



LOUGHTON SCHOOL

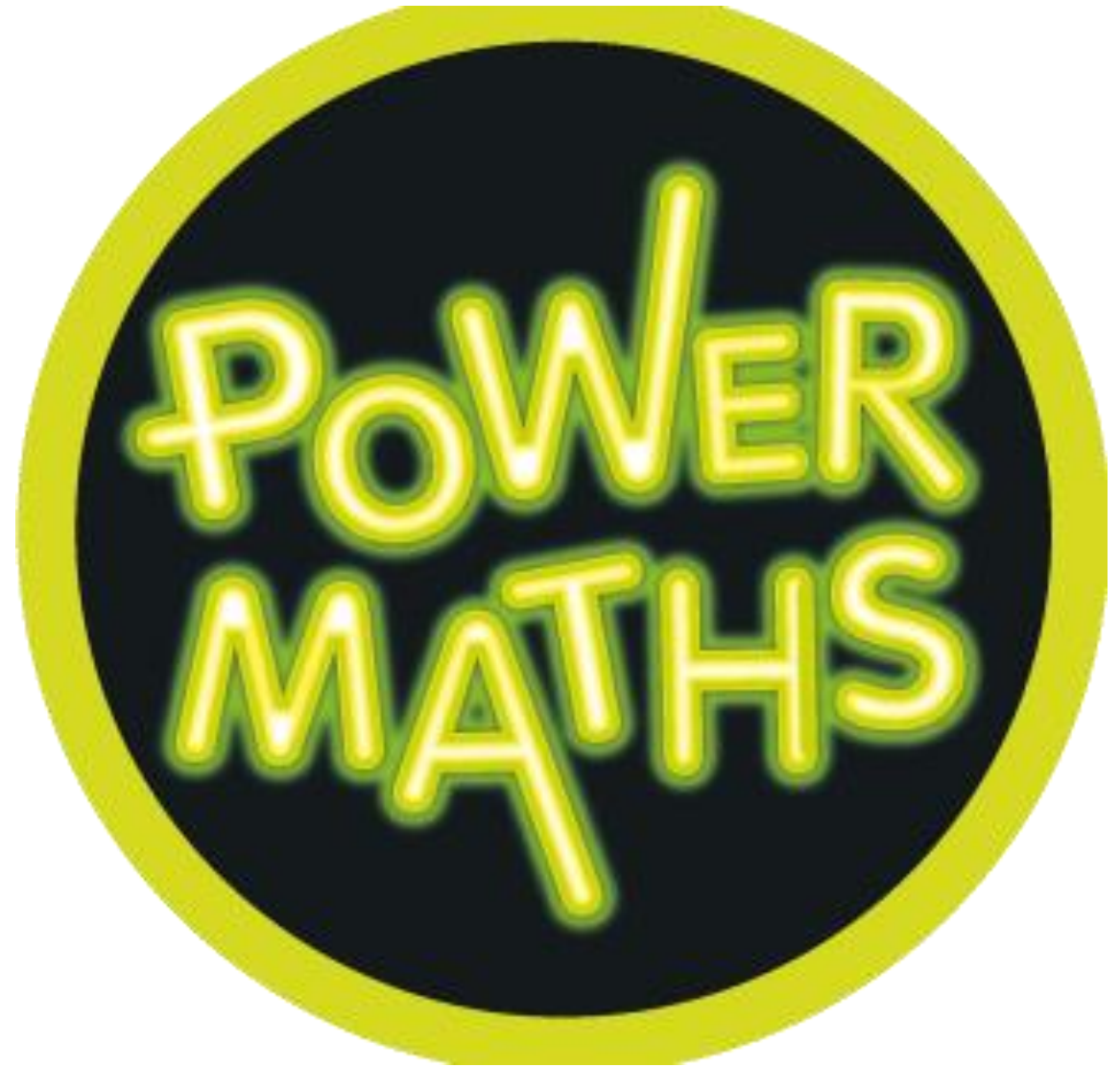
# Maths curriculum evening

Wednesday 25 September 2024

# Overview

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- Maths vision
- Power Maths
- What are your children learning?
- Example of a lesson
- What can you do at home?

