

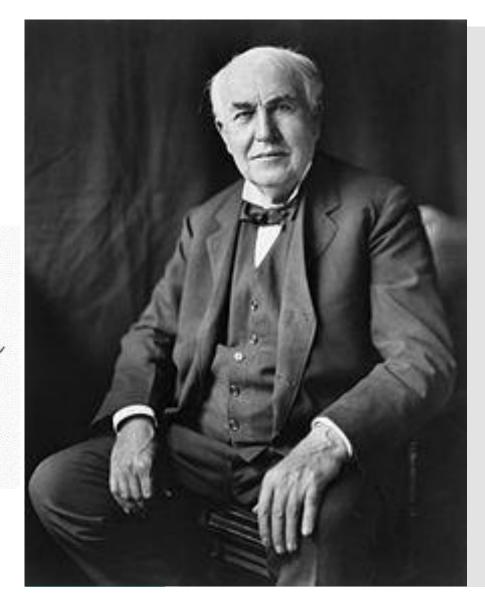
Year 3 Knowledge Organiser

Autumn Term 2023

Thomas Edison

I have not failed. I've just found 10,000 ways that won't work.

Thomas A. Edison







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What are Knowledge Organisers?

What are knowledge organisers?

- A knowledge organiser is a set of key facts or information that pupils need to know and be able to recall in order to master a unit or topic.
- Knowledge organisers outline the essential knowledge that the teachers are covering across a unit of work: including, key dates, key people, vocabulary, definitions and other information.
- The curriculum has a greater focus on retrieval and application of knowledge this
 puts increasing pressure on our children to know and retain even more
 information for longer.
- The secret to success is to regularly revisit the knowledge to be learned (known as 'spaced retrieval'). This helps transfer the knowledge from the short-term memory to the long term memory.





How to use a Knowledge Organiser?

How to use these knowledge organisers

Every week you should be studying one section of these knowledge organisers in order to be prepared for quizzes in class. The quizzes will test the knowledge from the organisers plus knowledge learnt in class that week.

You should be using your notes to self test yourself on the knowledge you have studied in your organiser.

You can do this in a number of different ways, here are a few suggestions:

- Read through the organiser
- Teach someone the knowledge in the organiser to see if you understand it
- Write the keywords in your book then cover your KO and see if you can write out the definitions.
- Use the 'Look, Cover, Write, Check and Correct' technique.
- Make up questions from your organiser and answer them later.
- Create a mind map or revision clock and test yourself.
- Read out loud the knowledge organiser into a microphone and listen back to the recording





English -Grammar

Key Vocabulary	<u>Definition</u>
Adjective	Used before a noun to make the noun's meaning more specific e.g. tall, blue
Noun	A person, place or thing e.g. cat, man, Mr Morel, England
Pronoun	Word that takes the place of a noun e.g. it, he, she
Possessive pronoun	Words that demonstrate ownership e.g. His, her, their
Verb	A doing or being word e.g. jump, run, am, was
Adverb	These modifying the verb e.g. quickly, happily
Adverbial	Linking ideas across paragraphs using adverbials of time [e.g. later], place [e.g. nearby] and number [e.g. secondly] or tense choices [e.g. he had seen her before]
Fronted adverbials	Words or phrases at the beginning of a sentence, used to describe the action that follows e.g. Later that day, I heard the bad news
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Fronted adverbials	Words or phrases at the beginning of a sentence, used to describe the action that follows e.g. Later that day, I heard the bad news



English – Punctuation

Key Vocabulary	Definition	Key Vocabulary	Definition	Key Vocabulary	Definition
Capital letter	Used as an initial letter of a proper noun or the first word of a sentence $ABCD$	Exclamation mark	Used to exclaim strong feelings or high volume	Apostrophe	To show ownership or to indicate the omission of a letter to contract
Full stop	Used at the end of a sentence	Brackets	A word or phrase inserted as an explanation		
Comma	Indicating a pause between parts of a sentence or separating items in a list.	Ellipsis	Indicates an intentional omission of a word or sentence		
Question mark	Used at the end of a question	Inverted commas	Used around the spoken words.		





