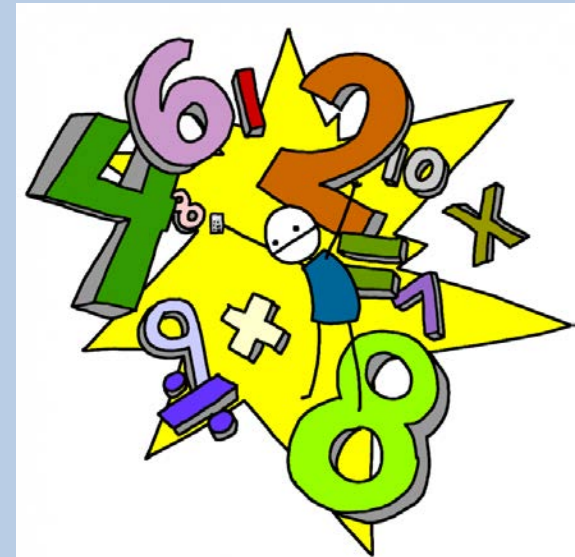
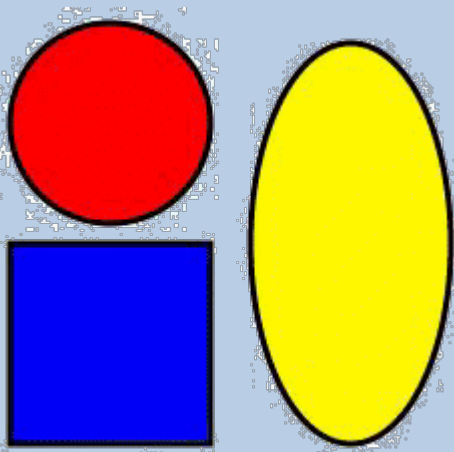


Maths Year 1



Maths

The National Curriculum for Maths aims to ensure that all pupils:

- become fluent in the fundamentals of mathematics
- reason mathematically
- can solve problems by applying mathematics to a variety of problems



Maths - Key Stage One

The main focus is to ensure all children develop confidence and mental fluency with whole numbers, counting and place value.

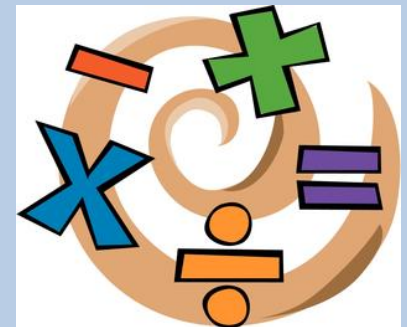
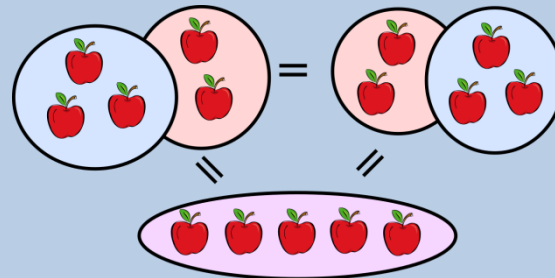
This involves working with numerals, words and the four operations, including with practical resources.



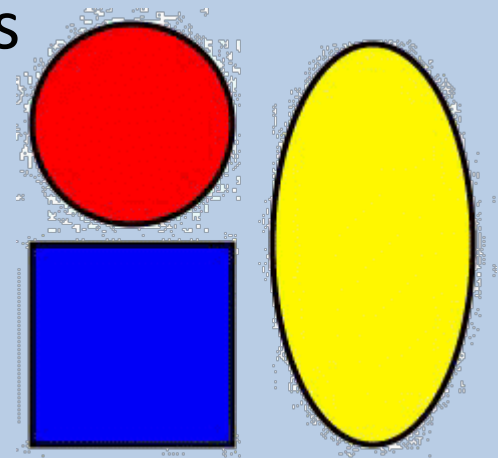
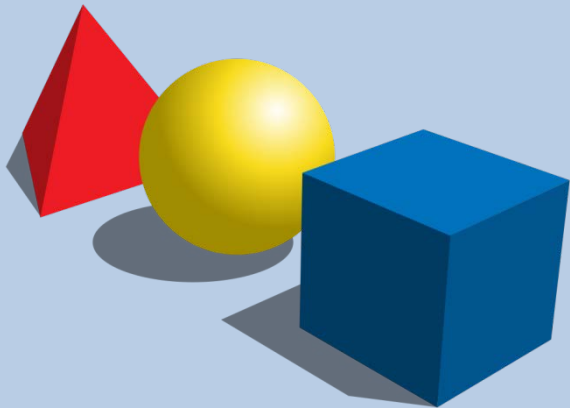
Year 1

This term we are learning:

- to say one or two more and less than any number to 20
- to count forwards and backwards in 1s, 2s, 5s and 10s
- to count reliably, order numbers, double numbers and recognise odd and even numbers
- to partition numbers in different ways including tens and units
- to add two numbers by counting on and to understand subtraction as 'take away'
- number bonds to 10



- estimating
- symmetry – making and recognising symmetrical patterns
- measuring length
- finding halves of shapes
- sharing numbers
- knowing and ordering days of the week and months of the year
- naming and describing 2D and 3D shapes

