

Mugs



You need a 1 litre measuring jug and a selection of different mugs, cups or beakers.

- ◆ Ask your child to fill a mug with water.
- ◆ Pour the water carefully into the jug.
- ◆ Read the measurement to the nearest 10 millilitres.
- ◆ Write the measurement on a piece of paper.
- ◆ Do this for each mug or cup.

Now ask your child to write all the measurements in order

Measuring

Use a tape measure that shows centimetres.

- ◆ Take turns measuring lengths of different objects, e.g. the length of a sofa, the width of a table, the length of the bath, the height of a door.
- ◆ Record the measurement in centimetres, or metres and centimetres if it is more than a metre, e.g. if the bath is 165 cm long, you could say it is 1m 65cm (or 1.65m).
- ◆ Write all the measurements in order.



QUEENSMEAD
PRIMARY ACADEMY

Helping your
child at home

Make maths
fun!!

Year 4
Maths



Times tables

Say together the eight times table forwards, then backwards.

Ask your child questions, such as:

Nine eights?

How many eights in 56?

Eight times three?

Forty-eight divided by eight?

Eight multiplied by four? Eight times what equals sixty-four?

Repeat with the six, seven, nine, eleven and twelve times tables.

Make a times-table grid like this:

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

- ◆ Shade in all the tables facts that your child knows, probably the 1s, 2s, 3s, 4s, 5s and 10s.
- ◆ Some facts appear twice, e.g. 8×2 and 2×8 , so cross out one of each.
- ◆ Are you surprised how few facts are left?
- ◆ Choose one fact a day and make up a silly rhyme together to help your child to learn it.

E.g. nine sevens are sixty-three, let's have lots of chips for tea!

Digit Divide

Make digit cards 0-9. Cut out and place face down on a surface. Choose 4 and make a 4 digit number. Ask your child to read aloud the number and then partition it.

E.g.

3





7

2

6

Three thousand, seven hundred and twenty six.

Three thousands, seven hundreds, two tens and six ones.

Thousands	Hundreds	Tens	Ones
			

Secret sums

- ◆ Ask your child to say a 4 digit number, e.g. 5624.
- ◆ Secretly do something to it (e.g. add 300). Say the answer, e.g. 5924.
- ◆ The child then says another number to you, e.g. 3497.
- ◆ Do the same to that number and say the answer.
- ◆ The child has to guess what you are doing to the number each time!
- ◆ Then they can have a turn at secretly adding or subtracting something to each number that you say

