Home Learning Booklet



Knowledge Goals Year 9 Half Term 2

How to self-test

Mind mapping

- Mind mapping is simply a diagram to visually represent or outline information.
- Use information gathered from your knowledge goals booklet to create mind maps, make sure to use colour and images, keep writing to the bare minimum.

How to mind map:



Information for parents on knowledge retrieval



Flash cards

Use your knowledge goals booklet to make flash cards. Write the questions on one side and on the other record the answer. Test yourself or work with a friend to make sure you know all the key information for each topic.

How to mind map:



How should students use the Knowledge Goals booklets?

Your Knowledge Goals booklet provide the essential knowledge that you need to learn in each subject this half term. You are **expected to spend 30 minutes per subject per week 'learning' the content**. You will be assessed during lessons using 'low stake' quizzing. Your teacher may choose to **set you additional homework.**

How can parents support?

- Read through the organiser with your child if you don't understand the content then ask them to explain it to you 'teaching' you helps them to
 reinforce their learning.
- Test them regularly on the spellings of key words until they are perfect. Get them to make a glossary (list) of key words with definitions or a list of formulae.
- Read sections out to them, missing out key words or phrases that they must fill in. Miss out more and more until they are word perfect.

Subject Index

Suggested Homework Schedule (1 hour of independent study per night).

To help you get organized, we have planned out your weekly home learning to cover all subjects. You may choose to create your own version:

Week A

Day	Subject 1 (20mins)	Subject 2 (20mins)	Subject 3 (20mins)
Monday	Art	English Language	Physics
Tuesday	Biology	Technology	Maths
Wednesday	Chemistry	Spanish	Music
Thursday	Computer Science	Geography	RS
Friday	Design Technology	History	PE

Week B

Day	Subject 1 (20mins)	Subject 2 (20mins)	Subject 3 (20mins)
Monday	Drama	Personal Development	Teir 2 Vocab
Tuesday	Maths	English	Physics
Wednesday	Chemistry	English	Music
Thursday	Teir 2 Vocab	Maths	Biology
Friday			

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Subject

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Literacy Tier 2 Vocabulary

These words are all 'tier 2' words; in other words, they are seen as 'academic vocabulary' and if you know them, can understand them and use them, you will do better in your exams and be able to communicate more precisely and effectively in life.

#	Key word	Definition
1	Significant	
2	Regional	
3	Analogy	
4	Implication	
5	Enquiry	
6	Pressure	
7	Adjacent	
8	Enhance	
9	Formal	
10	Impact	

Literacy Tier 2 Frayer Model

examples



Have a go at creating a Frayer Model for each of the 6 tier 2 words from this term (blank templates are at the back of the booklet for you to complete this activity).

Formal elements of Art

The Visual Elements of line, shape, tone, colour, pattern, texture and form are the building blocks of composition in art. When we analyse any drawing, painting, sculpture or design, we examine these different parts to see how they combine to create the overall effect of the artwork

<u>Line</u>

Line is the beginning of all drawing. Line in an artwork can be used in many different ways. It can be used to create shape, pattern, form, structure, growth, depth, distance, rhythm, movement and a range of emotions.

<u>Shape</u>

Shape can be shown in a number of ways. Sometimes we can recognise the shapes, at other times, they can look like something we haven't seen before. This could be called 'abstract'.

<u>Tone</u>

Tone is the lightness or darkness of a colour. Tone can be changed by using white or black to make a colour lighter or darker.

<u>Colour</u>

Colour is the visual element that has the strongest effect on our emotions. We use colour to create the mood or atmosphere. For example, artwork that uses mainly reds and oranges, might make you feel angry.

Pattern

Pattern is made by repeating parts of the work. There are two basic types of pattern in art: Natural Pattern and Man-Made Pattern. The patterns could be made by repeating something in a certain way or completely random.

<u>Texture</u>

Texture is the surface effect used in art - the roughness or smoothness of the materials used to make the art.

Space

Space is an element of art by which positive and negative areas are defined or a sense of depth achieved in a work of art .

How to Analyze Art

1.What Do You See in Terms of the Visual Elements?

2. What Are the Main Focal Points and Any Other Key Features?

3.What Path Do Your Eyes Take Around the Painting?

4. How Is Everything Connected?

5.What Is the Dominant Colour Harmony?

6.ls There a Strong Structure.

