

Spelling -

Can you find the pairs of homophones, learn their meanings and how to spell them correctly?

Homophones

Homophones are words that sound the same but have different meanings.

guest	guessed	heard	passed	past	aisle
herd	morning	mourning	isle	aloud	allowed

DESIGN & TECHNOLOGY - MECHANISMS

In DT, we will be designing and making a motorised vehicle. Can you remember the symbols in this simple circuit?

SCIENCE - FORCES & MAGNETS

Subject Specific Vocabulary

friction	Friction is a force between two surfaces that are sliding, or trying to slide, across each other.
gravity	Gravity is a force which tries to pull two objects towards each other.
air resistance	Air resistance is a type of friction between air and another material. For example, when an aeroplane flies through the air.
water resistance	If you go swimming, there is friction between your skin and the water particles.
levers	A lever can be described as a long rigid body with a fulcrum along its length.
pulleys	Pulley is a simple machine and comprises of a wheel on a fixed axle, with a groove along the edges to guide a rope or cable.
gears	Gears are wheels with teeth that slot together. When one gear is turned the other one turns as well.
parachute	A parachute is a device used to slow down an object that is falling towards the ground. As the parachute opens, the air resistance increases.
Galileo	Galileo developed the telescope to enable close observation of the night sky.
Newton	During his lifetime, Newton developed the theory of gravity and made breakthroughs in the area of optics, such as the reflecting telescope.

Can you find the key word in the word search below. Why not research each force for further information?

Scan to research Friction.



Do you think friction is important?
What would happen without it?

ISAAC NEWTON

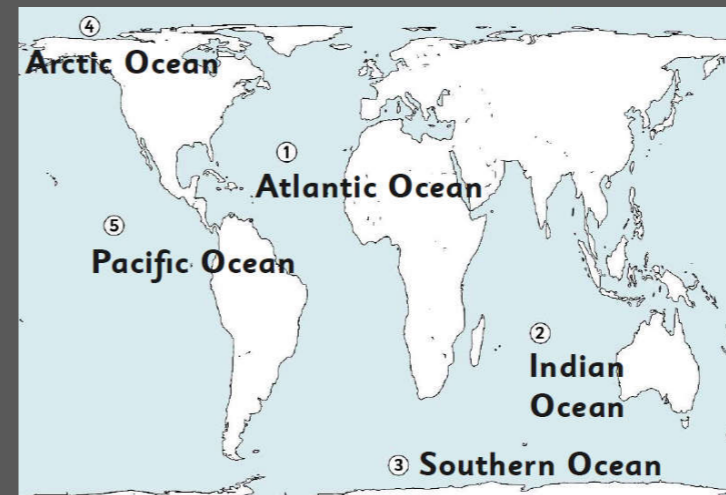
Is considered by some as one of the most important scientists in history. One of his achievements was developing the theory of gravity. It is thought he developed the theory when he saw an apple fall from a tree.



FORCE METER – is marked in Newtons and measures the weight of an object.



GEOGRAPHY - OCEANS ALL AROUND THE WORLD



United Kingdom

Can you learn all the Oceans around the world (above) and the seas that surround the UK?

PLASTIC POLLUTION

One of the biggest problems facing our oceans and the creatures that live there is the amount of plastic pollution. Here are some statistics to learn before we deepen our learning later this term.

2050 is the year experts think the amount of plastic in the ocean will weigh more than the amount of fish. There is also the problem of micro-plastics. 'Trash islands' are becoming a lot more common.

500 - 1,000 years is how long it could take for some plastics to break down. Not ALL plastics are recyclable. Single-use plastics make up 40% of the plastic made every year.

LAND & SEA Over the last 10 years we have made more plastic than during the last... **100 YEARS**. Plastics have been consumed by land based animals, as well as marine life.

1 MILLION plastic bottles are bought around the world every minute. Plastics can now be found on every beach in the world.