Perplexing	Bewildered	Examined
Heightened	Emerged	Scanned

English 1 Fiction – Threat Narrative



Grammar: Word

Build on previous year & focus on:

Formation of nouns using a range of prefixes e.g. auto- superanti-

Grammar: Sentence

Build on previous year & focus on:

Expressing time, place and cause using conjunctions e.g. (when, before, after, while, so, because, if, although)

Grammar: Text

Build on previous year & focus on:

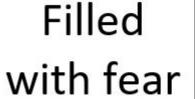
Present perfect form of verbs

Grammar: Punctuation

Reinforce from Year 2:

Use of capital letters, full stops, question marks and exclamation marks to demarcate sentences

Apostrophes to mark where letters are missing in spelling and to mark singular possession in nouns



Angry river

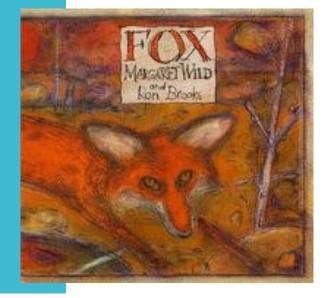
Blacker than black





quadrupled	reputation	accused	inquisitive
culprit	predators	iridescent	curious

English 2 Non-fiction — Information





Persuasion: Foxes Purpose: To inform

Grammar: Word

Build on previous units & focus on:

Formation of nouns using a range of prefixes e.g. auto- super- anti- (unand re-)

Grammar: Sentence

Build on previous units & focus on:

Expressing time, place and cause using conjunctions e.g. (when, before, after, while, so, because, if, although)

Expressing time, place and cause using prepositions e.g. (before, after, during, in, because of)

Grammar: Text

Build on previous units & focus on:

Present perfect form of verbs

Introduction to paragraphs as a way to group related material

Grammar: Punctuation

Reinforce from Year 2:

Use of capital letters, full stops, question marks and exclamation marks to demarcate sentences

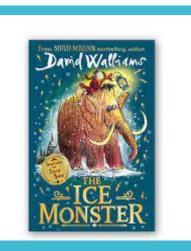
Commas to separate items in a list

Apostrophes to mark where letters are missing in spelling and to mark singular possession in nouns

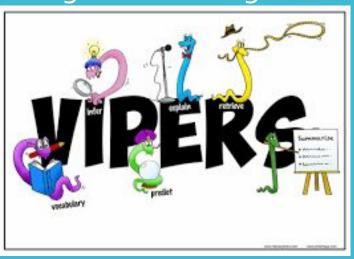
Terminology for Pupils

Preposition, conjunction, word family, prefix, clause, subordinate clause, direct speech, consonant, consonant letter vowel, vowel letter, inverted commas





English – Reading



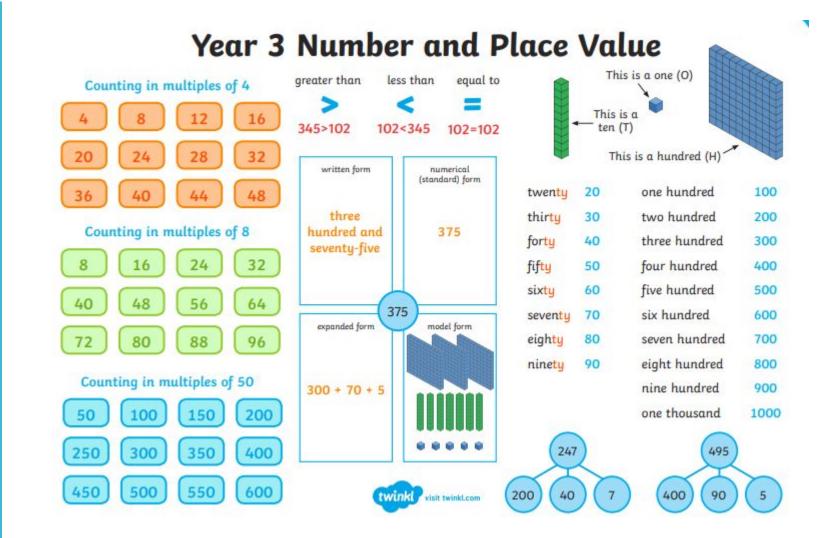
Key Vocabulary Definitions			
Vocabulary	Give/ explain the meaning of words in context	Inference	Make inference from the text/explain and justify using evidence from the text
Retrieval	Retrieve and record key information/key details	Explain	Explain how information is related and what meaning it has within the text
Prediction	Predict what might happen from the details stated and implied	Summarise	Summarise main ideas from more than one paragraph