Shape <i>l</i> Form	Tone	Pattern / Texture	Colour	Line
Closed Open Distorted Flat Organic Deep Positive Negative Foreground Background Composition Elongated Compressed Large Small 2D / 3D Blurred Movement Perspective	Bright Dull Light Dark Faded Smooth Harsh Contrasting Intense Sombre Strong Powerful Dramatic	Repeated Uniform Geometric Organic Random Symmetrical Irregular Bold Bumpy Rough Smooth Broken Fine Bold Flat Grid	Bright Bold Primary Secondary Cold Warm Radiant Dull Vivid Contrastin g Compleme ntary Monochro me Harmonio us Natural Saturated Luminous Opaque Transluce nt Transpare	Fluent Free Controlled Expressio nistic Strong Angular Delicate Flowing Simple Thick Thin Horizontal Vertical Broken Overlappi ng Faint

Knowledge Goals: Art

Half Term 2: Tier 3 Vocabulary

#	Key word	Definition	
1	Chroma/Chromacity	Chroma is the purity of a colour. A colour with high chroma has no neutral colours — white, black, or grey — added to it, and appears more vivid or pure. Adding one of those neutrals to a colour reduces its chroma and the colour then seems less vivid or pure.	Notes:
2	Saturation	How a hue looks under certain lighting. For example, a room with a yellow wall will look different throughout the day. In the morning it might look like a light yellow, while in the evening it might look gold, and at night it might look like a darker yellow or even gray.	
3	Value	Value is how light or dark a colour is. Lighter colours have higher values — such as yellow having a higher value than a dark green. Black has the lowest value of any hue, and white the highest. This contributes to why the two colours are seen as direct opposites.	
4	Intensity	Intensity is the brightness/strength or weakness/dullness of a pigment. The stronger, or brighter a colour is, the more pigment is present in the paint. The weaker or duller a paint colour is, there's less pigment present. This factors into nearly all art mediums and supplies.	
5	Tones	Tones are created when gray is added to a hue. This makes the hue look softer or duller than before.	
6	Shade of colour	A shade is a colour created when black is added to a hue, making it a darker version of the base colour.	
7	Tint	A tint is a colour created when white is added to a hue, making it a lighter version of the base colour.	

Knowledge Goals: Biology – Cell processes

	Stages of mitosis		Cell transport		
Mitosis Parent co	Number of sub-cellular structures (erribosomes and mitochondria) increa	e.g. Ise.	Diffusion	Spreading out of the particles (gas/ solution) resulting in	Oxygen and carbon dioxide in gas exchange (leaves and
	Number of chromosomes double.			of higher concentration to an	alveoli).
1	One set of chromosomes is pulled to	o each end of the cell.		area of lower concentration.	Urea from cells into the blood
DNA replica	The nucleus divides.				kidney.
	Cytoplasm and cell membranes divi	de to form two identical cells	Osmosis	The movement of water from	Movement of water into and
	Stem cell	antages of Disadvantages of stem cell use		a dilute solution to a concentrated solution through a partially permeable membrane.	out of cells.
	bughter cells	eases such iabetes, stem cells from an entia and embryo.	Active transport	The movement of substances from a more dilute solution to a more concentrated solution (against a concentration gradient). Requires energy from respiration.	Absorption of mineral ions (low concentration) from soil into plant roots. Absorption of sugar molecules from lower concentrations in
Stem cell	Properties	Uses			the blood which has a higher
Embryonic stem cell	Can divide into most types of cell.	Therapeutic cloning – embryonic stem cells produced with same genes as patient. No rejection.		OSMOSIS	sugar concentration.
Adult stem cell	Can divide into a limited number of cells e.g. bone marrow stem cells can form various blood cells.				\Rightarrow
Meristem	Found in plants. Can differentiate (divide) into any type of plant cell.	Clone rare species to prevent extinction. Crops with special fe atures can be clones		SOLUTION PURE WATER Semipermeable	high low

