



LOUGHTON SCHOOL

# Maths curriculum evening

Thursday 21st September 2023

# Overview

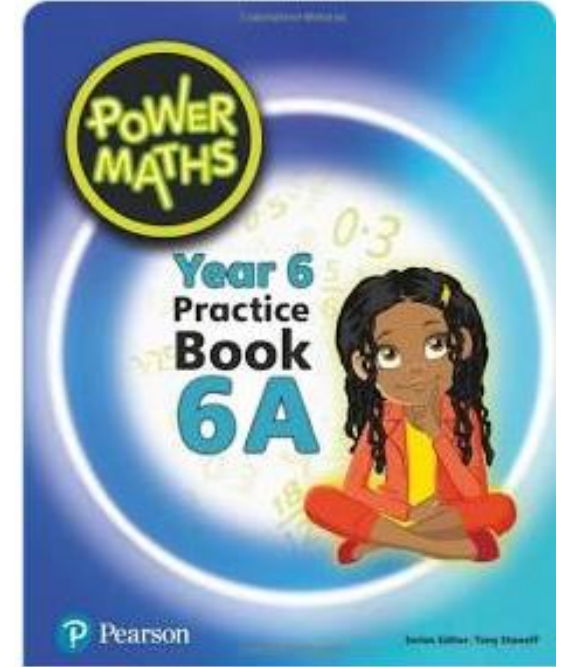
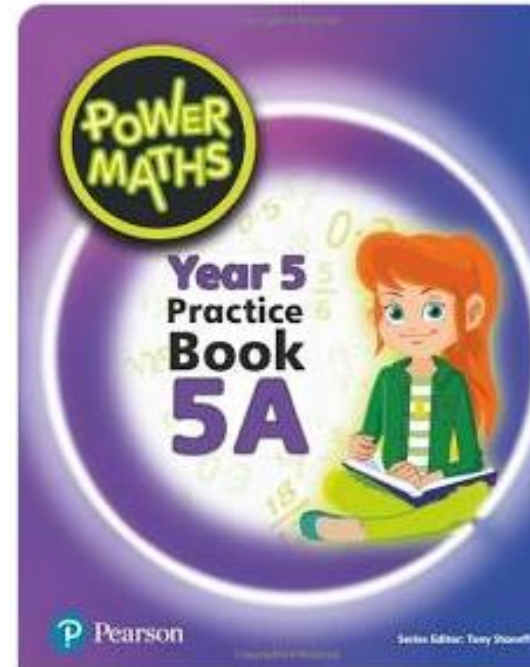
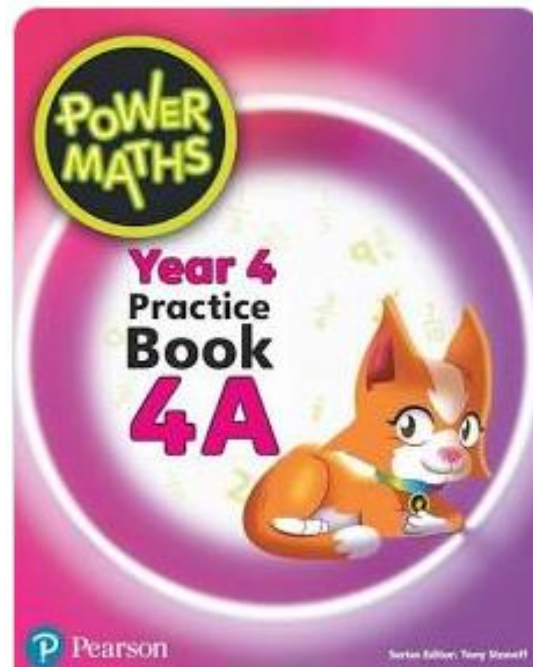
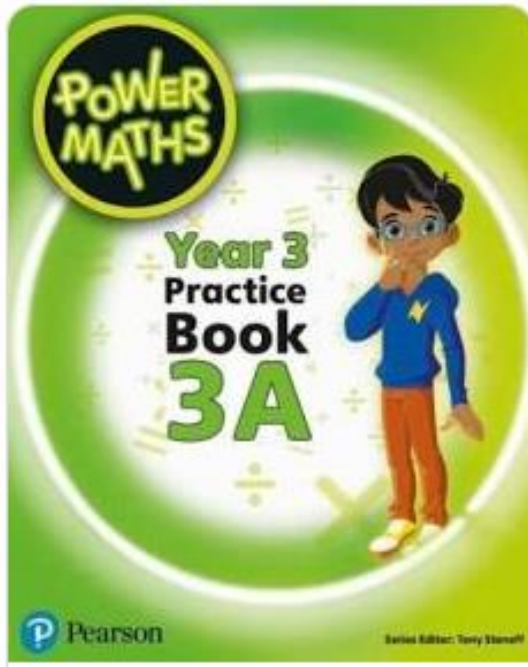
- Maths vision
- Power Maths
- Where you can find out more about what your children are learning
- Example of a lesson
- Things you can do at home

