Welcome to our [Learning Together Workshop](#) Year 1

October 2018

pppst.com

Aims of the session are

- to have a clear understanding of the age related expectation (ARE) for your child
- to understand the structure of the maths session.
- to provide a guidance of how you can support your children at home.

Core of the Primary Maths Curriculum

Fluency

Ability to recall and apply rapidly and accurately.

Apply knowledge to increasingly complex problems.

Reasoning

Reasoning mathematically through enquiry and seeing relationships between concepts.

Develop argument, justify and prove using mathematical language.

Problem solving

Ability to apply skills to routine and non-routine problems.

Ability to break down problems into steps in seeking solution.
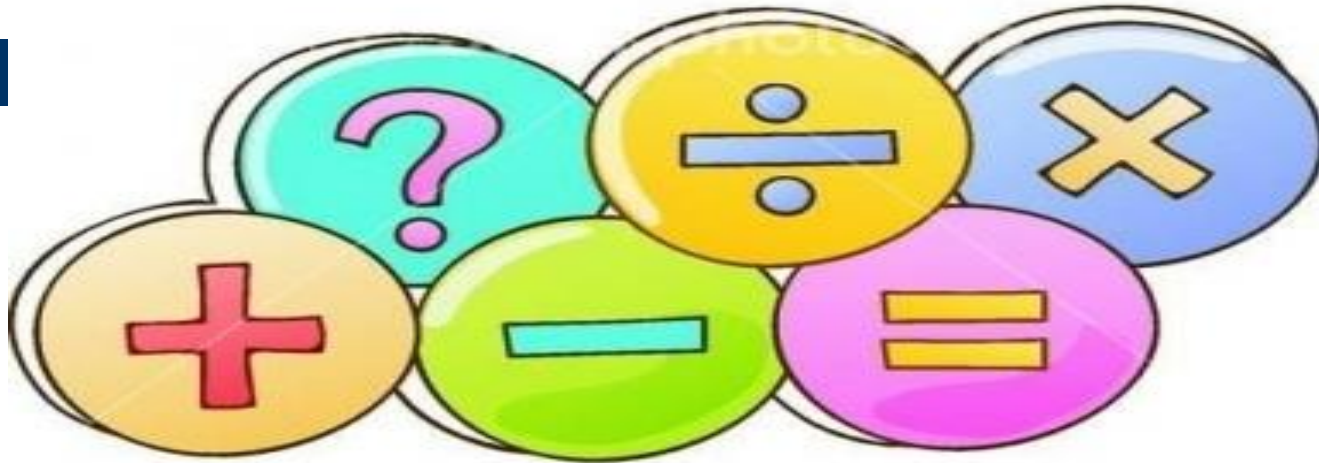
What does a maths lesson look like?

- Mental arithmetic (carousel)

– whole class and guided group work

Main Teaching

- Teach the skill
- Practising and applying indepe
- Check what we have learnt

Warm up

Mental Maths (with your child ☺

https://www.youtube.com/watch?v=0TgLtF3PMOc

- Counting – 1s, 2s, 5s, 10s
- Number facts – bonds to 10, doubles
- Times tables and division facts
- Partitioning

Mental arithmetic (with your child ☺)

- What is the next number?

    12, 13, 14, __

    6, 8, __, __

- Add 4 and 4

- Count on in 2's

Addition

(In your pack you will have a page which has all the different maths words we use for addition)

- Using counters to add two different groups.
- Using a number line or hundred square to count on.
- Using the empty number line.
- Number bonds to 10. (6 + 4 = 10 7 + 3= 10)

- Splitting numbers into tens and units.
- Think about in real life everyday situations
  Using objects at home - find 8 pencils and 3 pens. How many altogether.

Addition Vocabulary

addition and subtraction

addition

add, more, and

make, sum, total

altogether

double

near double

half, halve

one more, two more … ten more

how many more to make …?

how many more is … than …?

how much more is …?

Subtraction

(In your pack you will have a page which has all the different maths words we use for subtraction)

- Using counters to take one group away from another.

- Using a number line or hundred square to jump back.

- Starting at the biggest number.

- Number bonds to 10. 6 + 4 = 10 10 – 6 = 4 .
  7 + 3= 10   10 – 3 = 7

- Splitting numbers into tens and units.

- Think about in real life everyday situations

Using objects at home - if you have 17 sweets and eat 3, how many left?