membrane

Knowledge Goals: Biology – Cell processes

#Key wordDefinition1diffusionSpreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentration			Half Term 2: Tier 3 Vocabulary	Notes:
1diffusionSpreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentrationImage: Spreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentrationImage: Spreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentrationImage: Spreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentrationImage: Spreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentrated solution thore a partially permeable membrane.Image: Spreading out of the particles (gas/ solution to a concentrated solution (against a concentration gradient). Requires energy from respirationImage: Spreading out of the particles (gas/ solution to a more concentrated solution (against a concentration gradient). Requires energy from respirationImage: Spreading out of the particles (gas/ solutes than another solution4isotonicA solution that has the same concentration of solutes than another solutionImage: Spreading out of solutes than another solution5hypertonicA solution that has a lower concentration of solutes than another solutionImage: Spreading out of solutes than another solution6hypotonicA type of cell division in which body cell copies itself and divides into two identical daughter cellsImage: Spreading out	#	Key word	Definition	
2osmosisThe movement of water from a dilute solution to a concentrated solution through a partially permeable membrane.3active transportThe movement of substances from a more dilute solution to a more concentrated solution (against a concentration gradient). Requires energy from respiration	1	diffusion	Spreading out of the particles (gas/ solution) resulting in a net movement from an area of higher concentration to an area of lower concentration	
 3 active transport 4 isotonic 5 hypertonic 6 hypotonic 7 mitosis A type of cell division in which body cell copies itself and divides into two identical daughter cells 	2	osmosis	The movement of water from a dilute solution to a concentrated solution through a partially permeable membrane.	
 4 isotonic A solution that has the same concentration of solutes than another solution 5 hypertonic A solution that has a higher concentration of solutes than another solution 6 hypotonic A solution that has a lower concentration of solutes than another solution 7 mitosis A type of cell division in which body cell copies itself and divides into two identical daughter cells 	3	active transport	The movement of substances from a more dilute solution to a more concentrated solution (against a concentration gradient). Requires energy from respiration	
 5 hypertonic A solution that has a higher concentration of solutes than another solution 6 hypotonic A solution that has a lower concentration of solutes than another solution 7 mitosis A type of cell division in which body cell copies itself and divides into two identical daughter cells 	4	isotonic	A solution that has the same concentration of solutes than another solution	
 6 hypotonic A solution that has a lower concentration of solutes than another solution 7 mitosis A type of cell division in which body cell copies itself and divides into two identical daughter cells 	5	hypertonic	A solution that has a higher concentration of solutes than another solution	
7 mitosis A type of cell division in which body cell copies itself and divides	6	hypotonic	A solution that has a lower concentration of solutes than another solution	
	7	mitosis	A type of cell division in which body cell copies itself and divides into two identical daughter cells	

Knowledge Goals: Chemistry – Periodic table

Metals and non-metals

Metals are found on the left of the periodic table. Metals are strong, malleable, good conductors of heat and electricity.

Non-metals are found on the right of the table. Non-metals are dull, brittle and can be solid, liquid or gas at room temperature.

Group 1 – Alkali metals

The alkali metals are very soft, low-density metals with low melting points. They all have one electron in their outer shell making them very reactive. The alkali metals get more reactive going down the group because the outer electron become easier to lose. This is because the atoms are bigger, so the outer electron is further away from the nucleus. There are also more electron shells 'shielding' the outer electron from the nucleus. This results in weaker electrostatic forces of attraction between the nucleus and the outer electrons.

Group 1 metals react with water: alkali metal + water --> metal hydroxide + hydrogen

Lithium + water \rightarrow lithium hydroxide + hydrogen 2Li_(s) + 2H₂O_(l) \rightarrow 2LiOH_(aq) + H_{2(g)}

Group	Period 🗁	Developm			
3. The Periodic Table of Elements 1 2	3 4 5 6 7 0	John Dal (1808)			
Key H 1 Be Indext We storm cm ass stormic symbol asomic (pioton) number Indext We storm cm ass stormic symbol asomic (pioton) number 23 24 Ma Mg Indext We storm cm ass stormic (pioton) number Indext We storm cm ass storm cymbol asomic (pioton) number Indext We storm cm ass storm cymbol research Indext We storm cm ass research Indext We storm cm and research Indext We storm cm ass research Indext We storm research Indext We storm cm ass research Indext We storm cm ass research Indext We storm research Indext We storm Indext We storm research	He He 11 12 14 10 19 10 11 12 14 10 19 10 11 12 14 10 19 10 11 12 14 10 19 10 11 12 14 10 19 10 11 12 14 10 19 10 11 13 14 15 10 14 16 13 13 14 15 10 14 16 17 10 13 12 15 10 14 15 10 14 16 17 10 14 12 17 10 14 17 10 10 14 12 117 10 14 17 10 14 14 17 10 14 17 10 14 14 15 15 11 14	John Newland (1864) Dimitri Mendelee (1869)			
Group 7 – The Halogens The halogens are non- netals. They exist as Hiatomic molecules (e.g.					
F ₂). Going down the group, their melting and boiling boints increase. They become less reactive going down the group because it is harder to attract an electron nto the outer shell. They react with group 1 metals to form metal salts.	outer shell of electrons. They are monoatomic and their boiling points increase going down the group as the atoms get heavier. They are all colourless gases are room temperature.	 Transition Transition groups 2 They are are used Transitio melting p They for different 			

Development of the periodic table			
John Dalton (1808)	Put the elements in order of atomic weight.		
John Newlands (1864)	Ordered elements by atomic mass but noticed a repeating pattern of properties every 8th element. He ordered the elements according to these similarities and called this the 'law of octaves'. Not all elements fit this pattern.		
Dimitri Mendeleev (1869)Arranged elements in order of atom weight and so that elements with similar properties were in the same column (group). He left gaps when an element did r fit the pattern which allowed space elements that hadn't yet been discovered. He was able to predict the properties of undiscovered elements.			
 Transition metals Transition metals are the block of elements between groups 2 and 3. They are all strong, shiny, good conductors, and they are used as catalysts. 			