Recommended Reading List Year 3			
Author	Title	Author	Title
E.B. White	Charlotte's Web	Lewis Carroll	Alice's Adventures in Wonderland
Lucy M. Boston	The Children of Green Knowe	Betsy Byars	The Midnight Fox
Edith Nesbit	The Railway Children	Philip Putman	The Firework Maker's Daughter
Edith Nesbit	Five Children and It	Eoin Culfer	The Len



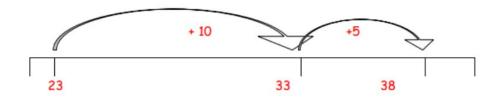


Maths — Number and Place Value

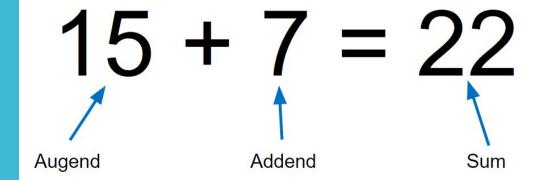




Addition



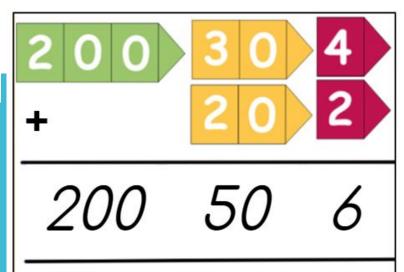
Partitioning the addend into tens and ones and then add each value separately.



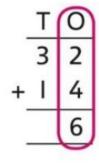
Maths – Addition







Maths – Addition



Beginning to use the formal written column method without **exchanging**.

Ensuring the place value columns are lined up.

Starting with the 'Ones' column and then moving on to the 'Tens'.

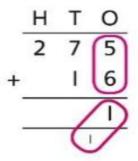


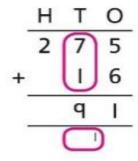
$$32 + 14 =$$
 $2 + 4 = 6$
 $30 + 10 = 40$
 $40 + 6 = 46$





Maths – Addition







275 + 16 = 5 + 6 = 11 Exchange 10 ones for 1 ten. 70 + 10 + 10 = 90 200 + 0 = 200

Continuing the use of the formal written column method and beginning to exchange.



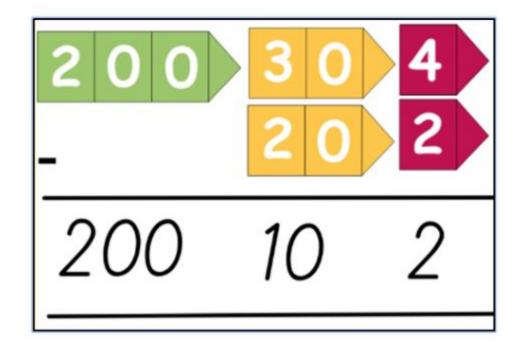


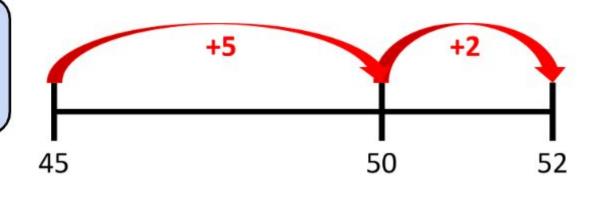
Subtraction

Maths – Subtraction

"The <u>difference</u> <u>between</u> 45 and 52 is 7. 52 - 7 = 45"