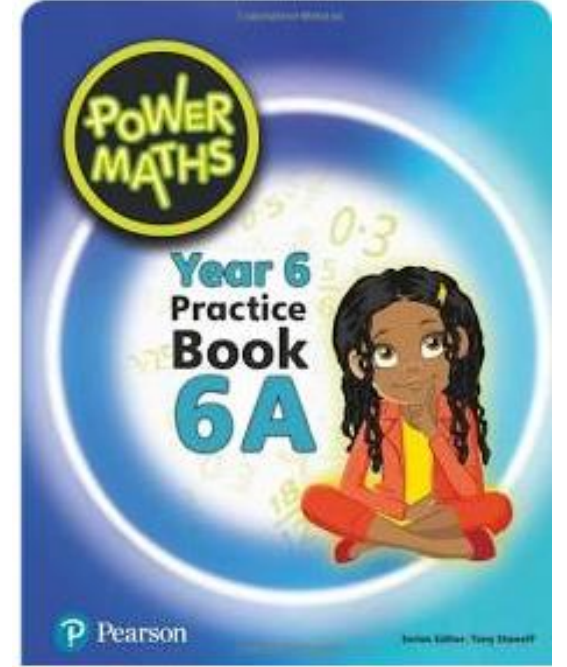
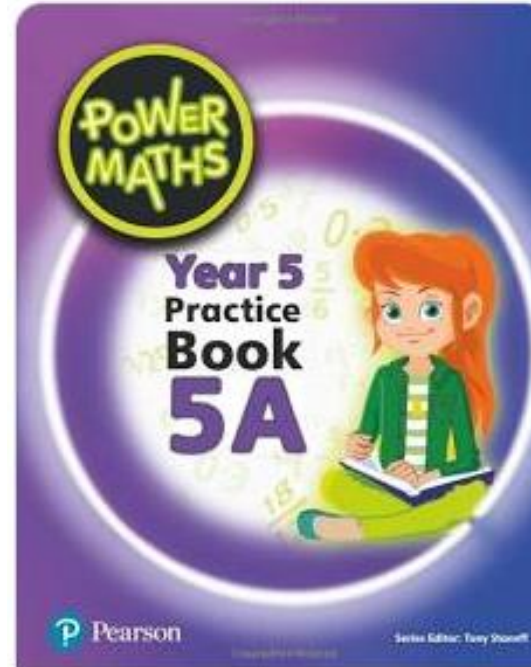
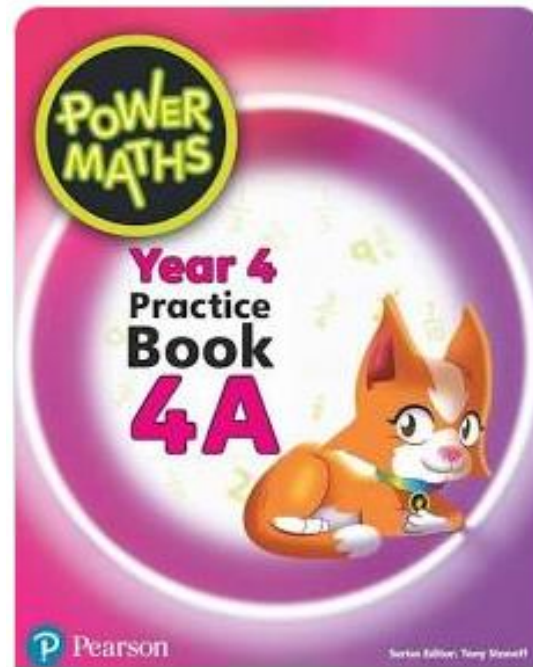
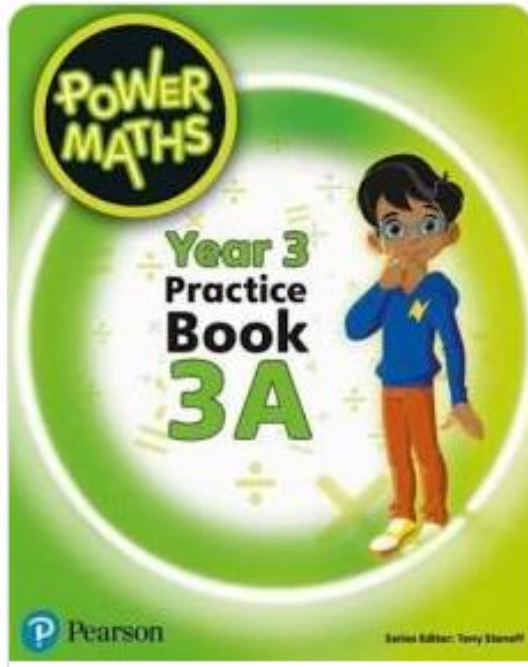