- Transition metals are harder, denser and have higher melting points than group 1 metals.
- They form coloured compounds and form ions with different oxidation states, e.g. Cu²⁺ and Cu³⁺.

Knowledge Goals: Chemistry – Periodic table

		Notes:	
#	Key word	Definition	
1	period	A row of chemical elements on the periodic table	
2	group	A column of chemical elements on the periodic table	
3	halogens	Elements in Group 7 of the periodic table	
4	alkali metals	Metals in Group 1 of the periodic table	
5	transition element	An element from the central block of the periodic table	
6	shell	An area around the nucleus of an atom where electrons are found	
7	shielding effect	How electrons closer to the nucleus "shield" the electrons further away from the positive charge of the nucleus	
8	nucleus	The small dense region at the centre of the atom made from protons and neutrons	
9	atomic number	The number of protons in the nucleus of an atom	

Knowledge Goals: Computer Science – Python 101

Operator	Name	Operator	Name
==	equal to	<	less than
! =	not equal to	>=	greater or equal to
>	greater than	<=	less or equal to

Mathematical Operators

Operator	Name	Example	Answer
*	multiply	2*3	6
/	divide (normal)	20/8	2.5
11	divide (integer)	20//8	2
÷	modulus (remainder)	20%8	4
+	add	2+3	5
-	subtract	7-3	4
* *	exponent (raise to)	4**2	16

Variables

Variables are assigned using the = operator. x=3 name="Bob"

A variable is declared the first time a value is assigned. It assumes the data type of the value it is given. Iteration - Count Controlled for i=0 to 7 print("Hello") next i Will print hello 8 times (0-7 inclusive).

Iteration – Condition Controlled

while answer!="computer" answer=input("What is the password?") endwhile

Selection

Selection will be carried out with if/else

if entry=="a" then
 print("You selected A")
elseif entry=="b" then
 print("You selected B")
else
 print("Unrecognised selection"
endif

IDLE Colour Coding



Knowledge Goals: Computer Science – Python 101

		Half Term 1: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Count controlled	A loop which will run a predefined number of times. In Python this is a FOR loop.	
2	Condition controlled loop	A loop which will run until a certain condition has been met. In Python this is a WHILE loop.	
3	Comparison operator	An operator that performs Boolean logic on input data to result a result that is true or false. The operators include: $>$, $<$, $>=$, $<=$, $===$, and $!==$.	
4	Assignment	This is when a value is stored along side a variable or constant label.	
5	Translator	A program that translates high-level programming languages into machine code. Programs can either be interpreted or compiled.	
6	Interpreter	A translator which converts a high level language into machine code line by line.	
7	Syntax	Rules governing how to write statements in a programming language.	
8	Syntax error	Error in a program resulting from code not following syntax rules governing how to write statements in a programming language.	
9	Logic error	Error in a program which does not cause a program to crash but causes unexpected results.	
10	Debugging	The process of finding and correcting programming errors.	
11	Integrated development environment (IDE)	A suite of tools that helps a programmer to write error-free, maintainable code.	



Knowledge Goals: Drama Devising Drama

Devising Drama: creating your own performance work from a stimulus. It is the process of you creating something original and unique that may never have been done before.

How to respond to stimulus:

- What initial ideas does the stimulus give you?
- What key themes does it explore?
- What ideas for a plot/storyline does it give you?
- What ideas does it give you about context? Time period? Location?
- Does it give you any ideas for characters? Emotions? Feelings?
- Does it make you think of something personal? A memory?
- What is the purpose of the stimulus?

Stimulus: This is the starting point, or the source of your idea. It may come in different forms including a poem, a word, piece of music, an image, fairy-tale, newspaper article or movement/dance sequence.

Genre: the type of story being told by the playwright. Genre is important with Devising as it can often help generate more material and you can tailor performance work to a specific genre such as horror, comedy, western, romantic.

