

Welcome to our Maths Information Workshop for Parents

How maths is taught today... What are all those strange bits of equipment?
How you can help...

Have a go at
some of our
activities whilst
you are waiting!



Early Years

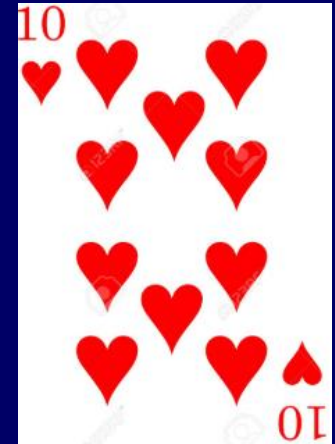
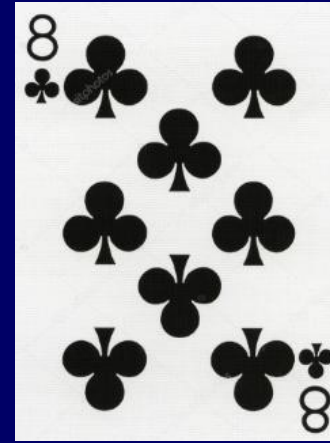
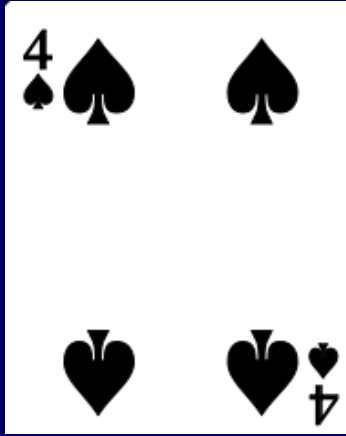
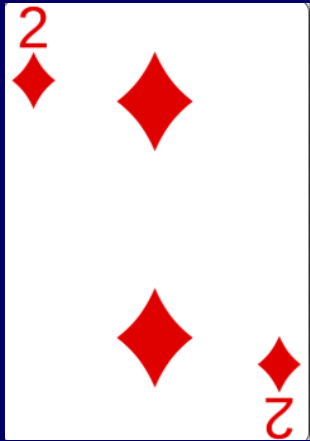
Nursery and
Reception

March 2019



Quick warm up...

Maths



Numbers to 10

How many different ways can you make 10?

Examples...

$$8 + 2 = 10$$

$$11 - 1 = 10$$

$$\text{double } 5 = 10$$

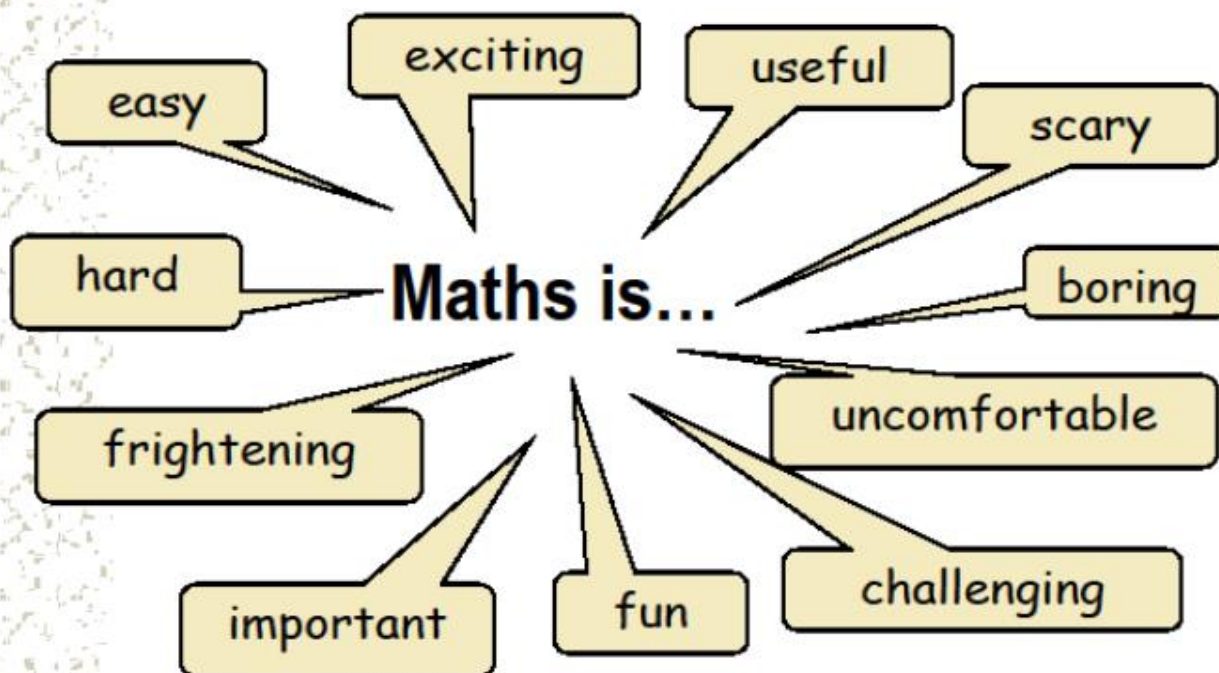
Can you think of a job or everyday task where maths is not used in some way?