# Maths at Loughton School

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***'We believe that every child can achieve in mathematics. We want every child to leave Loughton school enjoying maths, developing a set of mathematical skills that they can build upon in their future education.'***





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# Power Maths



ABOUT OUR SCHOOL

TEACHING & LEARNING

PARENT PORTAL

NEWS & EVENTS

SAFEGUARDING



Teaching & Learning > Maths

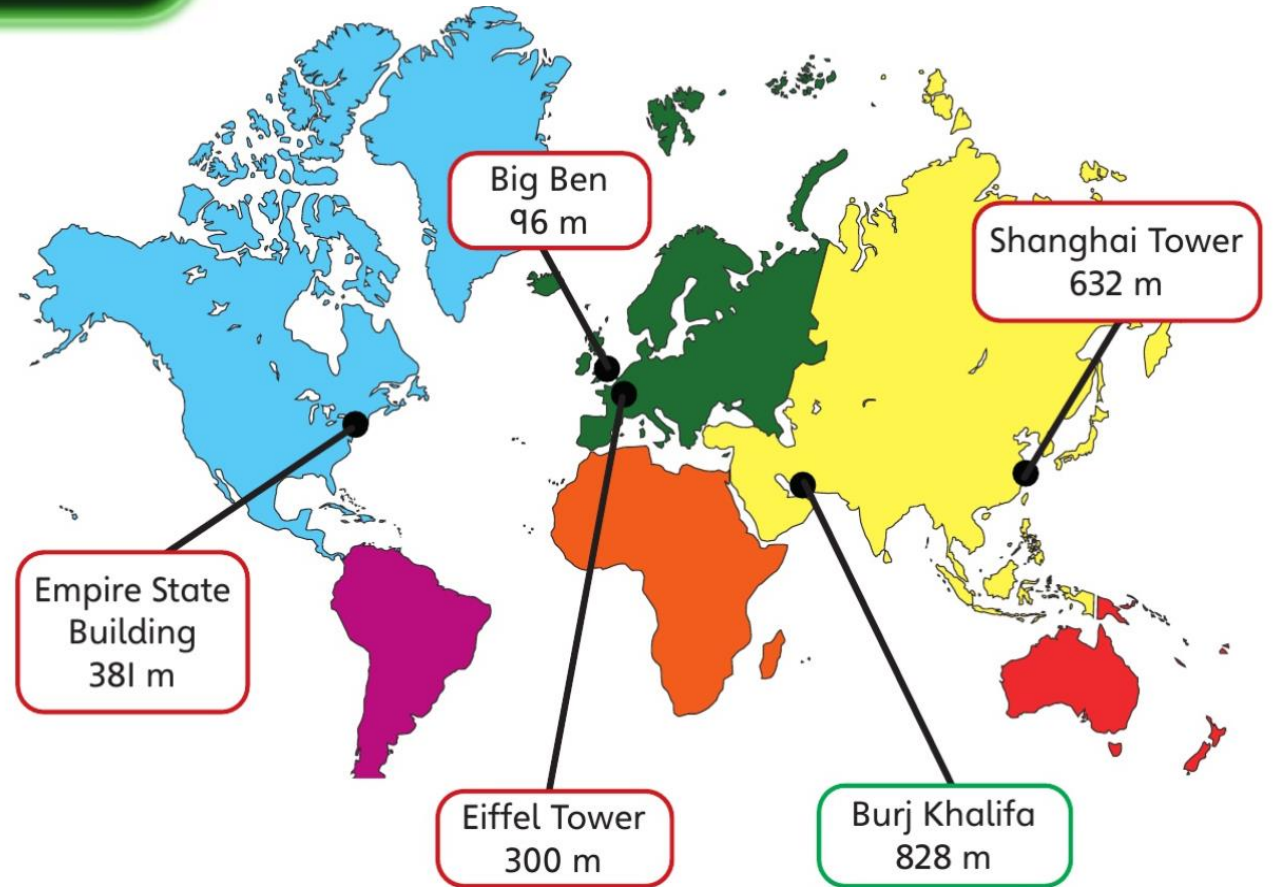
## [Loughton School website](#)