YEAR 5 KNOWLEDGE MAP

Important dates this term:

- 09.09.2021 - Meet the Teacher (3:00 - 3:30pm)
- 27.09.2021 - Maths Monday (8:30 - 9:00am)
- 01.10.2021 - Y5 & 6 - Karl Nova (rapper/ poet) visit
- 05.11.2021 - First Friday Mass @ St Margaret's Church
- 10.11.2021 - Anglo-Saxon Workshop @ Stockwood Park Discovery Centre

Swimming - Swimming lessons take place on Thursday afternoons. Please ensure your child has their kit in school each week.



MUSIC

Children will be learning some rock vocals, whilst listening to, appraising and performing Bon Jovi's 80s hit - Livin' on a Prayer. Scan the QR code to rehearse the lyrics.



SCAN ME

FRENCH - Parts of the body

l'oreille	la jambe	la tête
les cheveux	le ventre	le bras
le nez	le cou	la main
les yeux	la bouche	le pied

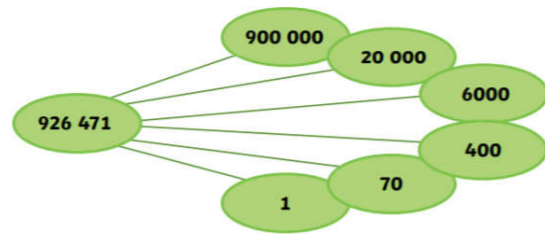
Maths

Numbers to One Million

926 471

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
9	2	6	4	7	1

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



Multiplying and Dividing by 10, 100 and 1000

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
+ 10				
	3	8		
x 10				
3	8			

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
+ 100				
	0	3	8	
x 100				
3	8			

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
+ 1000				
	0	0	3	8
x 1000				
3	8			

Order and Compare Numbers with Three Decimal Places

Ones	Tenths	Hundredths	Thousandths
0	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
2	$\frac{1}{10}$		$\frac{1}{1000}$
1			$\frac{1}{1000}$
3			

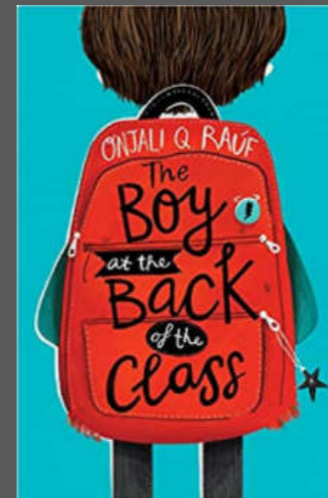
Ones	Tenths	Hundredths	Thousandths
1		$\frac{1}{100}$	$\frac{1}{1000}$
		$\frac{1}{100}$	$\frac{1}{1000}$
1	0		
2			

Ones	Tenths	Hundredths	Thousandths
1			$\frac{1}{1000}$
1	$\frac{1}{10}$		$\frac{1}{1000}$
2	1	0	$\frac{1}{1000}$

Reading & Writing

Our class novel this term is 'The Boy at the Back of the Class' by Onjali Q. Rauf. This is her first novel and won the Waterstone's Children's Prize and The Blue Peter Book Award.

Find out more about the author by scanning the QR code below.



SCAN ME

Reading Vipers

- Vocabulary
- Infer
- Predict
- Explain
- Retrieve
- Sequence or Summarise



Can you learn the meaning of the Y5 grammar terms below?

Modal Verb

Modal verbs change or affect other verbs in a sentence. They are used to show the level of possibility, indicate ability, show obligation or give permission.

Relative Pronoun

Relative pronouns (who, which, where, that, when) introduce a relative clause. They refer back to a noun or clause that we already know.

Relative Clause

A relative clause is a special type of subordinate clause which adds extra information to another noun or clause.

Parenthesis

We use parenthesis to add extra detail to a sentence which is already grammatically correct without it. We can use brackets, dashes or commas to separate the parenthetical information from the main sentence.