

# Year 5 Knowledge Map—Advent 1

Swimming takes place on a Wednesday afternoon.

We will be swimming until the Christmas holidays. Please ensure your child has the correct swim wear and a towel. Girls will also need to wear a swimming hat where appropriate.

## Maths

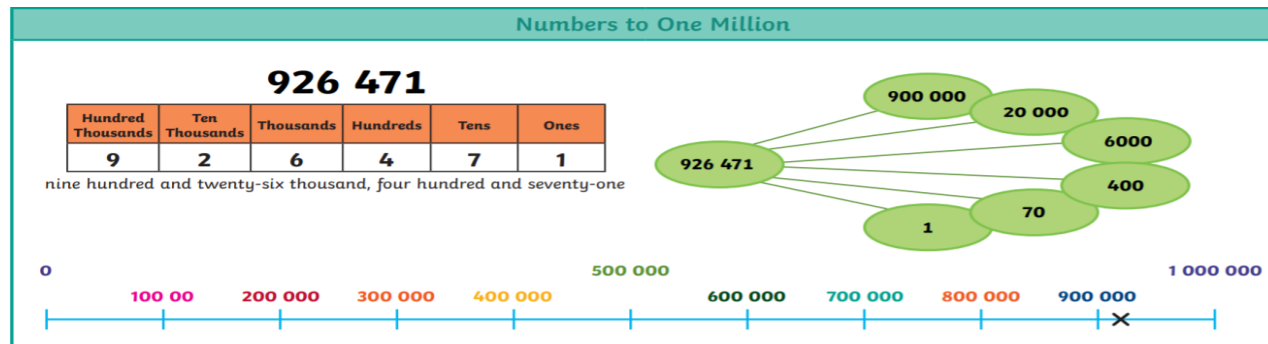
Use place value knowledge to support multiplying and dividing by 10, 100 and 1,000.

$$132 \times 10 = 1,320$$

$$132 \times 100 = 13,200$$

$$132 \times 1000 = 132,000$$

Hth	Tth	Th	H	T	O
			1	3	2
		$\times 10$	1	3	2
	$\times 10$	1	3	2	0
$\times 10$	1	3	2	0	0
1	3	2	0	0	0



### Multiplying and Dividing by 10, 100 and 1000

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
$\div 10$	3	8		
3	8			
	$\times 10$			
	3	8		

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
$\div 100$	0	3	8	
3	8			
	$\times 100$			
	0	3	8	

Tens	Ones	Tenths	Hundredths	Thousandths
3	8			
$\div 1000$	0	0	3	8
3	8			
	$\times 1000$			
	0	0	3	8

### Order and Compare Numbers with Three Decimal Places

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

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

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

**Our School Prayer** Let us remember  
 This is our school that as many hands  
 let peace dwell here built a house  
 Let the room so many hearts  
 be full of contentment make a school  
 Let love abide here Amen  
 love of one another  
 love of life itself  
 and love of God



Remember to read daily at home so you can earn a raffle ticket in class to be in with a chance of winning a prize. Try and read a variety of fiction and non-fiction books.

## Reading Vipers

Vocabulary  
 Infer  
 Predict  
 Explain  
 Retrieve  
 Sequence or Summarise



How many of these words do you know how to spell?

accommodate	committee	embarrass	immediate(-ly)	persuade	signature
accompany	communicate	environment	individual	physical	sincere(-ly)
according	community	equip (-ped, -ment)	interfere	prejudice	soldier
achieve	competition	especially	interrupt	privilege	stomach
aggressive	conscience	exaggerate	language	profession	sufficient
amateur	conscious	excellent	leisure	programme	suggest
ancient	controversy	existence	lightning	pronunciation	symbol
apparent	convenience	explanation	marvellous	queue	system
appreciate	correspond	familiar	mischievous	recognise	temperature
attached	criticise (critic + ise)	foreign	muscle	recommend	thorough
available	curiosity	forty	necessary	relevant	twelfth
average	definite	frequently	neighbour	restaurant	variety
awkward	desperate	government	nuisance	rhyme	vegetable
bargain	determined	guarantee	occupy	rhythm	vehicle
bruise	develop	harass	occur	sacrifice	yacht
category	dictionary	hindrance	opportunity	secretary	
cemetery	disastrous	identity	parliament	shoulder	

## Word Wager

Give each player 12 tokens (use anything at home) Choose a word from the Year 5/6 spelling list.

If your child thinks they can spell the word correctly they can bet up to 4 tokens. If they are unsure they can bet 1 token.

Child to attempt to spell the word on a piece of paper.

If they spell it correctly they get back their tokens and get that many points. If they get it wrong they lose the tokens they bet. The winner is the first person to get 20 points.

