



MATHS HOME LEARNING

Maths learning is a compulsory part of home learning at Broomfield School. Your child's teacher will indicate where they would like your child to start their learning.

Please highlight the bricks as your child learns them (remember we are after instant recall which is 3 seconds).

This year examples of each brick have been attached for you to refer to.

I can...

Stages 1 - 3	BRICK 1 Recall addition facts to five eg $2 + 1$, $3 + 2$	BRICK 2 Recall subtraction facts to five eg $4 - 1$, $3 - 2$	BRICK 3 Recall doubles to ten eg $3 + 3$, $4 + 4$	BRICK 4 Knows groupings within ten eg $6 + 4$, $7 + 3$, $8 + ? = 10$		
	BRICK 5 Recall addition facts to 10 eg $4 + 3$, $6 + 2$, $3 + ? = 8$	BRICK 6 Recall subtraction facts to 10 eg $4 - 3$, $7 - 2$	BRICK 7 Recall doubles to 20 and corresponding $\frac{1}{2}$ s eg $6 + 6$, $9 + 9$, $\frac{1}{2}$ of 14	BRICK 8 Recall addition with 10 Eg $10 + 4$, $7 + 10$	BRICK 9 Recall multiples of 10 that add to and subtract from 100 eg $30 + 70$, $40 + 60$, $100 - 30$	
Stage 5	BRICK 10 Recall addition facts to 20 eg $7 + 5$, $8 + 7$, $6 + ? = 13$	BRICK 11 Recall subtraction facts to 10 eg $9 - 6$, $8 - 5$, $7 - ? = 2$	BRICK 12 Recall multiplication facts for 2, 5, 10 times tables	BRICK 13 Recall division facts for 2, 5, 10 times tables	BRICK 14 Multiples of 100 that add up to 1000 Eg $400 + 600$ $300 + 700$	
Stage 6	BRICK 15 Recall add and sub facts to 20 Eg $9 + 5$, $13 - 7$	BRICK 16 Recall all multiplication facts for 3, 4 times tables	BRICK 17 Recall all multiplication facts for 6, 7, 8, 9 and some corresponding division facts		BRICK 18 Recall basic facts with 10s, 100s, 1000s Eg 10×100 , 20×300 , $3250 \div 10$	
	Stage 7	BRICK 19 Recall division facts up to 10 times table, including remainders Eg $72 \div 8$, $35 \div 4$		BRICK 20 Know and use divisibility rules for 2, 5, 10 eg 245 is divisible by 5 as the ones digit is a 5, 368 is divisible by 2 because it is an even no.		BRICK 21 Know and use divisibility rules for 3 and 9 eg 471 is divisible by 3 because $4 + 7 + 1 = 12$ and $1 + 2 = 3$
BRICK 22 Identify factors of numbers to 100, including prime numbers eg the factors of 35 are 1, 5, 7, 35		BRICK 23 Find common multiples of numbers to 10, eg the common multiples of 3 and 7 are 21, 42, 63	BRICK 24 Recall fraction / decimal / percentages conversions for $\frac{1}{2}$ s, $\frac{1}{3}$ s, $\frac{1}{4}$ s, $\frac{1}{5}$ s, $\frac{1}{10}$ s eg $\frac{3}{4} = 0.75 = 75\%$	BRICK 25 Knows square numbers to 100 and the corresponding roots		

Activities to support the children's maths stage can be accessed from

<http://www2.nzmaths.co.nz/frames/Families/Activities.aspx> or

<http://broomfield.ultranet.school.nz/WebSpace/244/>