



Supporting Your Child with Maths

Year 1

Booklet 2: February

These booklets have been designed to help you support your child as they build and develop their skills on a **strong foundation** of key mathematical concepts.

The maths curriculum covers a wide range of concepts but is built on **confidence and fluency of key facts**. When a child is fluent with these facts and skills their confidence grows and they are more able to **apply** them to a range of problems.

The booklets include specific guidance for your child's year group on skills and methods used as well as ideas for games to play and ways to practise key ideas.

Wherever we can, we want to make this practice **fun** and **practical**.

Lots of opportunities to **talk** about the maths and to show that we, as adults, **enjoy** it too.

Did you know?

- Parents' maths knowledge has **no** impact on how successful their children will be
- Parents' attitude towards maths has a **pro-found** impact on their children's success

Did you know?

Mathematical understanding has a bigger impact on success in adulthood than reading and writing

If you have any questions or would like to know more, please contact your child's teacher or Mrs Gibbons, the maths leader.



Learn-Its

Year 1 – Phase 2 (Nov-Feb)

I know more number bonds for numbers up to 10.

By the end of this phase, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 2 = 2$

$1 + 2 = 3$

$2 + 2 = 4$

$3 + 2 = 5$

$4 + 2 = 6$

$5 + 2 = 7$

$6 + 2 = 8$

$7 + 2 = 9$

$8 + 2 = 10$

$0 + 3 = 3$

$1 + 3 = 4$

$2 + 3 = 5$

$3 + 3 = 6$

$4 + 3 = 7$

$5 + 3 = 8$

$6 + 3 = 9$

Key Vocabulary

What is 2 **more than** 5?

What is 2 **plus** 2?

What is 5 **take away** 3?

What is 3 **less than** 8?

$3 + \bigcirc = 5 \quad \text{or} \quad 4 - \bigcirc = 2.$

Facts in italics have been introduced in previous phases but are reinforced in the patterns above. New facts are in bold.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these Learn-Its while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Use practical resources – Your child has one potato on their plate and you give them three more. Can they predict how many they will have now?

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 5.

Play games – You can play number bond pairs online at www.conkermaths.com and then see how many questions you can answer in just one minute.



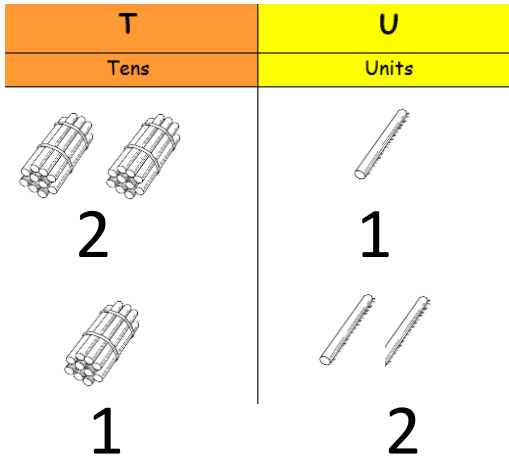
Practise It

Year 1 - Phase 2 (Nov-Feb)

I can build numbers up to 100

It is important that children understand the value of the digits when they appear in different columns.

This activity helps give them a mental image of numbers using bundles of straws to represent 10's and single straws to represent units/1's. You can use straws, pipe cleaners, lolly sticks – anything that can be bundled into 10's.



Things to explore:

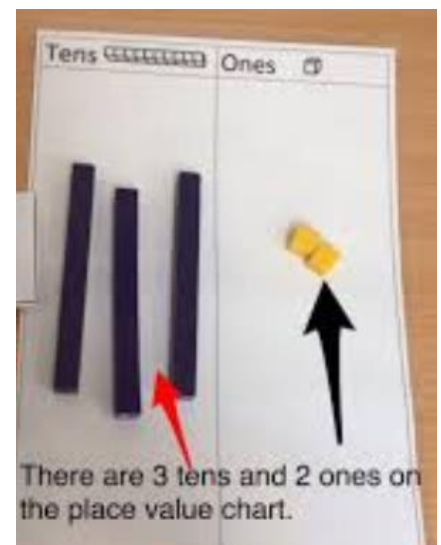
- Build two numbers
- Which is the biggest? How do you know? How many 10's in your number? How many units?
- Compare 21 and 12 or 45 and 54
- Add 10 - what happens?
- Subtract 10 – what happens?

Top Tips

- Make the bundles together – good counting practice
- You can use anything that will “bundle” e.g. straws, pipe cleaners
- We use both “units” and “ones” but ones can be confusing as some children think it only applies when there is a 1 in the column.

Dienes/Base 10 Blocks

- In school we use Dienes or base 10 blocks.
- These give children a clear image of numbers and is used throughout the school for developing understanding of the number system.
- Year 3 and 4 use blocks to explore the formal column methods.
- Year 4 and 5 use it to develop understanding of decimals.
- Year 6 use it to multiply decimals and explore volume.





Try It!

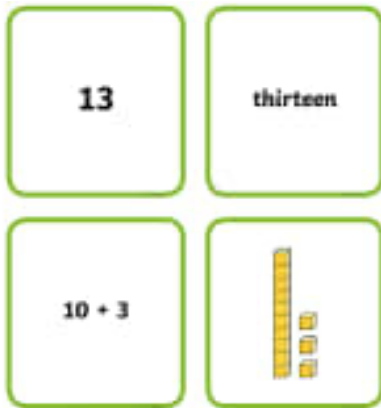
Year 1 – Phase 2 (Nov-Feb)

Try These

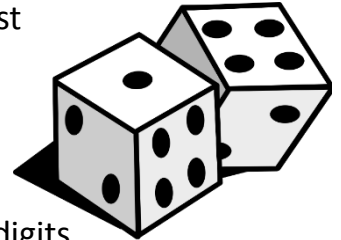
Make some matching cards like the ones below.

Play pairs or find the set.

There are some available on the internet too.



Build the Biggest



- Roll two dice
- Arrange the digits
- Build the number
- Swap the digits
- Build the new number
- Compare the numbers by describing the columns
- e.g. 21 has 2 tens and 1 units and 12 has 1 ten and 2 units so 21 is the biggest

Online practise on Topmarks.co.uk

Place Value Basketball

Select game:

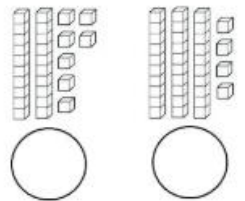
- Numbers up to 19
- Numbers up to 29
- Numbers up to 49
- Numbers up to 99
- Numbers up to 999

Topmarks

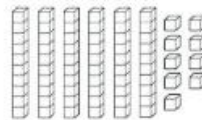
42 = ___ tens ___ ones

35 = ___ tens ___ ones

28 = ___ tens ___ ones



Color in 36. Fill in the blanks.



___ tens ___ ones

___ + ___ = ___

5 tens 3 ones = ___

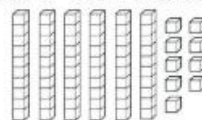
2 tens 5 ones = ___

4 tens 6 ones = ___

20 + 4 = ___ 40 + 3 = ___

30 + 7 = ___ 10 + 2 = ___

Color in 48. Fill in the blanks.



___ tens ___ ones

___ + ___ = ___