# 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

# Example of a lesson

## Discover



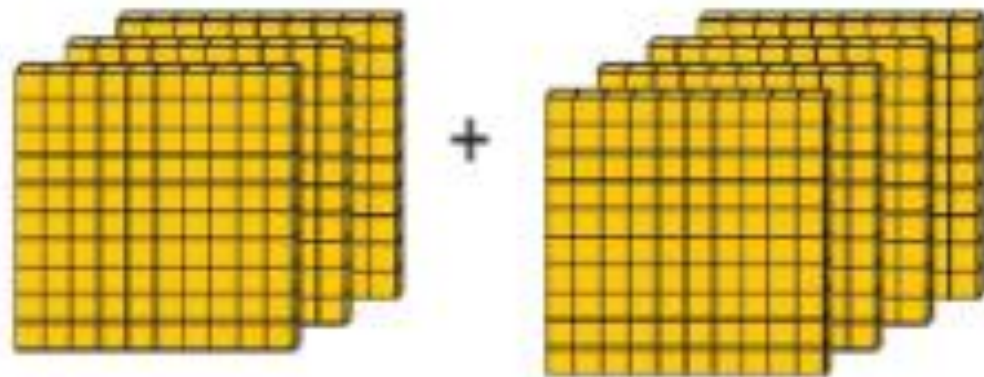
- I** a) How many bricks are on the ground?  
How many bricks are on the lorry?
- b) How many bricks are there in total?



Share

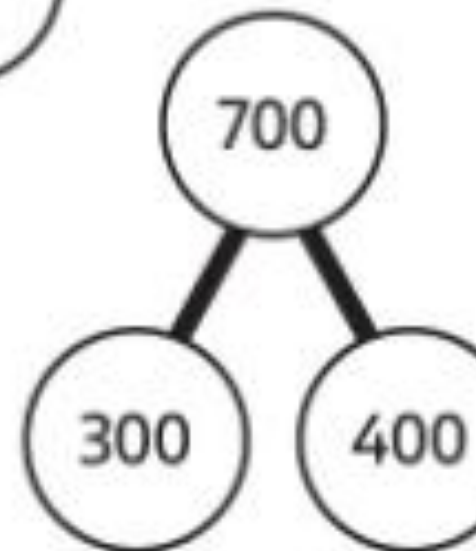
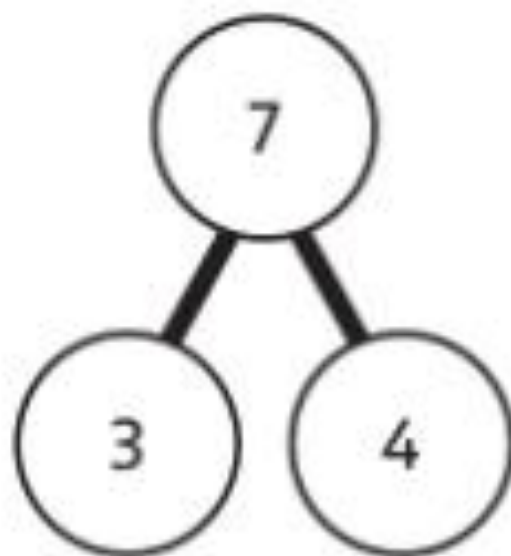
b)  + 

3 ones + 4 ones = 7 ones



3 hundreds + 4 hundreds = 7 hundreds

There are 700 bricks in total.