Improvisational Skills: where you react in the moment and produce work in response to another actor. This is an important rehearsal tool as it is a quick way to generate performance work or explore an initial idea, it also helps to create a structure to the scene and firm up what you want to get out of it, eg. Your characters main motives.

Evaluate: what did you do, what was the effect of it on the performance, what did it communicate to the audience?

Analyse: why did you do the scene in that way? What had you tried first? Why did/n't it work? What could you try next time instead?

Knowledge Goals: Drama

	Half Term 1: Tier 3 Vocabulary					
	Key word	Definition				
1	Genre	The type of story of the performance or playwright that is being told. Eg. Horror, mystery, scif-fy, western, historic.				
2	Devise	To produce your own work in relation to a stimulus. This is often unique and creative to you and your ideas.				
3	Stimulus	The source of your idea, the object, word, image or sound/movement that you base your ideas on.				
4	Evaluate	What were you trying to communicate to the audience? What was the meaning behind it?				
5	Analyse	How effective was it? What did you try? What could you do differently?				





Rehearsal Techniques:

- Role on the wall, where you label everything you know about a character both externally and internally. (Thoughts inside the drawing and what they show to the world outside of the outline).
- Conscience alley where the actor walks through an alley of ensemble who say their inner thoughts and feelings.
- Improvisation, making up work on the spot, responding to another actor in character, to create a scene
- Hot seating, where you are asked questions and you need to respond in character to give greater understanding and depth to their background.

Knowledge Goals: English Lang

TEXT SELECTION	CORE ASSESSM	ENT SKILLS AND WHAT STU	DENTS ARE AIMING TO BE	ABLE TO WRITE:	
 Of Mice and Men Stone Cold Curious Incident of the Dog in the Night The Midwitch Cuckoos Flowers For Algernon (Top Set) Out of Darkness Noughts and Crosses Across the Barricades Noughts and Crosses Animal Farm Lord of the Flies Heroes 	(WTL/S) Analyse (E) Use of evide (AQ) Analyse qu (ERA) Effect on At the start of Wife. In her in negative impresent clear Steinber behave on a ro here implies t the damage sh filling the air	e writer's techniques – lange ince to support points otation, exploring denotation the reader and atmosphere of the extract, Steinbect nitial dialogue, speaking ession of her as he desc ock intends for her to app anch where she is surrou hat she rebels against r he could cause; this is on as the reader questions	uage, sentence forms and s on and connotation e to George for the first ribes how <mark>she 'playfully'</mark> pear provocative and flin unded by lonely men – an ules, blurring boundaries aly a game to her. As a r whether she will play a	nteraction between Geo time, Steinbeck create behaves around the me rtatious, a somewhat da d her husband! The use s, but also that she does esult, there is an increa role in complications lat	rge and Curley's s a very n. Here, it is ngerous way to of this adverb sn't comprehend sing tension er in the play.
 Home Learning Tasks: 1) Complete 15 minutes of reading every night, using your AR book. 2) Complete the vocabulary acquisition quizzes, set on Teams every fortnight. 3) Using this knowledge organiser, learn and review the key ingredients of crafting effective narratives. 	Treasure Island by Robert Louis Stevenson A World of Difference: An Anthology of Short Stories from Five Continents (edited by Lynda Prescott). - Nineteen Eighty Four	History of the Russian Revolution by Leon Trotsky Child 44 by Tom Rob Smith The Wasp Factory by	Never Let Me Go by Kazuo Ishiguro The Curious Incident of the Dog in the Night- time by Mark Haddon. The Trail by Franz	A Ghost Arrives: A Novel by Abe Moss · Decoded by Mai Jja Ten Days that Shook the World by John Reed. Girl Missing by Sophie	Our Victorian Ancestors by Jan Bondeson The Haunting of Gillespie House by Darcy Coates Fahrenheit 451 by Ray
 4) Practise evaluating texts by finding examples of techniques being used effectively. 5) Read at least one text from the wider reading list! 	by George Orwell The Great Gatsby by F. Scott Fitzgerald.	lain Banks The Outsider by Colin Wilson	Kafka Battle Royale by Koushun Takami	McKenzie The Grapes of Wrath by John Steinbeck.	Bradbury Weird Hauntings: True Tales of Ghostly Places by Ryan Doan