In this section

Loughton School Strategy

# Discover

Example  
of a  
lesson



- 1 a) Which is taller, the Empire State Building or Big Ben?

Share

a) Empire State Building

H	T	O
3	8	1

Big Ben

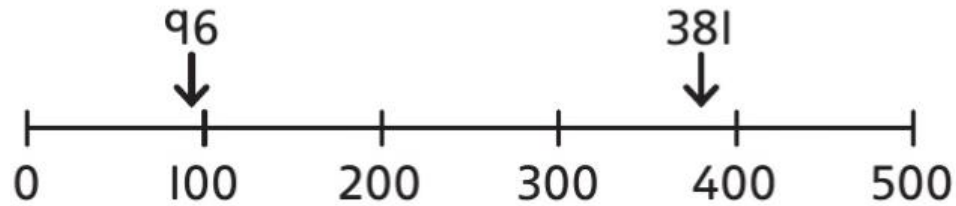
H	T	O
	9	6

There are 3 hundreds for the Empire State Building. This is greater than 0 hundreds for Big Ben.

So  $381 > 96$

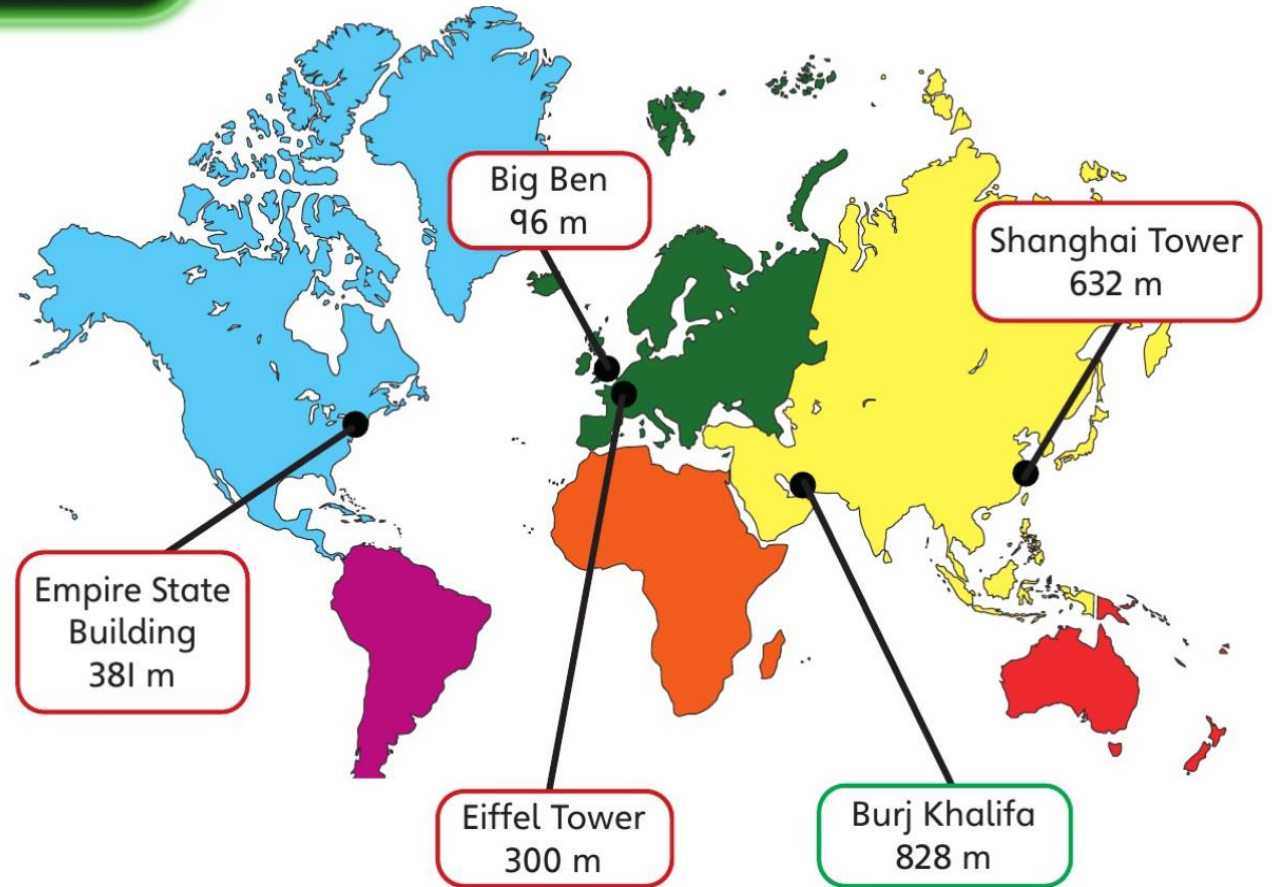
The Empire State Building is taller than Big Ben.