How do you feel about maths?

Which of these words would you use to describe mathematics?





Maths

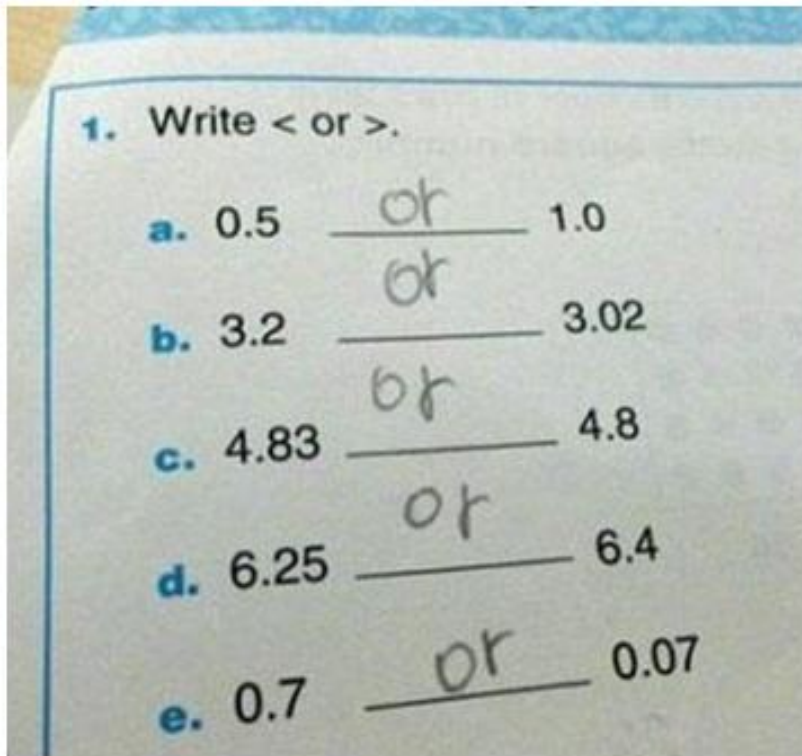
Maths today is a bit different to
how some of us might remember
being taught it!





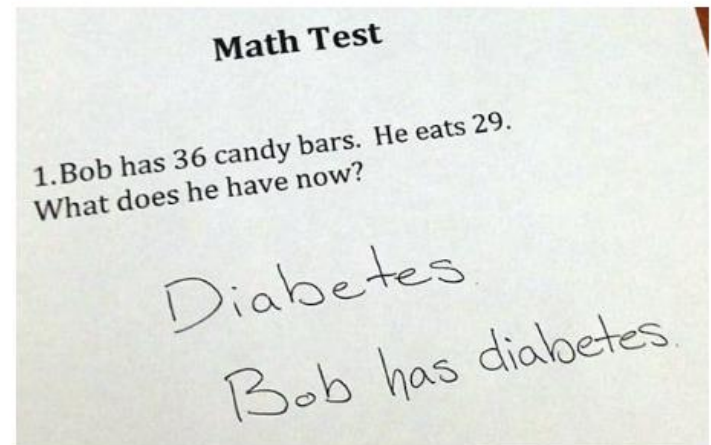
Why we do things differently...

Maths



Q: What's the difference between 9 and 4?

Child's answer: The 9 is curvy and the 4 is all straight!