Knowledge Goals: Food Technology



Knowledge Goals: Food Technology

		Half Term 1: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Cross- Contamination	When bacteria is unintentionally transferred from one food to another, with harmful effect such as cross-contamination between raw and cooked food	
2	Intolerances	A food intolerance is when you have difficulty digesting certain foods or ingredients in food. It's not usually serious, but eating the food you're intolerant to, can make you feel unwell.	
3	Environmental Health Officer	Environmental health officers make sure people's surroundings are safe, healthy and hygienic. They can enforce food safety legislation, issue improvement notices, and shut businesses down if they do not meet standards.	
4	Excess and deficiencies of nutrients	Excess: to consume too much of a specific nutrient Deficiency: to consumer too little of a specific nutrient	
5	Food allergies	A food allergy is when the body's immune system reacts unusually to specific foods. Although allergic reactions are often mild, they can be very serious.	
6	Food miles	The distance in which food has travelled from its origin to the plate 'from farm to fork'	

Knowledge Goals: French

Internet 7 Il est facile de (d') It Il est possible de (d') It Il est possible de (d') It rester en contact avec ses amis faire des recherches pour ses devoirs utiliser un dico en ligne partager des photos Il Il est dangereux de It partager ses détails personnels It	The internet t is easy to t is possible to stay in contact with your friends do research for your homework use an online dictionary share photos t is dangerous to share your personal details	La musique J'aime/Je n'aime pas le jazz/le rap le reggae/le rock la musique classique la musique pop J'écoute ma musique sur mon téléphone portable avec mes écouteurs sur mon ordi sur une tablette	Music I like/I don't like jazz/rap reggae/rock classical music pop music I listen to my music on my phone with my earphones on my computer on a tablet	Les émissions de télé J'aime/Je n'aime pas les documentaires (m) les jeux télévisés (m) les magazines culturels (m) les séries (f) les émissions de sport (f) les émissions de musique (f) les émissions de télé-réalité (f) les emissions de télé-réalité (f)	TV programmes I like/I don't like documentaries game shows magazine programmes series sports programmes music programmes reality TV programmes the news because they are/it is
passer trop de temps sur Internet tchatter en ligne avec des inconnus Il est important de faire du sport passer du temps avec sa famille retrouver ses amis en vrai	spend too much time on the internet chat to strangers online It is important to do some sport spend some time with your family meet up with your friends in real life	Je regarde des clips vidéo pour écouter ma musique. Mon chanteur préféré/Ma chanteuse préférée, c'est car j'aime ses paroles j'aime ses mélodies sa musique me donne envie de danser sa musique me donne envie	I watch music videos to listen to my music. My favourite singer is because I like his/her lyrics I like his/her tunes his/her music makes me want to dance his/her music makes me want	amusant(e)s divertissant(e)s intéressant(e)s passionnant(e)s éducatifs/-ives ennuyeux/-euses (trop) sérieux/-euses originaux/-ales	funny entertaining interesting exciting educational boring too serious original
La lecture J'apprécie beaucoup les Je préfère les J'adore les J'ai une passion pour les J'ai une passion pour les J'ai horreur des romans fantastiques romans policiers romans d'amour	Reading I really appreciate/like I prefer I love I m passionate about I don't like I hate fantasy novels detective novels romance novels	de chanter Une soirée entre amis Je suis allé(e) au cinéma. Je suis sorti(e) avec On est allé(e)s à un concert. On est allé(e)s à un concert. On est allé(e)s en ville. On a fait du patin à glace. J'ai pris beaucoup de photos.	to sing An evening with friends I went to the cinema. I went out with We went to a concert. We saw a film. We went into town. We went ice skating. I took lots of photos.	Mon émission préférée s'appelle C'est un jeu télévisé. C'est une série. J'aime bien l'animateur(-trice). Les acteurs sont très doués. Le scénario est passionnant. J'apprends beaucoup. Je ne rate jamais cette émission!	My favourite programme is called It's a game show. It's a drama series. I like the presenter. The actors are very talented. The plot is exciting. I learn a lot. I never miss this programme!
livres d'épouvante BD mangas J'aime les illustrations/l'humour. Je ne lis pas sur une tablette. Je préfère tenir un livre traditionnel dans mes mains. Je ne lis plus de livres traditionnels. Je lis beaucoup en ligne.	horror books comic books/graphic novels mangas I like the illustrations/humour. I don't read on a tablet. I prefer holding a traditional book in my hands. I no longer read traditional books. I read a lot online.	J'ai mis les photos sur Instagram. On est allé(e)s au restaurant. J'ai bu un coca. C'était génial/lamentable amusant/délicieux	l put the photos on Instagram. We went to a restaurant. I drank a cola. It was great/pathetic fun/funny/delicious	Les mots essentiels en plus cependant par contre normalement d'habitude en général Ça dépend.	High-frequency words what's more however on the other hand normally usually in general It depends.