## Spelling rules

# Apostrophes

**CONTRACTION (linking two words)**  
 do not = don't there is = there's  
 could have = could've I have = I've  
 it is = it's should have = should've

**Possession (Apostrophe first: 's)**  
 girl's coat  
 baby's bottle  
 hen's egg  
 (PLURAL nouns NOT ending in s)  
 women's toilets children's coats  
 men's shoes

**Possession (Apostrophe last: s')**  
 (plural nouns and names ending in s)  
 Mr Evans' car  
 the girls' toilets  
 the boys' team  
 Mrs James' house

REMEMBER: Apostrophes aren't for plurals!

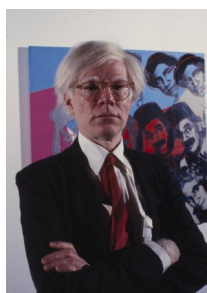
## Instagram

Don't forget to follow us on our Instagram page so that you can see all of the lovely work we produce.

@St\_Margarets\_Showcase

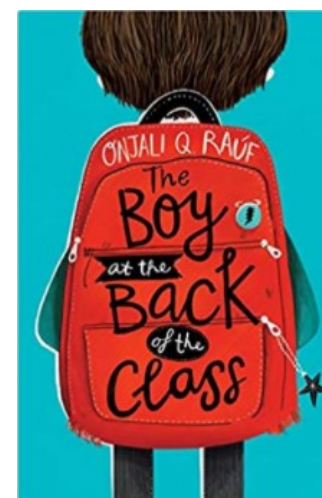


## Art: Andy Warhol



Andy Warhol was an American artist, director and producer who was a leading figure in the visual art movement known as pop art.

He used screen printing to repeat images, similarly to that of advertisements. What colours has he used? Why might he have used bright colours like this?



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.



## Science— Forces

Subject Specific Vocabulary	
<b>friction</b>	Friction is a force between two surfaces that are sliding, or trying to slide, across each other.
<b>gravity</b>	Gravity is a force which tries to pull two objects towards each other.
<b>air resistance</b>	Air resistance is a type of friction between air and another material. For example, when an aeroplane flies through the air.
<b>water resistance</b>	If you go swimming, there is friction between your skin and the water particles.
<b>levers</b>	A lever can be described as a long rigid body with a fulcrum along its length.
<b>pulleys</b>	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.
<b>gears</b>	Gears are wheels with teeth that slot together. When one gear is turned the other one turns as well.
<b>parachute</b>	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.
<b>Galileo</b>	Galileo developed the telescope to enable close observation of the night sky.
<b>Newton</b>	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?

**Forces**

E C R O F Y P S E P  
L D A H P C U U C M  
I E D N R N L L N A  
Y C V N E A L U A T  
T A P E E Y E M T E  
I F E D R O E G S R  
V R S N H U Z T I I  
A U R S D B A E S A  
R S P U L L E Y E L  
G O N O I T C I R F

GRAVITY  
FORCE  
PULLEY  
RESISTANCE  
GEAR

BUOYANCY  
FRICTION  
LEVER  
SURFACE  
MATERIAL



Scan this QR code to find out more about the Anglo-Saxons.



## History—Anglo Saxons—Britain's settlement

### Key words for the topic:

Time line, Period, Era, Anglo-Saxon, Romans, Vikings, Invasion, Attack Battle, King, Soldier, Christian, Archaeologist, Historian, Sutton Hoo, Angle, Saxon, Jute, Invader, settler, settlement

### Key facts:

- The Angles, Saxons and Jutes travelled from to Britain from Holland, Denmark and Germany.
- The Anglo-Saxons settled in Britain after the Romans had left.
- The Anglo-Saxons always settled by rivers.
- **Sutton Hoo** is the site of the grave of an Anglo-Saxon king in Suffolk, England. Discovered in 1939, it is one of the largest and best-preserved archaeological finds of the Saxon period in Europe.
- Alfred the Great led the defence against the Viking invasion.
- During the Anglo-Saxon period, the majority of people in Britain converted from Paganism to Christianity.
- Anglo-Saxons wrote in Runes, which had lots of straight lined making them easy to carve into wood.

Who were the Anglo-Saxons?

### 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.



## R.E.— Ourselves

### Key words

Qualities, talents, unique, gifts, challenge, joys, happiness, responsibility, dignity, image, peacemaker

Scripture– Genesis 1:26-28

Then God said, "Let us make mankind in our image, in our likeness, so that they may rule over the fish in the sea and the birds in the sky, over the livestock and all the wild animals,<sup>1</sup> and over all the creatures that move along the ground." So God created mankind in his own image, in the image of God he created them; male and female he created

## Dates for your Diary

Meet the teacher: 18.09.24

Maths Monday: 07.10.24

School Photos: 08.10.24

Half Term: 21.10.24-01.11.24



SCAN ME

Do you think friction is important? What would happen with out it?

### What would you do if...



you were finding your work at school difficult?