I put the numbers onto a number line to compare them.



## Discover

Example  
of a  
lesson



b) Put the buildings in order of height.

Start with the shortest.

b)

	H	T	O
Big Ben		9	6
Eiffel Tower	3	0	0
Empire State Building	3	8	1
Shanghai Tower	6	3	2
Burj Khalifa	8	2	8

I compared the 100s, then the 10s, then the 1s.





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## Going Deeper...

- 3 a) Put these numbers in ascending order.

276   300   188   712

**Ascending** means from smallest to greatest.  
**Descending** means from greatest to smallest.

- b) These numbers are in ascending order.

18\_   1\_5   \_74   32\_

Find a possible value for each of the missing digits.

I think there is more than one answer.




I wonder what the smallest and largest digits that can go in each number are.



# Independent Practice

Unit 1: Place value within 1,000, Lesson 12

3 Here are four jars of counters.



H	T	O

Write the numbers shown on the jars from greatest to smallest.

\_\_\_\_\_

greatest smallest

4 Write each set of numbers in order, starting with the smallest number.

a) 115 126 118         

b) 295 200 529 207           

c) 86 800 806 608           

d) 780 70 80 870           

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**PUPIL PRACTICE BOOK 3A PAGE 40**

Unit 1: Place value within 1,000, Lesson 12


Date: \_\_\_\_\_

## Order numbers to 1,000


1 Here are three towers and their heights.



A is 225 m tall



B is 256 m tall



C is 180 m tall

Write the heights in order.  
Start with the shortest.

	H	T	O
Tower A	2	2	5
Tower B	2	5	6
Tower C	1	8	0

\_\_\_\_\_

shortest tallest

2 Write the following numbers in order, starting with the greatest.

H	T	O
4	1	7
7	4	0
4	7	1

Write the numbers in order, from smallest to greatest.

\_\_\_\_\_

smallest greatest

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**PUPIL PRACTICE BOOK 3A PAGE 39**

Unit 1: Place value within 1,000, Lesson 12

5 The following numbers are in order.  
What could the missing digits be?  
Find three possible answers for each one.

a)  85 < 3  <  18

b)  85 > 38  >  18

 85 < 3  <  18

 85 > 38  >  18

 85 < 3  <  18

 85 > 38  >  18

**CHALLENGE**

**Reflect**

Look at these numbers and then think about how you would put them in order from smallest to greatest.

718 817 78 871

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Explain your method.