Knowledge Goals: French

		Half Term 2: Tier 3 Vocabulary
1	SSC	Symbol-Sound Correspondence: the sound that letters or combination of letters make in a language
2	cognate	A cognate is a word which looks the same or very similar to a word in English. E.g.: le cinéma, le football
3	connective	A word which links sentences together. E.g.: and, but
4	Opinion verb/ phrase	A verb or a phrase which you use to give an opinion: I like, I dislike, in my opinion etc
5	Justifier	A way of giving a reason, a justification of an opinion. I like because it is
6	qualifier	A word which changes the intensity of an adjective: quite, very, extremely
7	adjective	A describing word: big, small, green, interesting, amusing etc
8	Time phrase	A phrase used to say when something is happening: normally, on Mondays, yesterday, next weekend
9	Tenses	Past, present, future, conditional
10	Infinitive	A verb as you find it in the dictionary: to play, to eat. This is the form of the verb when it is not used with a pronoun (I, he, she)



Knowledge Goals: How is global power changing?

China's GDP has grown considerably in the last 30

Alongside this, its population has increased to1.4

The Chinese Government controls the economy,

rather than businesses, meaning that they have

Their influence if spreading due to the Belt and Road

Initiative which sets to increase trade links with the rest

growth in the demand for consumer goods.

total control over their economic plan.

The population is getting wealthier which has led to a

What is a superpower-In order to be a superpower countries need certain factors of influence these include: •A large land area or population size (Geographic influence)

Lots of Money/Strong Economy

Large military force



The USA, China, Russia, and India are currently considered the world's superpowers. This is because each country possess significant economic, cultural, political and military power.

However at present the United States is considered the world's only true superpower. We also have some countries that are growing in power and when we look to the future, Nigeria could be the first super power in Africa

How can we measure global power?

We can use data to measure global power-most commonly GDP, population size, military spending and land area. We can also study the cultural influence of different superpower countries such as language spoken, music, film, and the trade of food and clothing.

How could Russia challenge the USA for superpower status? Russia and the USA have been challenging each other for many years. In particular, Russia has a large land mass and a large population. Russia also has access to an abundance of natural resources that it can make a lot of money from. More recently, Russia is investigating natural resources in and around The Arctic.

growth. Russia has a very cold climate in large parts of the country and a mountainous relief meaning that transport is difficult. It also has a declining population.

Further reading about Nigeria What might limit Russia's superpower status? Russia's physical geography is a main factor that will limit Russia's

The growth of China-

billion- the largest in the world.

vears.

of the world.



Where is the next superpower?



Whilst China's population is biggest in the world, not everyone in China is benefitting from the economic boom that is mainly found on the east coast. The size of China's population is causing issues such as not being able to supply enough energy to homes and businesses





Factors for India as a superpower

- India has a young population = larger workforce = more economic growth.
- Member of UNSC = more influence over unstable countries and global security.
- Large English speaking population = increases trade and economic opportunities.
- 3rd largest military = power and influence.

Factors against India as a superpower.

- Around 5% of India's live in poverty = need to fix poverty before it can be a superpower.
- Parts of India has poor infrastructure = growth is limited to certain areas = not able to reach full potential.
- Conflict with neighbours and internally = appear less powerful.

Is Nigeria on the rise?

Nigeria is the wealthiest country in Africa and in 2030 it is predicted to have the third largest population in the world, overtaking the USA.

It has benefitted greatly from the oil that is found naturally off its south coast. However, Nigeria has many challenges to overcome. There is a large percentage of the population that live in poverty and it is difficult to distribute medicines. In addition there are also environmental challenges such as the water pollution created from oil spills.



Knowledge Goals: How is global power changing?



		Half Term 2: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	superpower	a country that has the capacity to project power and influence anywhere in the world and in more than on region at a time.	
2	Cultural influence	The spread of ideas, actions or customs as a result of power.	
3	Economic power	an economic snapshot of a country which measures the size of an economy and its growt h through the total income from goods and services.	
4	Demographics	statistical data relating to the population.	
5	Military power	Having the wealth (GDP) to spend on military weapons and their army. Also having a larg e military.	
6	Natural resources	Materials that are not man made and found naturally ion earth eg oil, coal, timber.	
7	Rural migrants	people who are originally from rural areas but move to urban areas.	
8	Consumergood	Consumer goods are products bought for consumption by the average consumer. Clothing, food, and jewellery are all examples of consumer goods.	
9	Poverty	Poverty is a state or condition in which a person or community lacks the financial r esources and essentials for a minimum standard of living.	
10			



