

Lodge Farm Primary School- Knowledge Organiser Year 5 Term: Spring 1



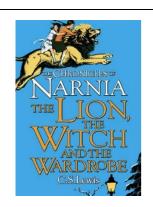
English

Key Content:

This half term, our class reading book is The Lion, the Witch & the Wardrobe By C.S Lewis. Children will explore a range of writing genres (fantasy stories, newspaper reports and non-chronological reports) 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:

- Identifying main ideas drawn from more than one paragraph and summarising these
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions
- Justify inferences with evidence.



Spellings

Children will bring home 10 spellings every week and will be tested every Friday. Please ensure that the children 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. In Year 5, they may read independently some evenings, however, they should be listened to by an adult.

Curriculum Driver:

Healthy Lifestyles

Maths

Key Content:

This half term, our class will cover:

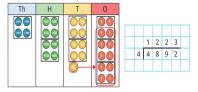
Multiplication and Division

Children need to be able to multiply up to 4 digits by 2 digits; and divide up to 4 digits by 1 digit including with remainders using the formal written method. Children also need to be able to solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes.

e.g.

Complete the calculation to work out 123 × 23 Ron has worked out 4,892 ÷ 4 using place value counters and short division





Fractions

Children need to be able to multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams, and solve problems involving increasingly harder fractions to calculate quantities; and use fractions to divide quantities, including non-unit fractions where the answer is a whole number.



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Tommy uses an array of counters to find $\frac{5}{6}$ of 30

I split the counters into $\frac{5}{6}$ of 30 = 25

Whitney is working out $3 \times 2\frac{2}{5}$ by partitioning the mixed number into a whole number and a fraction.

$$3 \times 2 = 6$$

$$3 \times \frac{2}{5} = \frac{6}{5} = 1\frac{1}{5}$$

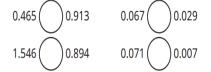
$$3 \times 2\frac{2}{5} = 6 + 1\frac{1}{5} = 7\frac{1}{5}$$

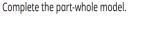
Decimals and Percentages

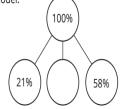
Children need to be able to read and write decimal numbers as fractions; identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths; recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents; and solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25. Children also need to be able to read, write, order and compare numbers with up to 3 decimal places; round decimals with 2 decimal places to the nearest whole number and to 1 decimal place; recognise the per cent symbol (%) and understand that per cent relates to "number of parts per 100"; and write percentages as a fraction with denominator 100, and as a decimal fraction.

Write > or < to compare the numbers.

Use a place value chart and counters to help you.







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:

Knowledge of the World