

# Year 4 Knowledge Map—Lent 2

## Geography—The School Environment



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Environmental geography is a study of how humans interact with physical geography. Problems include litter pollution, noise pollution and deforestation.

We will be doing some field work within our school environment. We will be observing certain areas within our school, such as those where there is litter (including leaves on the playground) and things such as noise pollution.

You will collect your data and then present it in different ways to show your results e.g. a bar chart.

## Science—Living things and their habitats

We will continue with this topic from last half term and further our learning on classifying living things and also focus on the environmental issues we have around the world.

<b>endangered</b>	Being <b>endangered</b> means that scientists think that a type of animal or plant is at risk of becoming <b>extinct</b> .
<b>extinct</b>	<b>Extinct</b> means that there are none of that type of animal or plant left alive.



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## DT—American dishes

We will be using a range of cooking skills to make a variety of

American dishes. We will follow a recipe for each item you cook.

A recipe is an instructional text used when cooking or baking food. It tells the person cooking the food, what ingredients they should use, how to use them and any nutritional facts that may be relevant.

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**PSHE** - We are learning that emotional wellbeing helps us to understand the difference between feelings and actions, how to manage them and what to do to help ourselves by staying emotionally healthy.

**French** - In French we are looking at practicing telling the time and using this in phrases. We will also be learning different French fetes and festivals.

## Key dates and information

Swimming will continue to take place every Monday this half term for all Year 4 children. Please ensure boys bring swimming trunks and girls a one-piece swimming costume along with a towel.

## English

### Singular and plural

A **noun** names an object, person or place.

When a noun is **singular**, it means there is **one of them**. When a noun is **plural** it means there is **more than one**.

#### Rules to help spell plurals

**Add an 's'**  
This is the most common way to make a plural (eg bike - bikes).

**Words ending in 'y'**  
If there is a **consonant** before the 'y', change the 'y' to 'i' before adding 'es' (eg lady - ladies).

If there is a **vowel** before the 'y', just add 's' (eg toy - toys).

(Vowels: the five vowels in the alphabet are **a e i o u**.)

**Consonants:** all the other letters in the alphabet that are not vowels are called consonants)

**Words ending in 'x', 'sh', 'ch', 's' or 'ss'**

For words ending in 'x', 'sh', 'ch', 's' or 'ss' add 'es' (eg church = churches).

**Words ending in 'f' or 'fe'**

For most of these words, change the 'f' or 'fe' to 'v' before adding 'es' (eg leaf - leaves).

Watch out for the words that don't fit this rule: eg chief - chiefs. To help work out the exceptions to the rule, listen for the change in the sound when you say the word.

Some exceptions: roof = roofs, chief = chiefs, belief = beliefs, chef = chefs, cafe = cafes, handkerchief = handkerchiefs, safe = safes.

### Contractions

are **short words made by putting two words together**.

Letters are omitted in the contraction and

replaced by an **apostrophe**.

### My Contractions Word Mat

should have	could not	do not	I will	we are
should've	couldn't	don't	I'll	we're
could have	let us	they will	you have	would have
could've	let's	they'll	you've	would've
cannot	have not	must not	he would	does not
can't	haven't	mustn't	he'd	doesn't
it is	shall not	they are	had not	she is
it's	shan't	they're	hadn't	she's
should not	I am	was not	would not	
shouldn't	I'm	wasn't	wouldn't	

# Maths

In Maths this half term, we will be learning about lines of symmetry in different shapes.

We will also be exploring place value including decimal numbers and applying these skills to money.

We will explore the relationship between fractions.

Fractions		Knowledge Organiser	
Key Vocabulary	Fraction Families		
numerator			
denominator			
unit fraction			
non-unit fraction			
equivalent			
quantities			
whole			
halves			
thirds			
quarters			
fifths			
sixths			
sevenths			
eighths			
ninths			
tenths			
elevenths			
twelfths			
quantities			
<b>Fractions of Quantities</b> To find a fraction of a number, divide by the denominator and multiply by numerator. To find quarters of 20: $\frac{1}{4}$ of 20 = 5 $\frac{2}{4}$ of 20 = 10 $\frac{3}{4}$ of 20 = 15 $\frac{4}{4}$ of 20 = 20 To find eighths of 56: $\frac{1}{8}$ of 56 = 7 $\frac{2}{8}$ of 56 = 14 $\frac{3}{8}$ of 56 = 21 $\frac{4}{8}$ of 56 = 28 $\frac{5}{8}$ of 56 = 35 $\frac{6}{8}$ of 56 = 42 $\frac{7}{8}$ of 56 = 49 $\frac{8}{8}$ of 56 = 56			

Remember to continue practising your times tables by logging onto TTRS.

### Lines of Symmetry

Lines of symmetry may be horizontal, vertical or diagonal. Some 2D shapes will have no lines of symmetry and some 2D shapes will have multiple lines of symmetry.

A square has four lines of symmetry.	A rectangle has two lines of symmetry.	An equilateral triangle has three lines of symmetry.	An isosceles triangle has one line of symmetry.	A rhombus has two lines of symmetry.
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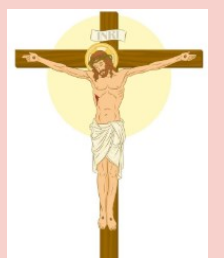
<b>£0.01</b>	<b>£0.02</b>	<b>£0.05</b>	<b>£0.10</b>	<b>£0.20</b>	<b>£0.50</b>	<b>£1.00</b>	<b>£2.00</b>
one penny coin	two pence coin	five pence coin	ten pence coin	twenty pence coin	fifty pence coin	one pound coin	two pound coin

We can compare or order amounts by changing all amounts to either pounds or pence.

$£4.82 = 482p$ $482p > 428p$ $£4.82 > 428p$	Order in ascending order: $156p, £1.65, 516p, £6.51$ $156p, £1.65, 516p, £6.51$
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Our Lenten prayer



Loving God,  
 we pray for our school family as we begin this season of Lent.  
 Fill our hearts with gratitude, patience, strength, and peace as we strive to become the best version of ourselves.  
 Help us to be generous in our actions so that we can become more like you.  
 Amen

## RE

In the unit Giving and Receiving we will be learning about the parts of the mass.

**Key words:** Communion, community, giving, receiving, Liturgy of the Word, Penitential Act, Lamb of God, Concluding Rite, Sign of Peace.

In the unit Self-discipline we will be exploring the season of Lent and Holy Week.

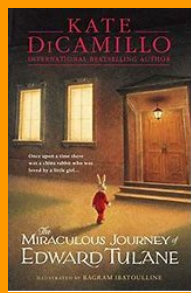
**Key words:** self-discipline, effort, potential, penance, contrition, Lent, Easter, Resurrection, fasting, alms giving



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## Reading— class novel

Scan the code to find out more about Katie DiCamillo and the other books she has written.



Please remember to read your reading book daily and sign your reading record.