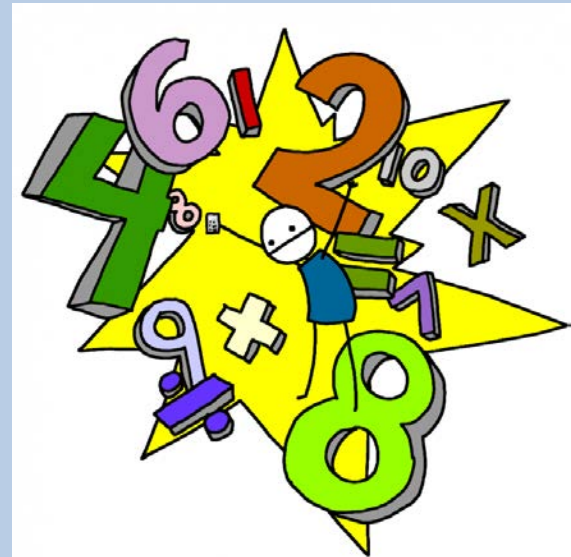




Mental Maths

Year 1

Autumn Term



Why do children need to be secure with Mental Maths? ?

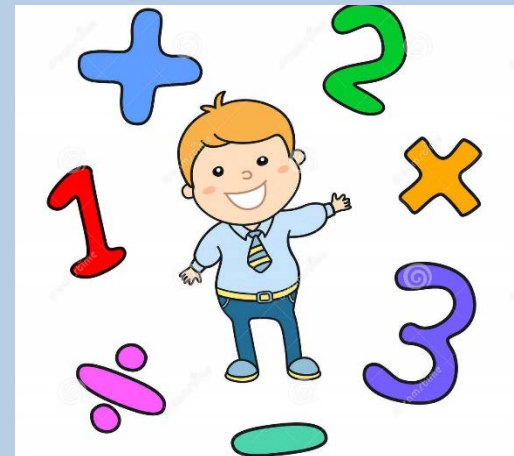
It builds up their confidence and helps towards written Maths

- They need to build up skills slowly so that they retain them
- They need basic facts at their fingertips
- They need to learn some facts by rote (by heart)



How is Mental Maths taught?

- A 10- 15 minute activity at some point during the day.
- Children are encouraged to use their Mental Maths skills during activities in each Maths lesson.



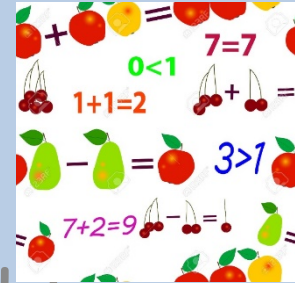
What can I do to help?



I can say one more / one less than a number to 10/20.

- Find a number on a number line or square. What is one more/less?
- Turn a 'Guess Who' game into a maths game. 'I've got a number that is one less than 20. If you can guess what it is, I have to put it down. I'm thinking of a number that is one more than 10. What number is it?'

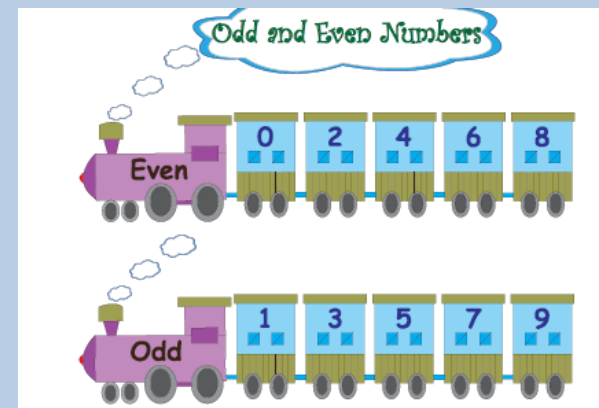
I can recall addition and subtraction facts to 10.



- Sing a number bond song with your child.
- Roll a die - what do I need to add to this number to get to 10?
- Play Zing Zong Bong - tap your knees twice as you say zing and zong. On bong, show a number below 10 on your fingers. Your child has to say the number you need to add to that to get to 10. Take turns.

I can identify odd and even numbers.

- Give your child a pile of socks. Have we got an odd or even number? Well, to find out, can we pair them all up? If there's one left on its own, it's odd.
- 0,2,4,6, 8, even numbers are just great. 1,3,5,7,9 I love odd numbers all of the time.
- Play an odd and even race.



Counting on in tens from 0 to 100.

- Use a hundred square, encouraging them to go down the hundred square to add on ten.
- Use a dice, roll a number ask them to write the number and add on ten.
- Splat a number and ask your child to find 10 more by moving down on the hundred square.



Counting on in 2's from 0.



- Play online games:
<http://www.bbc.co.uk/bitesize/ks1/maths/multiplication/play/>
- Count in twos whilst going up the stairs.
- Count pairs of shoes, or pairs of socks

Counting back in twos to 0.

- Chant in 2's backwards.
- Consolidate 2 less than, by going back two steps.
- Recall doubles to double ten.
- Recall halves to ten.



Number Games :-

- Board Games
- Snakes and Ladders
- Dominoes
- Playing card games eg snap doubles
- Dice Games
- Sharing sweets, objects etc

