



Lodge Farm Primary School- Knowledge Organiser

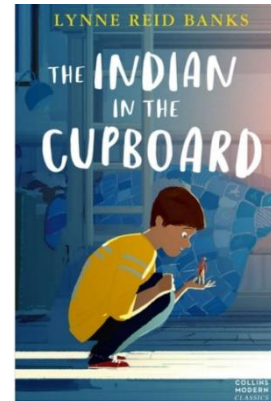
Year 4 Term: Spring 1



English

Key Content:

This half term, our class reading book is *The Indian in the Cupboard* By Lynne Reid Banks. Children will explore a range of writing genres (adventure stories, instructions and balanced argument) linked to their class reading book. They will plan, write, proof read, edit and produce a final 'best' version for each genre.



Reading lessons will be linked to their class reading book and will focus on:

- Predicting what might happen from details stated and implied
- Identifying main ideas drawn from more than one paragraph and summarising these
- Drawing inferences such as inferring characters' feelings and justify with evidence

Spellings

Children will bring home 10 spellings every week and will be tested every Friday. Please ensure that they practise their spellings throughout the week using the Spelling Shed website in preparation for their spelling test.

BoomReader

Please help your child by ensuring that they read for at least 15 minutes each night and use the BoomReader app to log this information.

Curriculum Driver:

Knowledge of the World

Maths

Key Content:

This half term, our class will cover:

Multiplication and Division

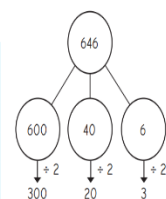
Children need to be able to recognise and use factor pairs and commutativity in mental calculations; recall multiplication and division facts for multiplication tables up to 12×12 ; and multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000. Children also need to be able to solve problems involving multiplying and adding; multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout; and use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1, dividing by 1 and multiplying together 3 numbers.

Use the place value chart to help you complete the calculation.

Hundreds	Tens	Ones
100 100	10	1 1 1
100 100	10	1 1 1
100 100	10	1 1 1

	H	T	O
	2	1	3
x			3

Mo uses a part-whole model to work out $646 \div 2$



$646 \div 2 = 300 + 20 + 3 = 323$

Use Mo's method to work out the divisions.



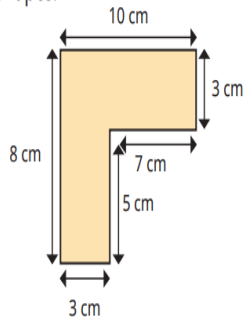
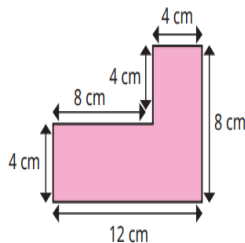
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Length and Perimeter

Children need to be able to convert between different units of measure (for example, kilometre to metre; hour to minute); and measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

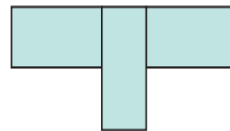
Work out the perimeters of the shapes.



Alex has made a shape with three identical rectangles.

Each rectangle is 20 cm long and 10 cm wide.

Work out the lengths of all eight sides of Alex's shape.



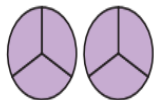
Fractions and Decimals

Children need to be able to recognise and use fractions as numbers, including unit fractions and non-unit fractions with small denominators; recognise and show, using diagrams, families of common equivalent fractions; and add and subtract fractions with the same denominator.

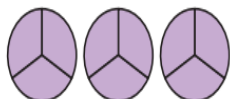
Fill in the missing numbers.



$$\frac{3}{3} = \text{---} \text{ whole}$$



$$\frac{6}{3} = \text{---} \text{ wholes}$$



$$\frac{9}{3} = \text{---} \text{ wholes}$$

$$\frac{\square}{3} = \frac{2}{6}$$

$$\triangleright 1\frac{1}{3} = \text{---} \frac{\square}{6}$$

TT Rockstars

Times Tables Rock Stars is a carefully sequenced programme of daily times tables practice. Children should be logging on weekly at home to practice their times table recall.

Curriculum Driver: Aspiration