



Supporting Your Child with Maths

Year 3

Booklet 4: July

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 3 – Phase 4 (Apr- Jul)

I know the multiplication and division facts for the 8 times table.

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

$8 \times 1 = 8$	$1 \times 8 = 8$	$8 \div 8 = 1$	$8 \div 1 = 8$
$8 \times 2 = 16$	$2 \times 8 = 16$	$16 \div 8 = 2$	$16 \div 2 = 8$
$8 \times 3 = 24$	$3 \times 8 = 24$	$24 \div 8 = 3$	$24 \div 3 = 8$
$8 \times 4 = 32$	$4 \times 8 = 32$	$32 \div 8 = 4$	$32 \div 4 = 8$
$8 \times 5 = 40$	$5 \times 8 = 40$	$40 \div 8 = 5$	$40 \div 5 = 8$
$8 \times 6 = 48$	$6 \times 8 = 48$	$48 \div 8 = 6$	$48 \div 6 = 8$
$8 \times 7 = 56$	$7 \times 8 = 56$	$56 \div 8 = 7$	$56 \div 7 = 8$
$8 \times 8 = 64$	$8 \times 8 = 64$	$64 \div 8 = 8$	$64 \div 8 = 8$
$8 \times 9 = 72$	$9 \times 8 = 72$	$72 \div 8 = 9$	$72 \div 9 = 8$
$8 \times 10 = 80$	$10 \times 8 = 80$	$80 \div 8 = 10$	$80 \div 10 = 8$
$8 \times 11 = 88$	$11 \times 8 = 88$	$88 \div 8 = 11$	$88 \div 11 = 8$
$8 \times 12 = 96$	$12 \times 8 = 96$	$96 \div 8 = 12$	$96 \div 12 = 8$

Key Vocabulary

What is 8 **multiplied by** 6?

What is 8 **times** 8?

What is 24 **divided by** 8?

They should be able to answer these questions in any order, including missing number questions e.g. $8 \times \bigcirc = 16$ or $\bigcirc \div 8 = 7$.

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 family of the day.

What do you already know? – Your child will already know many of these facts from the 2, 3, 4, 5 and 10 times tables.

Use What You Already Know!
2x, 4x Tables

Double your fours – Multiplying a number by 8 is the same as multiply by 4 and then doubling the answer. $8 \times 4 = 32$ and double 32 is 64, so $8 \times 8 = 64$.

Five six seven eight – fifty-six is seven times eight ($56 = 7 \times 8$).



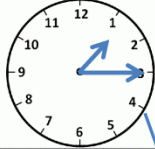


Practise It!

Year 3 – Phase 4 (Apr-Jul)

I can tell the time.

Children need to be able to tell the time using both analogue and digital clock faces. This can be broken down into steps.

- *I can tell the time to the hour and half hour.*
- *I can tell the time to quarter to and quarter past the hour.*
- *I can tell the time to the nearest 5 minute interval.*
- **I can tell the time to the nearest minute.**

	Quarter past 11	5:15
	Quarter past 8	1:15
	Quarter past 1	11:15

Top Tips

- Have both an analogue and digital clock on display at home
- Ask your child the time regularly
- Once they are confident, try a clock with Roman numerals or no numbers!
- Encourage your child to apply their skills. E.g. The cake will take 25 minutes to cook. Its 3 o'clock. What time will it be ready?



Try It!

Year 3 – Phase 4 (Apr-Jul)

Try these

The best way to learn to tell the time is to do it regularly.

Telling Time to the Nearest Minute Sort

Directions: Cut out the clocks, then match each time to the correct clock and separate each pair of paper.

	5:21		1:08
2:33		6:57	
	4:46		3:02
	11:11		12:39

CRACK THE CODE TO 1 MINUTE

Write the correct time underneath each clock.

E	I	M	O
P	S	T	Y

Write the correct letter under each time to crack the code.

7:11	3:42	7:11	7:58
7:58	7:11	12:47	1:15
3:42	7:58	10:02	8:24
5:08	1:15	7:58	

Can you put the times on these clocks in order?

12.17	9.37	11.04	7.49	5.02	2.56