

MATHS ARITHMETIC YOUTUBE LINKS

Below are links to some YouTube videos I have created to explain some of the methods children use in maths lessons at St Bede's. I apologise that they're a bit dull – it's tricky to be enthusiastic talking to a screen - but hopefully they will help you understand the methods we use with the children (they are mostly aimed at the methods used in Y5 and Y6 so Y3/4 may be using slightly different methods that will eventually lead up to these). Sections highlighted in 'grey' are other sites I have found useful on the internet – not a 'Mrs Wainwright' creation - like all of the others! Hope you find these useful, *Mrs Wainwright*

CONCEPT	YOUTUBE LINK
The formal methods of the four operations (x, ÷, -, +)	
Formal methods of multiplication (long and short methods)	https://youtu.be/hOt88CwmQdM
Short division method	https://youtu.be/Q9dG_apCauQ
Long division (division by a 2-digit number) – includes the 'coin method' as a help box	https://youtu.be/gMOeuSr11Fs
Long division showing the remainder as a decimal	https://youtu.be/5dRFxU61WhY
Long division (division by a 2-digit number) – includes the 'coin method' as a help box and shows remainder expressed in the three ways. (Above to clips in one)	https://youtu.be/b2Lzba4hbKQ
Addition	https://youtu.be/p-2a-L2vG30 In this video the gentleman calls 'ones' 'units' and carries the digits into a different place than we do and he also doesn't 'circle' and then 'cross off' the carried digits; but the basic method is what we use.
Subtraction	https://youtu.be/De5OoiWRPSE The person in this video says we 'borrow' from next door; we don't use the term 'borrow' as it suggests we'll give back and we don't give anything back in this method – so just remember where he says 'borrow' we say 'take'.
Adding/Subtracting decimals (numbers with varying decimal places)	https://youtu.be/C8pPCqSdHRo
Place value	
Multiply and divide by powers of 10 (x/÷ by 10/100/1000...)	https://youtu.be/R3CNGubFc-c
Adding/Subtracting decimals (numbers with varying decimal places)	https://youtu.be/C8pPCqSdHRo
Calculating with FRACTIONS, DECIMALS and PERCENTAGES	
Add/subtract fractions Part1 (same denominator; one fraction needing changing)	https://youtu.be/UZannCm-gw
Add/subtract fractions Part2 (when denominators of both fractions need changing)	https://youtu.be/237Qhb_vnIM
Subtracting fractions when the mixed number needs changing	https://youtu.be/KeKU4udTop8
Fraction multiplied by a whole number:	https://youtu.be/Fvcs8o2Ov6E Another link, from an external site, which is also useful: https://www.mathsisfun.com/fractions_multiplication.html
Fraction multiplied by a fraction	https://youtu.be/Q8y5tXMRUMM
Fraction divided by a whole number	https://youtu.be/99Ra2Vuu2Oc
Decimal multiplied by a whole number	https://youtu.be/siQiMNzF8RI
Percentages – finding % of amounts	https://youtu.be/Y_yuoRuFzsk