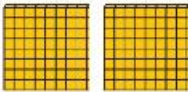


## Think together

1 Use base 10 equipment to help you work out the answers.

a)  + 

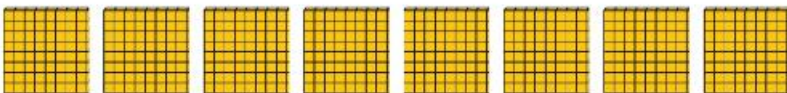
3 ones + 2 ones =  ones

b)  + 

3 hundreds + 2 hundreds =  hundreds

c) 

8 ones - 2 ones =  ones

d) 

8 hundreds - 2 hundreds =  hundreds

I can see some patterns.



2 a)  $2 + 6 = \square$

$200 + 600 = \square$

b)  $5 + 1 = \square$

$500 + 100 = \square$

c)  $7 - 5 = \square$

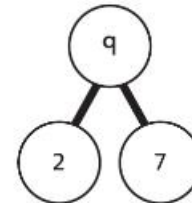
$700 - 500 = \square$

d)  $8 - 3 = \square$

$800 - 300 = \square$

3 Emma uses this part-whole model to write a fact family of related 100s facts.

Write the rest of the fact family for Emma's part-whole model.



$200 + 700 = 900$

$900 - 200 = 700$

I think there are 8 possible answers.



I will find all the additions first.



# Independent Practice

Unit 2: Addition and subtraction (1), Lesson 1

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

**Use known number bonds**

**1** Complete the additions.

a)  $4 \text{ ones} + 2 \text{ ones} = \square \text{ ones}$

b)  $4 \text{ tens} + 2 \text{ tens} = \square \text{ tens}$

c)  $4 \text{ hundreds} + 2 \text{ hundreds} = \square \text{ hundreds}$

**2** Complete the subtractions.

a)  $7 \text{ ones} - 3 \text{ ones} = \square \text{ ones}$

b)  $7 \text{ hundreds} - 3 \text{ hundreds} = \square \text{ hundreds}$

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Unit 2: Addition and subtraction (1), Lesson 1

**3** Complete the addition.

a)  $\square 00 + \square 00 = \square 00$

b) Complete the subtraction.

$700 - \square 00 = \square 00$

**4** Complete these additions and subtractions.

a)  $3 + 5 = \square$   
 $300 + 500 = \square$

b)  $4 + 4 = \square$   
 $400 + 400 = \square$

c)  $8 + 1 = \square$   
 $800 + 100 = \square$

d)  $6 - 4 = \square$   
 $600 - 400 = \square$

e)  $9 - 7 = \square$   
 $900 - 700 = \square$

f)  $10 - 6 = \square$   
 $1,000 - 600 = \square$

**5** Complete these additions and subtractions.

a)  $700 - 200 = \square$

b)  $500 - 200 = \square$

c)  $700 - \square = 200$

d)  $700 + 200 = \square$

e)  $500 + \square = 700$

f)  $500 = \square - 200$

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Unit 2: Addition and subtraction (1), Lesson 1

**6**

a) How many ice creams and choc ices are there in total?  $\square$

b) The shopkeeper sells 300 drinks. How many drinks are left?  $\square$

**7** Crack the code. Each symbol represents a single digit.

$\star 00 + \triangle 00 = \square 00$

$\triangle 00 - \star 00 = 200$

$\square + \triangle + \star = 16$

$\star = \square$     $\triangle = \square$     $\square = \square$

**Reflect**

How many addition and subtraction facts for 100s can you write that use the number fact  $9 - 4 = 5$ ?

Discuss with a partner.

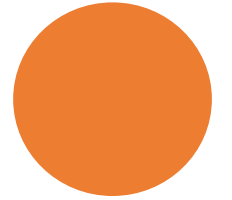
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# What can you do at home to help?

- All year groups TT Rockstars
- Year 5 and 6 [maths.co.uk](https://www.maths.co.uk)



# 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 even have any questions, please do contact your child's class teacher

