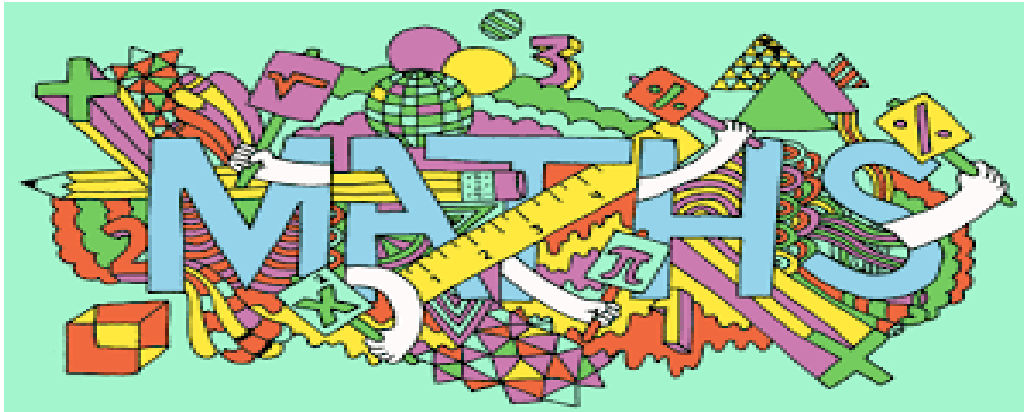# Year 2

Home Learning

SO,
WHAT'S
THE
PLAN?

We understand printing is sometimes very tricky. If appropriate, please just get the children to write the answers on paper whilst looking at the sheets/ questions online.

Each day, there will be...

- 10 "Fluency Ten" questions

Questions all about the basics of maths and the skills we work on throughout the whole year

- Your math's task and questions

Frog Challenge - questions and challenges based around that weeks learning

- Extra optional tasks

Purple Mash

TTRockstars

Numbots

<u>Day 1 Fluency 10</u>

10 questions in 10 minutes...are you up for the challenge?

Going through the answers and discussing them is even more important than them completing the task...

1) 88 - 22 =

2) 28 + 16 =

3) Write the number 45 in words

4) 12 x 10 =

5) 17 + 7 = (Build your bridge!)

6) Ten less than 23 = ?

7) Use the inequality signs to complete this number sentence   5 x 5   Greater Than   Less Than   Equal To   2 x 10

$$> \quad < \quad =$$

8) Double 9 = ?

9) Half of 4 = ?
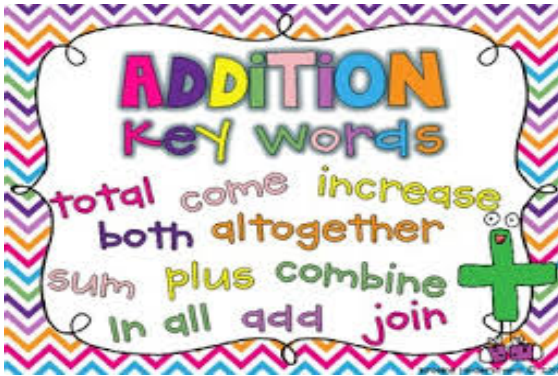
10) 17 is one less than ?

Our math's objectives...

add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

1. a two-digit number and 1s
2. a two-digit number and 10s
3. 2 two-digit numbers

This week, we are going to try and use both our addition and subtraction skills.

We will try to...

- recap the two techniques we have learnt

- choose the correct operation when solving problems

- learn about number fact families, that are related to addition and subtraction, through whole part part models
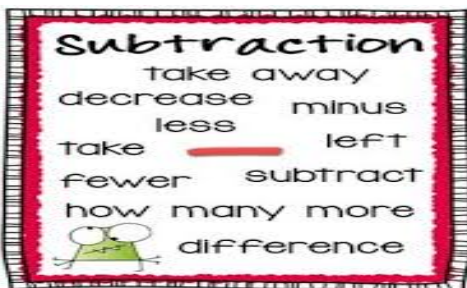
ADDITION Key words

total come increase both altogether sum plus combine in all add join

Example... 16 + 15 = 31

Tens	Ones

Recap for addition!

Draw your place value chart

Draw your 2 numbers on your chart

Start to add your ones

If the total of the ones is more than 10 we must exchange for a ten

Now how many ones do we have left?

How many tens do we have now? Make sure you include the ten you have exchanged!

Subtraction

take away decrease minus less take left fewer subtract how many more difference

35 - 17 =

Subtraction recap!

Draw your place value chart

You must only draw your BIGGEST number because we are taking things away from this!

Now take away your smaller number... what happens if we don't have enough to subtract? We borrow!

Tens	Ones

We don't have enough ones to subtract 7 of them! Where could we get more ones?

Tens	Ones

We borrow 10 ones from the tens column. Now we have 15 ones so we can subtract 7 now...

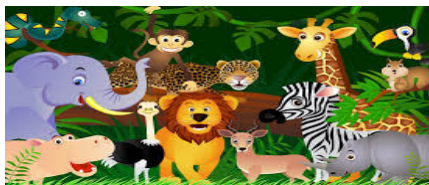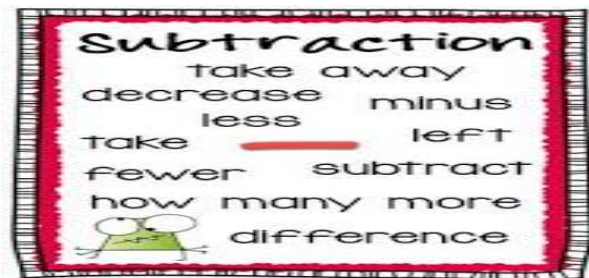| Tens	Ones

I have 8 ones left but **still need to subtract my 1 ten because it is 17.** I have 8 ones left and 1 ten so my answer is 18.

Frog Challenge 1

Solve these calculations. Be sure to look at the symbol or the language carefully!

1) 24 + 38 =

2) 52 - 8 =

3) Increase 12 by 31

4) Decrease 62 by 16

5) 74 subtract 13

6) What is the sum of 56 and 46?

7) What is the difference between 32 and 18?

8) Combine 12, 24 and 48

Optional Extra Maths

Try these tasks and web based games to help you keep on top of your maths...

(All children should have their logins for the web based platforms. If not, please email and your teacher will endeavor to send them to you)

Choose a game or idea from the extra activity idea sheet

Purple Mash - login and find the assigned games

TT Rockstars - login and have a go at your 2's, 5's and 10's

Numbots - login to rehearse your very important number bonds

Topmarks - an amazing website with a range of interesting games to play

If you have any questions please email...

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