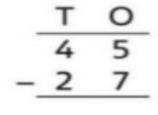
Maths – Subtraction

Column Method

no exchange

Column Method

exchange)





Multiplication

$$\begin{array}{c|c} 1 & 5 & \text{Multiplicand} \\ \hline x & 7 & \text{Multiplier} \\ \hline 1 & 0 & 5 & \text{Product} \\ \end{array}$$

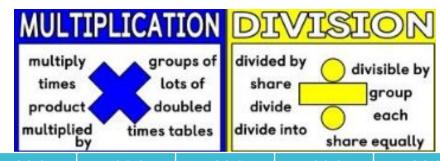
Maths —
Multiplication and
Division

Division

$$154 \div 7 = 22$$

$$\uparrow$$
Dividend Divisor Quotient





Multiples of 3	Multiples of 4	Multiples of 8	Multiples of 100	Multiples of 50
0	0	0	0	0
3	4	8	100	50
6	8	16	200	100
9	12	24	300	150
12	16	32	400	200
15	20	40	500	250
18	24	48	600	300
21	28	56	700	350
24	32	64	800	400
27	36	72	900	450
30	40	80	1000	500
33	44	88	1100	550
36	48	96	1200	600



CE



Prehistoric time

Foundation Subject – The Stone Age





Key Word	Definition
Prehistory	Pre means before. This period is during a time before written records began.
BCE	Before Common Era. The time we are focusing on.
CE	Common Era
Roamed	The people roamed (moved around) from place to place because they needed to find food and shelter during the different seasons.
Hunter- gatherers	The people were called hunter-gathers because they hunted other animals and they gathered fruits and plants.
Cave art	Art has been found in many caves that showed how the hunter gatherers lived. We will focus on the Chauvet Cave paintings and the Lascaux Cave paintings.
Natural assets and threats	The natural things that helped the people survive and teh natural things that made it difficult for the people to survive.





Foundation Subject – The Stone Age

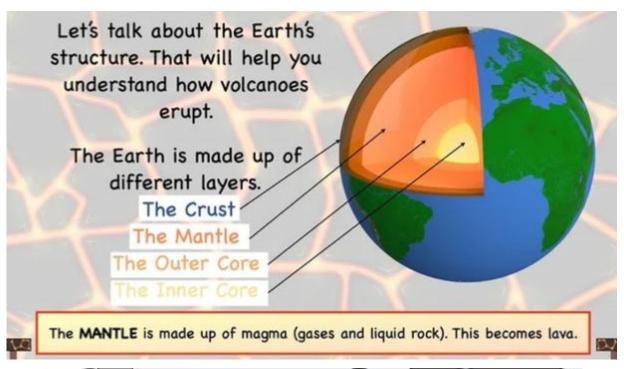


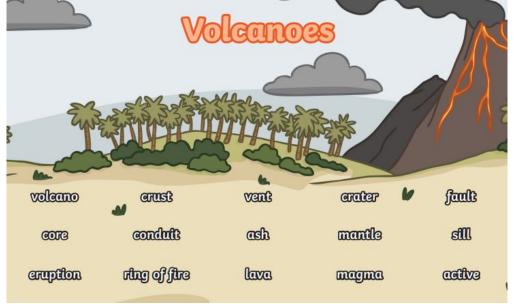
Composite volcanoes are also known as Strato volcanoes. These volcanoes can grow very tall.

