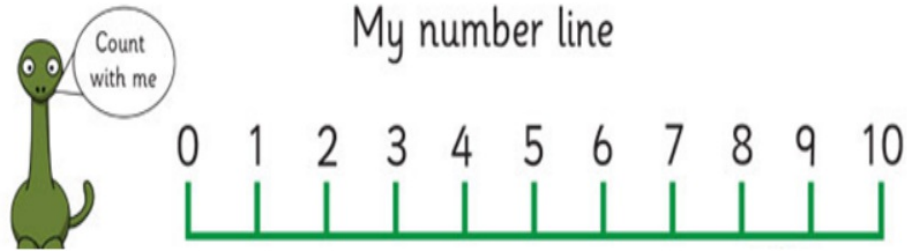


Early Years Maths Parent Workshop February 2019



What we will look at:

- * Overview of the maths curriculum in Early Years
- * Format of a typical maths lesson
- * Explain key teaching strategies for counting, addition, subtraction, shape & measure
- * Ideas to support your child at home



What Maths work do you currently do at home with your child?

What interests them?



Early Years Maths Curriculum

Early Learning Goals:

Number

Count 0-20

Order numbers 0-20

Able to say 1 more/less than a given number 0-20

Using objects, add and subtract two single-digit numbers

Shape, Space & Measure

Children use everyday language to talk about size, weight, capacity, position, distance, time & money.

Typical maths lesson

5 min starter:

- *reasoning (helping them to look at maths questions in different ways)*
- *counting forwards / backwards (songs, puppets, jumping)*

15 min input (weekly focus)

Try and make it fun and engaging by applying maths through their interests
Often involves singing, dancing, moving around, using objects

Small group focus task

Follow up learning from carpet input
Consolidate / extend learning
Address any misconceptions



Some reasoning examples...

0-2-4-6- -10-12-14

Questioning

How can we make..

What happens when we..

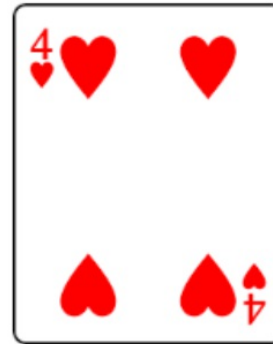
What do you think comes next? why?

What is the same? different?

Where would you put number...
on this number line

0 _____ 10

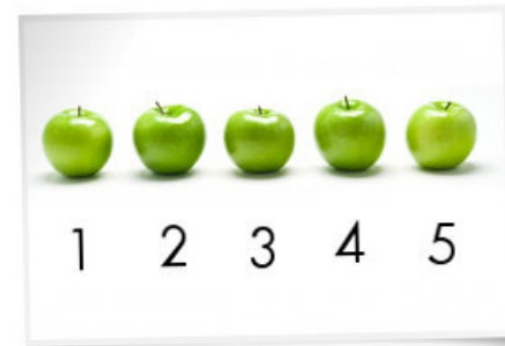
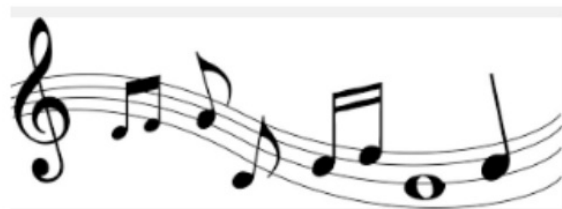
How you can help develop their understanding of numbers



- * Show them the many different ways numbers can be represented
- * build upon number meaning, size and relationships

How you can help with their counting and recognition

		+	-	x	÷	=				
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
+	31	32	33	34	35	36	37	38	39	40
x	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
-	61	62	63	64	65	66	67	68	69	70
+	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100
		=	÷	x	-	+				



Careful counting

Point and touch



My number line



Confidence in maths

Research suggests that children's confidence in maths can be affected by the people around them.

It's really important that if you lack confidence in maths you don't pass this on.

Imagine saying, "I'm rubbish at reading."

How can you help develop their understanding of shape, space & measure?



Develop their mathematical language: shorter, taller, longer, heavier, lighter. Compare and order objects and people.



Talk about shapes in your environment, describe and compare them.

We learn lots through play...



Further ideas to support your child at home

* Keep it fun and practical - we want them to enjoy maths (it can be fun, honestly!)

* Talk about numbers in your environment (number plates, doors, price tags etc). Develop their mathematical vocabulary

* Talk about shapes you see at home and whilst out.

* Talk to them about their calculation methods and celebrate it with them.

* questioning: what did you find out? why do you think that? how did you find that out? what made you do it that way?



Useful websites

- * www.topmarks.co.uk
- * www.discoveryeducation.co.uk (the school has a login for this you can use)
- * lots of fun counting songs on YouTube



Any questions?

Thank you for coming today!

“Children must
be taught
HOW TO THINK,
not what to think.”

Margaret Mead