How we teach maths: Development Matters

Maths

Number and Shape, Space and Measure.

Number

30 -50 months – Uses some number names and number language spontaneously .

40-60 months – Recognises some numerals of personal significance.

Early Learning Goal – Children count reliably with numbers from 1- 20, place them in order and say one more or one less than a given number.

Exceeding – Children estimate a number of objects and check quantities by counting up to 20.

Problem solving

30-50 months – Shows an interest in number problems.

40-60 – Begins to identify own mathematical problems based on own interests and Fascinations.

Early Learning goal – They solve problems including doubling, halving and sharing.

Exceeding – They solve practical problems that involve combining groups of 2, 5 or 10



How we teach maths: Development Matters

Maths

Number and Shape, Space and Measure.

Shape, Space and Measure.

30 -50 months – Shows an interest in shapes and space by playing with shapes or making arrangements.

40-60 months – Uses familiar objects and common shapes to recreate patterns and build models.

Early Learning Goal – They recognise, create and describe patterns.



Maths

Manipulatives that your children will be routinely using in class

Counters

Number fans

conkers

Bead
strings

Numicon

Dice

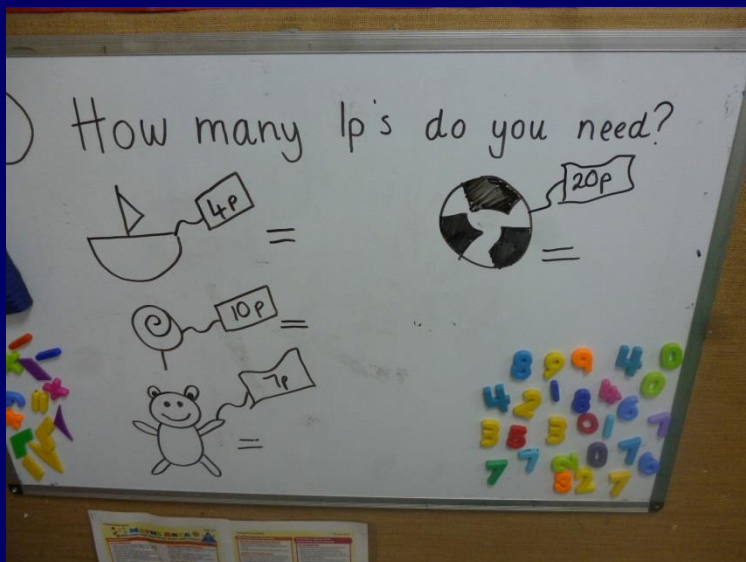
Baskets of things!

Multi link



Problem-solving

Maths



Our maths day:



Maths

Morning registration – counting how many children there are.

Problem solving in Reception.

Days of the week.

Adult led Maths activity with small group work.

Adults supporting incidental Maths through out the day.

Additional pre-teaching and intervention to support children as needed.

Reception Homework - overlearning number facts, practising of key concepts, topic opportunities (e.g. recipes, statistics).



Early Years Learning in Action!

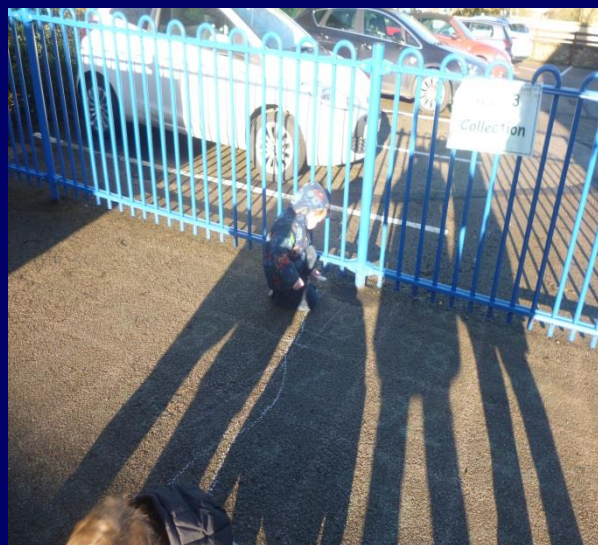
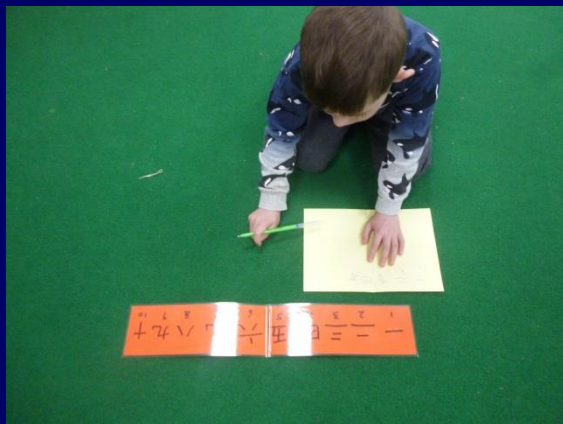
Maths