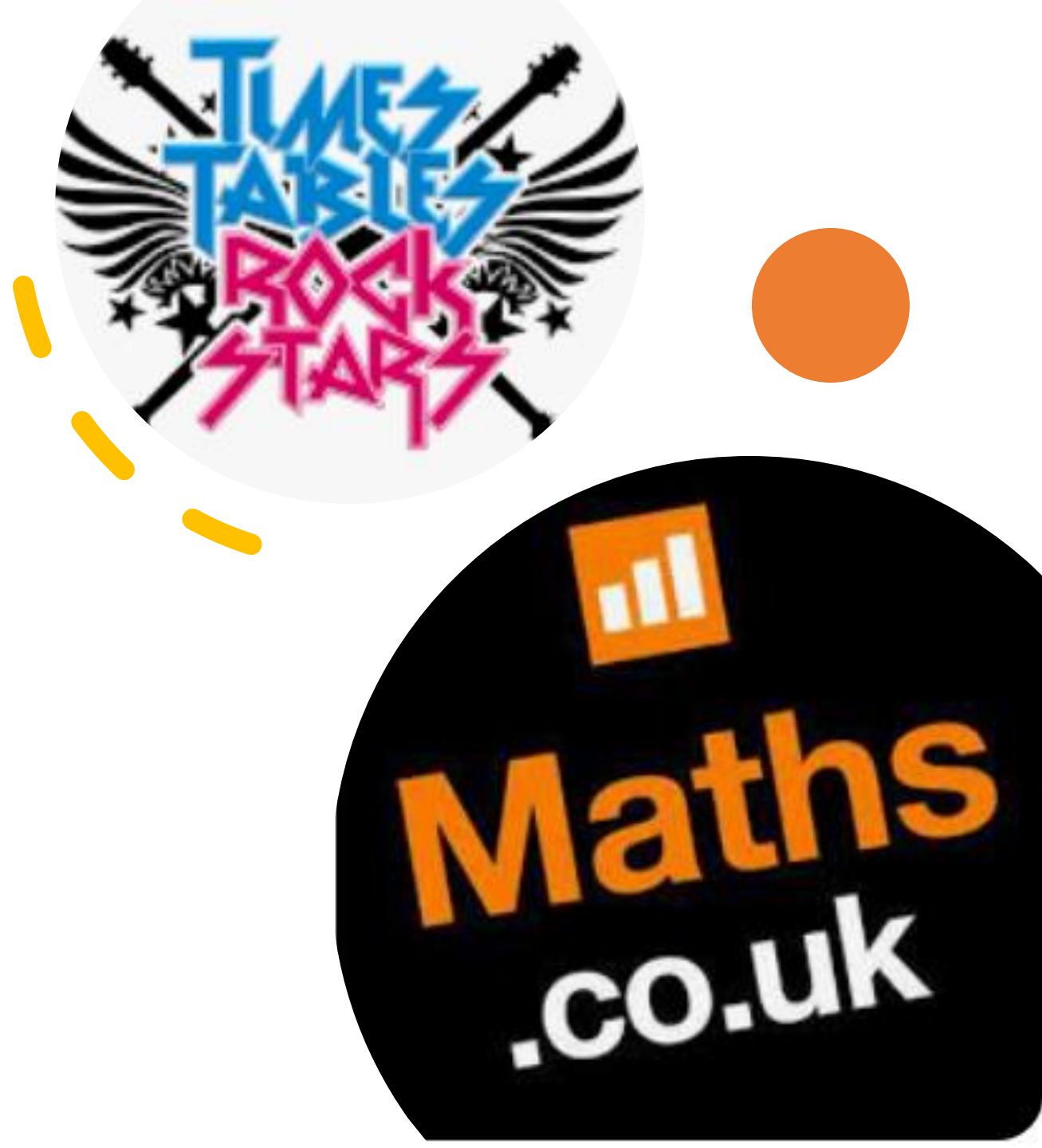
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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**PUPIL PRACTICE BOOK 3A PAGE 41**

# What can you do at home to help?

- All year groups TT Rockstars
- Year 5 and 6 maths.co.uk
- [Maths - Loughton School](#)



# Thank you for coming

- On the tables you can have a look at the Power Maths books to see the learning your children will be completing in the lessons.
- If you ever have any questions, please do contact your child's class teacher.

