

Help your child with maths at home!







Welcome,

Following on from our successful parent 'drop in' workshops during the autumn term, we have pulled together a document which aims to help you to further support your child's learning in maths at home.

We have broken down the various domains of mathematics from Curriculum 2014 into the core operations that your child will be taught. These will be displayed as 4 posters: addition, subtraction, multiplication and division. Each poster shows the various methods and strategies that your child will learn in their maths work.

In school we strive to apply the four operations above $(+ - x \text{ and } \div)$ in a creative and practical way. We provide real life opportunities to explore mathematical concepts and enable our children to make links within their maths learning.

As parents the best things that you can do to support your child in developing competency in mathematics are...

- provide as many real life maths experiences as possible
- ask open ended questions
- practice mental maths activities/ x tables (see recommended websites)
- encourage your child to investigate and find different ways and possibilities of reaching an answer
- support your child to give reasons about their working out and how they have arrived at an answer.

By supporting your child in the ways mentioned above, along with using the strategies provided within our posters, you are enabling them to become confident and consolidate their learning from school.

We continue to thank you for working in partnership with us to provide the best possible outcomes for your child. We hope that you find our progression posters useful. If you require any additional information in order to support your child with maths at home then please see your child's class teacher or alternatively make an appointment with Mrs Wright who is our Maths Co-ordinator and will be happy to help!



See Appendix 1: addition methods for National Curriculum 2014



written methods of columnar subtraction

subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate

subtract whole numbers with more than 4 digits,including using formal written methods

Y5

Y6

pupils practise subtraction for larger numbers, using the formal written methods of columnar subtraction

326 - 178 =



Year 2 — Year 6 plus challenge

Compact method									
		7	4 ¹ 3	199	¹ 8 ¹ 4				
98	765	8 ¹ 2	<u>እ</u> ች13	`& ¹ Q ¹ Q ¹ 8	5 X . 5 ¹ 4				
- 5 3	- 433	- 58	- 268	- 689	-23.96				
4 5	332	24	275	1319	3 5.58				

See appendix 1 : subtraction methods for National Curriculum 2014

Multiplication

X



Year 4, Year 5, Year 6

Short multiplication		Grid method				Long multiplication
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$.6× <u>~</u>	56 x 2 x 2 0 1 7 3	50 1000 350	6 120 42	1120+ <u>392</u> <u>1512</u>	56×27 56×27 27 $392 (56 \times 7)$ $1120 (56 \times 20)$ 1512

See Mathematics Appendix 1: Examples of formal written methods for multiplication

