



Lodge Farm Primary School- Knowledge Organiser

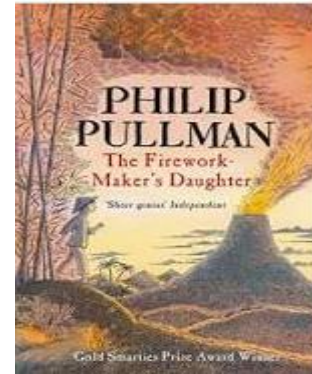
Year 3 Term: Spring 1



English

Key Content:

This half term, our class reading book is *The Firework Maker's Daughter* by Philip Pullman. Children will explore a range of writing genres (stories with dilemmas, instructions and book reviews) 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
- Drawing inferences such as inferring characters' feelings justifying inferences with evidence
- Discussing words and phrases that capture the reader's interest and imagination

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:

Aspiration

Maths

Key Content:

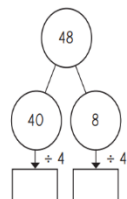
This half term our class will cover:

Multiplication and Division

Children need to be able to recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers; write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers of times 1-digit numbers; and using mental methods, progressing to formal written methods. Children also need to be able to solve problems, including missing number problems, involving multiplication and division.

Eva uses a part-whole model to work out $48 \div 4$

Complete Eva's workings.



$$48 \div 4 = \underline{\quad}$$

Annie has some green and pink counters.



- There are twice as many green counters as pink counters.
- There are 18 counters altogether.

How many green counters are there?



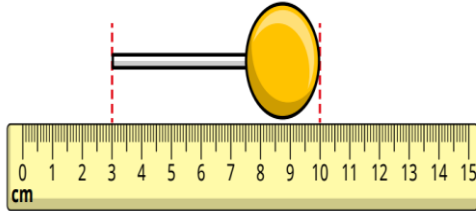
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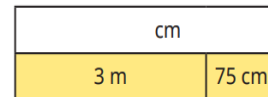
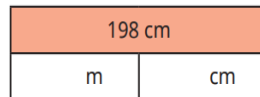
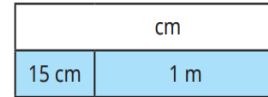
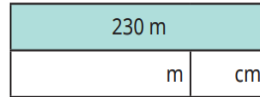
Length and Perimeter

Children need to be able to measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). They also need to measure the perimeter of simple 2-D shapes.

What is the length of the lollipop?



Complete the bar models.



Fractions

Children need to be able to recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators, compare and order unit fractions, and fractions with the same denominators, measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) and recognise and show, using diagrams, equivalent fractions with small denominators.

$\frac{3}{8}$

1

$\frac{1}{8}$

Which is the greatest fraction?
Which is the smallest fraction?
Explain your answer.

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: Understanding of the World