Composite volcanoes are made of lots of layers of hardened lava.

The lava that flows from these volcanoes cools and hardens before spreading too far. This means the layers build up on top of each other, making the volcano higher.

Composite volcanoes are the most common type of volcano.









Science – Skeletons

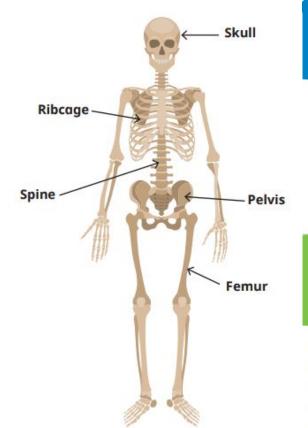
Key Word	Definition
Skeleton	- A collection of bones , skull, ribcage, pelvis, spine and femur.
Exoskeleton	A form of skeleton outside of an animals body that provides support and protection.
Spine	A group of small bones stacked on top of each other In the back, also known as the backbone.
Antennae	The organ on an insects head that it uses to touch and smell.
Reptile	A cold blooded animal with a spine and dry scales.
Mammal	A warm blooded animal with a spine and hair or fur.
Bird	An animal with a spine, feathers, wing and a beak.
Fish	Animals that live in water with fins, gills and scales.
Amphibian	A cold blooded animal with a spine that lives on land and in water.







Science – Skeletons



Mammals

Mammals are warm-blooded. Mammals' young drink their

Mammals' young drink their mother's milk.

Humans are mammals. Mammals have hair or fur.

Mammals give birth to live young.



Reptiles are cold-blooded.
Reptiles have scales not fur.
Reptiles have ear
holes, not ears.

Reptiles have dry skin.



Amphibians

Amphibians are cold-blooded.

Amphibians live on land and in the water.

Amphibians lay eggs.

Amphibians have moist skin.

Amphibians have webbed feet.

Fish

Fish are cold-blooded.

Fish live in water.

Fish have fins not Legs.

Fish have gills instead of lungs, to breathe under water.

Fish lay their eggs in water.

National curriculum links

- Identify that humans and some other animals have skeletons and muscles for support, protection and movement.
- Working scientifically Talk about criteria for grouping, sorting and classifying (non-statutory).

Factual knowledge

- Bones have specific functions.
- The skull protects the brain.
- The femur helps humans to stand and move.
- The pelvis helps to support the spine.
- The spine helps humans to twist and be held upright.
- The ribcage protects the heart and lungs.

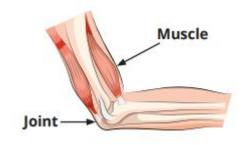


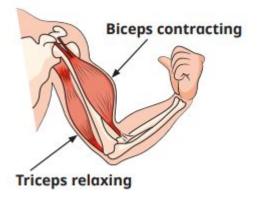




Science – Movement

Key Word	Definition
Joints	A point where two or more bones meet.
Hinge joint	A joint that only allows bending and straightening
Ball and socket joint	A joint with a round head of bone that fits inside the cup of another bone to allow movement in all directions
Skeleton	A framework of bones
Muscle	Works with joints and bones to allow movement
Bicep and tricep –	Muscles in the upper arm.
Contracting	A tightening and shortening motion









Science – Balanced diet

Key Word	Definition		
carbohydrate	food such as bread, cereals, pasta and rice		
protein	food such as eggs, beans, fish and meat		
dairy product	food made from the milk of an animal		
fat	food such as avocados, oil, butter, fried food and nuts		
sugar	a substance used to make food and drinks sweet		
balanced diet	a diet that fulfills a person's nutritional needs		
nutrition	taking in and using food to keep the body healthy		









Science – Balanced diet

Factual knowledge

- Animals need the right type and amount of nutrition. They cannot make their own food, instead they get their nutrition from what the eat.
- Some animals are carnivores they eat other animals.
- Some animals are herbivores they only eat plants.
- Some animals are omnivores they eat plants and other animals.

