=q3Jk6W4oDgw> (Corbett Maths)

Short division with a remainder or decimal answer

<https://www.youtube.com/watch?v=DHrjDo8J9S4> (Corbett Maths)

Multiplying and dividing decimals by 10, 100 or 1000 (This demonstrates how the digits move up and down columns on a place value chart, rather than using the misleading and incorrect expression of 'add zeros', which does not work for decimals!)

<https://www.exp11.com/t/multiplying-decimals-by-powers-of-rules-examples-9077> (exp11)

Method taught in class for **rounding to any target column** (e.g. rounding a given number to the nearest 10, 100, 1000, $1/10^{\text{th}}$, $1/100^{\text{th}}$ and so on. The procedure explained will work for rounding to any size column.)

<https://www.youtube.com/watch?v=fd-E18EqSVk> (Math Antics)

We will aim to keep adding demonstration videos for further methods, as the year goes on!

We hope that you find this useful in supporting your children at home.