

Year 6 Knowledge Map – Term 1

Maths

Rounding to the nearest 100 000

200 000 ← 249 999 → 250 000 → 300 000

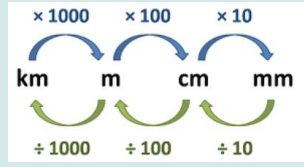
round down round up

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	Tk	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	1 000	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



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

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

In maths, we will learning about the place value of larger numbers up to ten million. This will include converting between different units of measure.

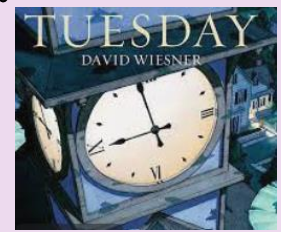


Key Vocabulary

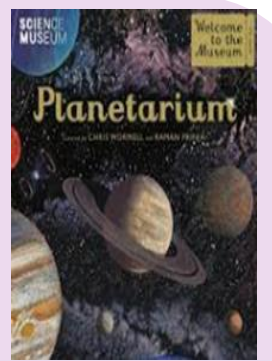
- ten million
- millions
- thousands
- hundreds
- tens
- ones
- zero
- place value
- greater than
- less than
- order
- round
- rounded
- negative number
- partition
- digit
- interval
- sequence

English

In our writing journey, we will be using the book 'Tuesday' by David Wiesner to inspire our newspaper report writing and diary entries.



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



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.

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

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

aggressive attached
 amateur available
 ancient average
 apparent awkward
 appreciate bargain
 bruise

SCAN ME

We will be setting goals for the year and celebrating our individual differences.

PSHE



Key Dates

13.12.23 - Royal and Dergate
 All payments need to be made by Friday 6th October

Science

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



Scientist from Sweden

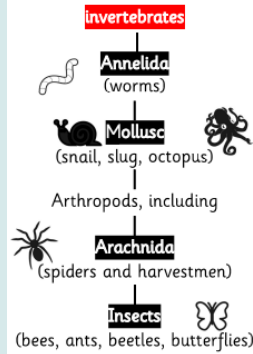
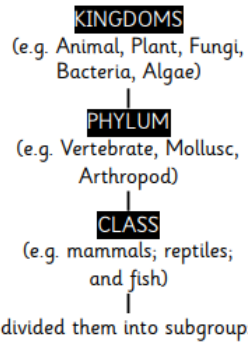


Carl Linnaeus created the **taxonomy** system to organise living things from about **1737**

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



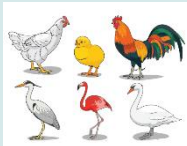
We will learn all about vertebrates and invertebrates!



Mammals



Fish



Birds



Amphibians

Reptiles

French

SCAN ME



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

RE



Geography

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
- Red deer
- Red squirrels
- Herdwick sheep
- Otters
- Grass
- Oak and Pine

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

Music

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!



SCAN ME

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?

- 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

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!

Technical vocabulary:

Street food – food prepared or cooked and sold by vendors in a street or other public location for immediate consumption.



Culture – the customs and beliefs, art, way of life and social organisation of a particular country or group.



Snack – a small portion of food, generally eaten between meals.



Nutrient – a substance that provides nourishment essential for the maintenance of life and for growth.



Prove – to swell (become larger or rounder) before being baked because of the action of yeast.



Fry – to cook something in hot fat or oil.



Design & Technology

- 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 once in your lifetime