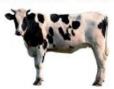


diet - the food a living thing needs





• herbivore - an animal that eats plants



carnivore - an animal that eats other animals



omnivore – an animal that eats other animals and plants



National curriculum links

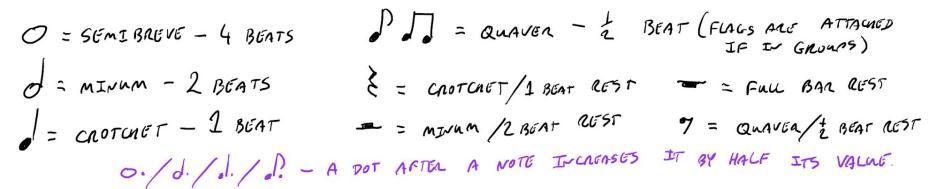
- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.
- Working scientifically Identifying differences, similarities or changes related to simple scientific ideas and processes.

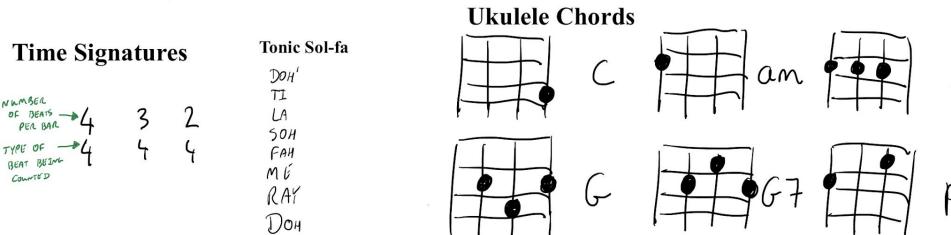




Music

Notation B C D E F CLUE BAGS CLUE CLU

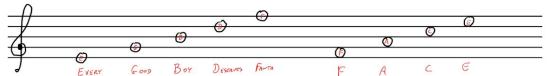


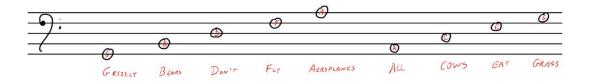




Mnemonics

Key Terms





Composer - A person who writes music

Tempo - The speed of the music

Dynamics - The volume of the music

ff - Fortissimo - Very loud

f - Forte - Loud

mf - Mezzo forte - Medium loud

mp - Mezzo piano - Medium soft

p - Piano - Soft

pp - Pianissimo - Very soft

Orchestra - A large group of musicians who

play together

Conductor - The leader of the orchestra

Music



Instrument Families





Tempo – the speed of the music.

Allegro – Fast



Lento - Slow



Dynamics – the volume of the music.



Forte – Loud



Piano

Soft (Quiet)





Music



Ickle ockle blue bottle,

Fishes in the sea.

If you want a partner,

Please choose me!



Bounce high, bounce low.

Bounce the ball to Fido.



Icka backa soda cracker

Icka backa boo.

Icka backa soda cracker

Out goes you!

Instruments of the Orchestra

The instruments of the orchestra are sorted into 4 families: Brass Family, String Family, Percussion Family and Woodwind Family.











PE

Pupils in Y3 will be exposed to a range of different activities where they will be able to acquire their fundamental movement skills. Here are some of the ways in which the pupils will be experiencing this:





Gymnastic and Dance

Pupils will be learning how to do a range of rolls safely. Learn sequences in unison and practice a range of dynamics.



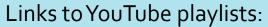
Athletics

Pupils will have the opportunity to work on their agility, balance and coordination. This will be experienced through a range of different fun activities within athletics.



Ball Skills/Games

Pupils will have the opportunity to experience team games as well as acquiring and trialing the different skills involved with ball skills in a range of sports like football, basketball and benchball.