Subtraction Vocabulary

subtract
take away
how many are left/left over?
how many have gone?
one less, two less, ten less …
how many fewer is … than …?
how much less is …?
difference between
equals
is the same as
number bonds/pairs
missing number

Place value

- Partition to add and subtract
- Children need to understand the value of numbers
- Lots of resources used – 100square, counters, lolly sticks, pompoms, straws

Multiplication

- Using counters to make groups of the same amount as an array.

- Using a number line or hundred square to count on in 2s, 5s and 10s.

- Repeated addition $5 \times 2 = 10$ $2 + 2 + 2 + 2 + 2 = 10$

- Think about in real life everyday situations.

    Counting pencils in a pot, peas on the plate in 2' or 5's

Multiplication/Division Vocabulary

multiplication
multiply
multiplied by
multiple
division
dividing
grouping
sharing
doubling
halving
array
number patterns

Activity (with your child ☺)

6 lots of 2 = ?

There were 4 pots. Each pot had 2 flowers in them. How many altogether?

Joe and Pat had 2 pencils each.

How many pencils altogether?

Division (with your child ☺)

- Share counters into equal groups.

10 shared by 2

$10 \div 2 = 5$

½ of 12

- Think about in real life everyday situations.
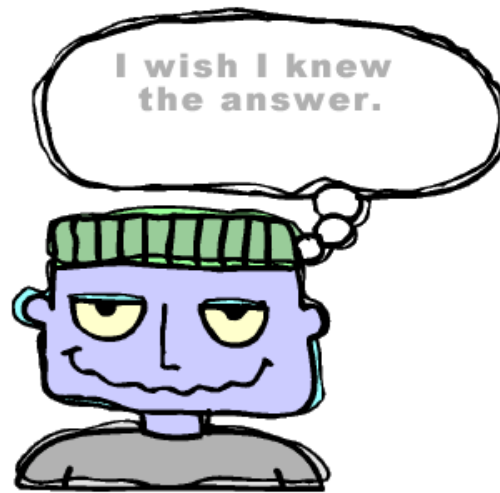 *sharing sweets, cutting a pizza to share*

Maths Websites

- Included in your pack is a list of websites you can use at home!

- These include;

- www.mathsisfun.com

- www.crickweb.com

- www.woodlandsjunior.co.uk

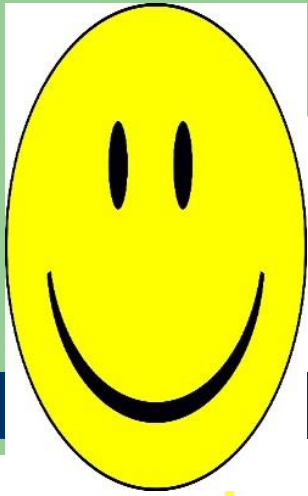- www.mathswarriors.co.uk
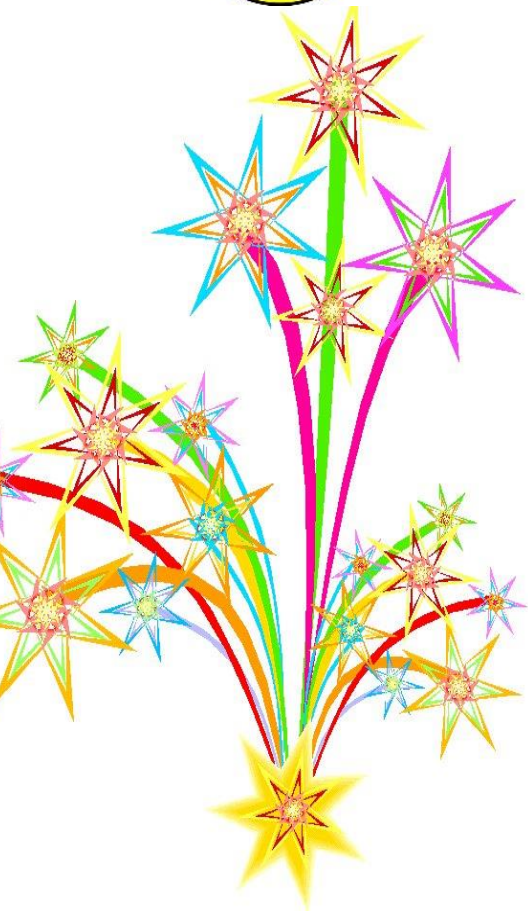
- https://ttrockstars.com/login/21697

At home.

- Use maths language as much as possible in 'real life situations'
- Encourage your child to use the language correctly too.
- Find fun practical ways to practise maths skills.

Questions

I wish I knew the answer.

Thank you for coming! We hope this has been useful and fun.

Your maths pack will be given to your child this week.

We Value your opinion

- Please complete an evaluation sheet.

Thank you