

Year 6 Knowledge Map – Term 1

Maths

Rounding to the nearest 100 000

200 000 ← 249 999 → 250 000 → 300 000

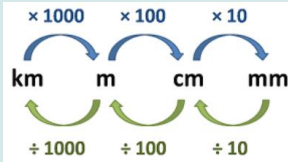
round down round up

Rounding to the nearest 1 000 000

2 000 000 ← 2 499 999 → 2 500 000 → 3 000 000

round down round up

Tm	M	Hth	Tth	Th	H	T	O	t	h	th
Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
10 000 000	1 000 000	100 000	10 000	1000	100	10	1	0.1 $\frac{1}{10}$	0.01 $\frac{1}{100}$	0.001 $\frac{1}{1000}$



three million, nine hundred and twenty-six thousand, four hundred and seventy-one



Key Vocabulary

- ten million
- millions
- thousands
- hundreds
- tens
- ones
- zero
- place value
- greater than
- less than
- order
- round
- rounded
- negative number
- partition
- digit
- interval
- sequence



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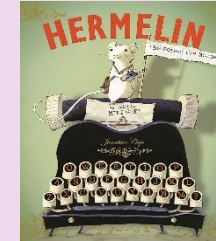
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In maths, we will be learning about the place value of larger numbers up to ten million. This will include converting between different units of measure. We will also be learning about rounding and ordering decimal numbers.

English

In our writing journey, we will be using the book 'Hermelin' by Mini Grey to inspire our diary entries and adventure narratives.



We will also be studying non-fiction using the 'Planetarium' by Raman Prinja. We will use this to develop our understanding of multi-clause sentences and to widen our vocabulary.

Click the QR code to refresh your learning from Year 5 😊



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Speaking Frame - Comparing Numbers

- I am looking at the ... place value column because ...
- I know that is greater than because ...
- must be smaller than because ...
- digit, position, less than, more than, whole number

Our PE days are Wednesdays and Thursdays. Come into school wearing your kit.

PRIME NUMBERS

1	2	3	5	7	11	13	17	19
23	29	31	37	41	43	47	53	59
61	67	71	73	79	83	89	97	

Key Dates

- 21st and 22nd October – Whole School Flu Vaccines
- 9th October 4-7pm – Parents Evening
- 16th October 4-7pm – Parents Evening
- 7th November – Individual School Photos
- 30th November – Christmas Fayre



Spelling – Learn these statutory spellings and use them in your writing.

- aggressive
- attached
- amateur
- available
- ancient
- average
- apparent
- awkward
- appreciate
- bargain
- bruise

Scan here to find out more about Year 6 grammar...

PSHE

Being Me in My World

We will be setting goals for the year and celebrating our individual differences. Through empathising and understanding others, we can value the different contributions that people and groups make to our community. To collaborate and grow together, we will model our agreed Learning Charter which is a set of non-negotiables for everyone to practice during our time in-class.

Science

In science, we will be classifying and organising animals, plants and organisms based on shared characteristics. We will explore the work of scientist Carl Linnaeus and consider the taxonomy system for grouping living things.



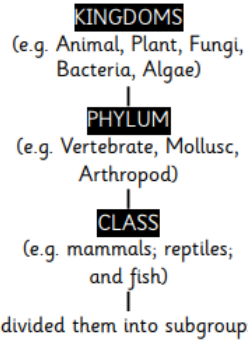
Scientist from Sweden

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Carl Linnaeus created the **taxonomy** system to organise living things from about **1737**

Linnaeus later inspired Charles Darwin to study his theory of evolution through observations in the field (environment)



We will learn all about vertebrates and invertebrates!



Reptiles



Mammals



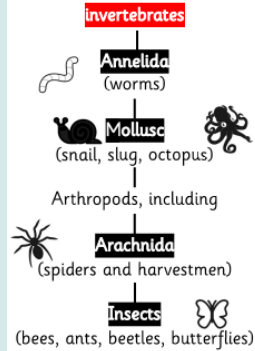
Fish



Birds



Amphibians



Music

- adagio** - slow
- allegro** - quick (literally 'cheerful')
- amoroso** - loving
- animato** - animated and lively
- cantabile** - in a singing style
- con brio** - with vigour, lively
- delicato** - delicately
- legato** - smoothly
- marziale** - in a military style
- rubato** - with some freedom of time



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We will be focusing on music from World War Two. We will be singing 'There'll Be Bluebirds Over (The White Cliffs Of Dover)' and learning the tune and a harmony. Try these vocal warm ups before you sing! Scan the code to hear the song!

Diaphragm (breathing muscle)

Make these sounds:

sh sh sh sh!

Ho ho ho!

F F F F!

Ch ch ch ch!

Can you feel it moving if you put your hands on your tummy?

Use an 'mmmmmmmmmm' sound and follow a wave going up and down. Can you spell your name in the air and follow your finger with an 'mmmmmm' sound?

Do the same with an 'oooooooooooo' sound. Was that too loud? Try to do it quietly everybody!

RE

We will be exploring the Islamic faith this half-term and will be exploring the five pillars of Islam!

The Shahadah
The belief that there is no God but Allah and that Muhammad is his messenger.

Salah
Praying five times a day.

Zakat
Making an annual charitable donation to help the poor.

Sawm
Fasting during the month of Ramadan.

Hajj
Attending the pilgrimage to Mecca at least once in your lifetime.

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Geography

In geography, we will be researching and comparing the geographical features of three countries. Our focus will be on a mountain range in each location: the Lake District in the United Kingdom, the Tatra Mountains in Poland and the Blue Mountains in Jamaica. In our work, we will identify the pull factors of visiting each range and explain how they formed over millions of years including glaciers and tectonic plate movements. In exploring the similarities and differences, we will develop our understanding of climate zones, continents, summits and altitudes, habitats and cultures.

1. Where is the Lake District and what is it like?

Region located in North-West England

Cumbria

What's the Lake District National Park like?

England's highest mountain **Scafell Pike (978m or 3,209 feet)**

spectacular scenery

pull factor for tourists

millions of tourists visit every year

West Water and Lake Windermere

Animals and Plants

Peregrine falcons	Grass
Red deer	Oak and Pine
Red squirrels	
Herdwick sheep	
Otters	

towns and villages prosper, such as

Keswick and Ambleside

one of the wettest places in England

moist clouds roll in from the Atlantic

clouds rise over the mountains

water condenses and precipitates as rain

54° - 55° north of Earth's equator

French



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In French, you will be learning new vocabulary on sport and the Olympics. Click the QR code to learn how to talk about what sports you like in French.