Joe Wicks -

https://youtube.com/playlist?list=PLyCLoPd4VxBuS4UeyHMccVAjpWaNbGomt

Cosmic Yoga-

https://youtube.com/playlist?list=PL8snGkhBF7njoXY4D Qbm2o3LNMQvbnPyw

Debbie Doo-

https://youtube.com/playlist?list=PL7G9h8-DwaBjmDcJ q85EJFzBqsY4TWNT8



Here are some links to help keep your child active at home.



Spanish



Spanish Knowledge organiser for Year 3 Term 1 Autumn1 Key vocabulary Números del 1-100 - Numbers Saludos - Greetings Normas de Clase - Class rutines Hello Hola Adios Good bye Silencio Silence Escuchad Buenos dias Good morning Listen Good afternoon Stand up Buenas tardes Levantaos Good night Buenas noches Sentaos Sit down Thank you Mirad la pizarra Gracias ook at the board Please Levantad la mano Put your hads up Por favor Abrid los libros ¿Cómo te llamas? What is your name? Open your books Me Ilamo (Anna) My name is (Anna) Cerrad los libros Close your books **Colores - Colours** ¿Cómo estás? How are you? Estoy bien Blue I'm good azul Estoy así así Rojo Red m so so La familia-Family Pink Estoy regular 'm so so Rosa I'm bad Amarillo Yellow Padre Father Estoy mal Encantado de conocerte Nice to meet you Verde Green Madre Mother Hasta luego See you later Naranja Orange Hermano Brother ¿Dónde vives? Morado Purple Sister Where do lo live? Hermana Baby Hive in Blanco White Bebé Yo vivo en Where are you from? Black Abuelo Grandfather ¿De dónde eres? Negro I am from Marrón/Café Abuela Grandmother Yo soy de Brown How old are you? ¿Cuántos años tienes? Tío Uncle Gris Grey Tía Aunt Mi estuche-My pencil case Cousin (male) Primo Lápiz Pencil Colores Colours Prima Cousin (female) Sharpener Goma Eraser Hijo Sacapuntas Son Regla Ruler Glue Hija Pegamento Daughter Sobrino Scisors Pencil case Nephew Tijeras Estuche Sobrina Niece **Profesiones-Professions** Cuñado Brother in law Policía Police Waiter Cuñada Sister in law Camarero Bombero Firefighter Maestro Teacher In addition to this topics we will be concentrating on Médico Piloto Pilot Doctor spellings. Enfermera Nurse Carpintero Carpenter