Early Years Learning in Action!

Maths





Maths

Enjoying maths at home

1. Praise your child for effort
2. When checking homework, don't just point out mistakes – explain it to them
3. All mistakes are beautiful and a learning opportunity!
4. Try not to show frustration. Take a break, let everyone calm down and come back to it
5. Do not pressurise children.
6. Don't describe yourself as useless at maths
7. Show yourself to be curious about maths and playful with numbers. Make it fun!



Maths

How can parents help at home

- Counting and dice games, card games, any maths games!
- Look for Maths in the Every Day – counting socks in washing, steps to bed, who has the largest hands, smallest hands, what shapes can you see in the kitchen.
- Number recognition.
- Days of the week.

Come in and ask us if you need advice!



Maths

Need help with strategies?

- School Journals – contain examples of number lines, shapes, time etc
- Lots of detail!
- Please look at them and encourage children to use them to support homework

Come in and ask us if you need advice!



Maths in the Every Day



E-learning that supports maths and children can log onto free from home



Maths



'Numbergym'

www.numbergym.co.uk

User name: ashwell

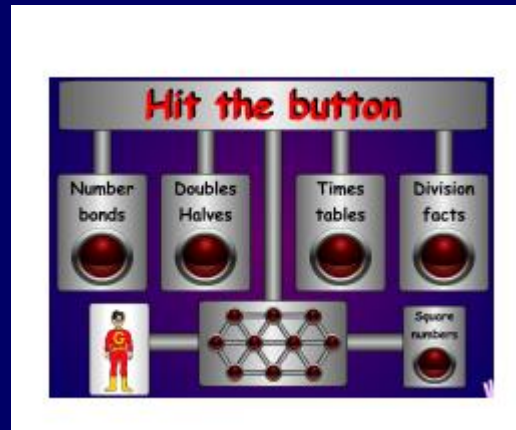
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This is an excellent resource
to help with learning
in all areas of maths.

Bond Builder and Table Trainer
are accessible via tablet.



Purple Mash

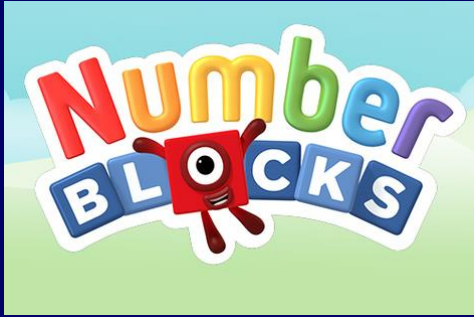


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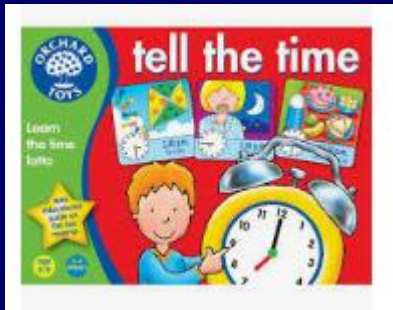
Games to play at home.



Maths



Number Blocks TV Show



Orchard Toys Board Games



Any dice or counting games

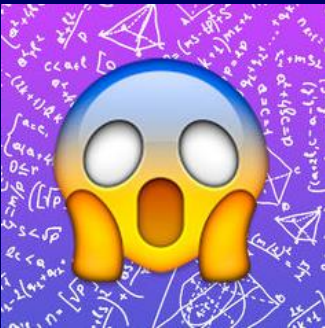
Time to try our activities!



Maths

Many thanks for attending tonight.
We hope you have found it useful.

Please fill in our evaluation survey.



Mrs Wild's talk about mental health
begins at 7pm in the main hall!