Spanish

Spanish Knowledge organiser for Year 3 Term 1 Autumn2 Key vocabulary								
Mesa table		del año y las Estaciones del		0	Cero	15	Quince	
Silla	Chair	a	iño	1	Uno	16	Dieciséis	
Puerta	Door	Lunes	Monady	2	Dos	17	Diecisiente	
Ventana	Window	Martes	Tuesday	3	Tres	18	Dieciocho	
Basura	Trashin	Miércoles	Wednesday	4	Cuatro	19	Diecinueve	
Muebles	Furniture	Jueves	Thursday	5	Cinco	20	Veinte	
Pantalla Interactiva	Interactive White Boar	Viernes	Friday	6	Seis	21-29	Veinti(1-9)	
Pizarra	White board	Sábado	Saturday	7	Siete	30	Treinta	
Ordenador	Computer	Domingo	Sunday	8	Ocho	40	Cuarenta	
Reloj	Clock	Enero	January	9	Nueve	50	Cincuenta	
**Transporte - transport		Febrero	February	10	diez	60	Sesenta	
Coche	Car	Marzo	March	11	Once	70	Setenta	
Tren	Train	Abril	April	12	Doce	80	Ochenta	
Avión	Plain	Mayo	May	13	Trece	90	Noventa	
Barco	Boat	Junio	June	14	Catorce	100	Cien	
Autobús	Bus	Julio	July	1	1	200	Doscientos	
Globo	Hot air balloon	Agosto	August	*Num	ber 20 is VEIN	TE numbe	rs from 21-20 is VEINTI	
Motocicleta/moto Moto bike		Septiembre	September	then straigh away we wirte nubmers 1-9 i.e.				
Bicicleta/bici	Bike	Octubre	October	24 = veinticuatro 29 = veintinueve				
camión	Track	Noviembre	November	26 = veintiseis				
Ambulancia	Ambulance	Diciembre	December	Numbers from 31-99 we will write the Tens number				
Tanvia	Trolley car	Primavera	Spring	first then y and then the Units e.g.				
Helicóptero	Helicopter	Verano	Summer	38 = Treinta y ocho 42 = Cuarenta y dos				
Cohete	Rocket	Otoño	Autumn	51 = Ci	ncuenta y uno	etc.	••	
		Invierno	Winter	100 is CIEN but numbers between 101 and 199 will be				
Fonética ca/co/cu The sound in English would be:			Yesterday	called	called CIENTO. i.e: 135= Ciento treinta y cinco			
		Ayer	· · · · · · · · · · · · · · · · · · ·	102 = (102 = Ciento dos 167 = Ciento sesenta y			
Ka/Ko/Ku		Hoy	Today	site 199= Ciento noventa y nueve				
gue / gui / ge / gi Please click the link for		Mañana 	Tomorrow	**				
demostration (minutes between 1.17 and			- Shapes	**In addition to this topic "Transporte", "Números				
2.55) https://youtu.be/1xbVpPOUkCl		Círculo	Circle	del 1 - 200" and "Dias de la semana, meses del año y				
ga / go / gu Please click the link for		Triángulo	Triangle	estaciones del año" we will be concentrating on				
demostration https://youtu.be/66QpUz18Ewk ja / je / ji / jo / ju Plese click the link for		Cuadrado	Square	*** In addition to this topic "Mi clase" we will be				
demostration https://youtu.be/R50shgQ2zy8		Rectángulo	Rectangle	looking at gender/singular/plural. Please note that				
		óvalo	Oval	all the words in Spanish can be either male or female				
Compared Compared		Estrella	Star		and so singular and plural. See below the rules:			
		Corazón	Heart	Plural: All words ending in vowel you will need to				
		Pentágono	Pentagon	add "S" i.e: libro = libros. If the word ends in				
		Hexágono	Hexagon	consonant then "ES" will be added at the end, e.g:				
		Octogono	Octagon	Color = Colores. If a word ends in "Z", this will be				
		Rombo	Rhombus	replaced with a "C" then add "ES" = "CES" e.g. lápiz =				
		Diamante	Diamond		lápi <mark>ces.</mark> Male words will normaly end in <mark>o</mark> and Female words			
	20			Male	words will no	maly end	in o and Female words	



Knowledge Organiser PE Term 1 KS2

Health and Fitness



Eat 5 portions of frui and vegetables everyday





Ways to keep active at home: (Youtube)

-Just Dance

-Joe Wicks

-Go Noodle

-Change4Life activities (website)

What is Health & Fitness?

A healthy active lifestyle involves contributing positively to your physical, mental and social well being. This includes regular exercise and physical activity. Within PE, you will learn about different types of exercise we can do to maintain a healthy lifestyle.

Why is it important to learn about health and fitness?

A lot of factors play a role in staying healthy. Participating in physical activity regularly can lead to good health which can help to prevent injury. It can also decrease your risk of developing some diseases. Maintaining a healthy and active lifestyle can greatly impact your life and make you happier!

Key Words:

Health, fitness, sport, nutrition, heart rate, stamina, strength, heart rate, aerobic, power, balance, flexibility, exercise, skill related fitness, health related fitness.



Quiz – Kahoot	https://kahoot.it/
Century – All areas of learning	https://www.century.tech/
Maths – TTRS Times Tables Rock Stars	https://ttrockstars.com/

Resources