Knowledge Goals: History World War Two

#	Key word	Definition	Notes:
1	Atomic bomb	A bomb that uses nuclear energy to release a devastating explosion, first used on the Japanese city of Hiroshima in 1945.	
2	Blitkrieg	The German word for 'lightening war' – the Nazis wanted to take out countries before they had time to be ready for war. An intense bombing raid by the Germans on Britain from September 1940 to May 1941. While it was largely centred on London, other large cities were also targeted.	
3	Evacuation	The action of removing someone from a particular place due to a threat.	
4	Home Front	The actions of non-fighting people at home to support the war effort.	
5	National Health Service	A system of healthcare founded in 1948, which is free at the point of use. It is funded by everyone contributing through their taxes.	
6	Operation Dynamo	The planned evacuation of Allied soldiers from the bears of Dunkirk.	
7	Propaganda	Information used in a misleading way to promote a particular view of something.	
8	Ultranationalism	Similar to nationalism, but on an extreme level. People are so proud of their country they are willing to do anything for it – including killing themselves. This was associated with the Japanese in the 1940's.	
9	VE/VJ Day	Victory in Europe Day. This marked the end of the war in Europe. Victory in Japan Day. This marked the end of the war in East Asia.	
10	Reconstructive surgery	surgery performed to restore normal appearance and function to body parts malformed by a disease, injury or medical condition.	

Knowledge Goals: Materials 1 - Passive Amplifier

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Health and Safety It is really important we ASSESS the RISK and **REDUCE the RISK of Injury by LISTENING To** the TRAINING and following the correct PPE usage

- Hair must be tied up in the workshop
- Blazers and ties must be removed
- Jewellery must be removed
- Only use machines you have been told to use and have been demonstrated to you
- Ensure you know where the emergency stop button is
- Do not eat or drink in the workshop
- No running

Two-point

perspective - This shows an object from the side with two vanishing points. It gives the most realistic view of a product as it shows the item edge on, as we would see it. It is often used to produce realistic drawings of an obiect.



The loudness of a sound is a measure of the amplitude of the wave. The greater the amplitude, the louder the sound.



cheaper to buy, and are considered a

sustainable material.

Knowledge Goals: Materials 1 - Passive Amplifier

		Half Term 1: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Amplification	the process of increasing the volume of sound,	
2	Etch	To engrave into a design, which cuts the surface but not all the way through the material	
3	2-point perspective	This shows an object from the side with two vanishing points. It gives the most realistic view of a product as it shows the item edge on, as we would see it. It is often used to produce realistic drawings of an object.	
4	Half-round file	a file made flat on one side and convex on the other for filing curves	
5	Round file	A file that has a round section, this is used for It is used for rubbing or finishing holes of small diameter	
6	Flat file	A flat file is referred to as a file which is of a rectangular cross-section in shape	
7	Coping saw	a saw with a very narrow blade stretched across a D-shaped frame, used for cutting curves in wood.	

Knowledge Goals: Materials 1 - Sweet Dispenser



Health and Safety It is really important we ASSESS the RISK and REDUCE the RISK of Injury by LISTENING To the TRAINING and following the correct PPE

usage

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- No running

Recycle - Take an existing product that has become waste Sustainability and re-process the material for use in a new product. Reuse - Take an existing product that's become waste and use the material or parts for another purpose, without processing it. Reduce - Minimise the amount of material and energy used during the whole of a products life cycle. Refuse - Don't accept a product at all if you don't need it or if its environmentally or socially unsustainable. Rethink - Our current lifestyles and the way we design and R S make. **Repair** - When a product breaks down or doesn't function ယ properly, fix it.

Knowledge Goals: Materials 1 – Sweet Dispenser

		Half Term 1: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Aesthetics	The look of a product e.g. the colour, theme, texture, finish etc	
2	Sustainability	Sustainability means doing something that will cause little or no damage to the environment and will be able to continue for a long period of time.	
3	Plan view	the appearance of an object as seen from above	
4	Dimensions	A dimension is a measurement such as length, width, or height. If you talk about the dimensions of an object or place, you are referring to its size and proportions	
5	Adhesives	a substance used for sticking objects or materials together e.g glue	
6	Mechanism	a system of parts working together in a machine; a piece of machinery	
7	Orthographic projections	Orthographic projections are working drawings in either a first or third angle projection and show each side of a design without perspective, ie a 2D drawing of a 3D object. They are used to show an object from every angle to help manufacturers plan production.	· · · · · · · · · · · · · · · · · · ·

Knowledge Goals: PDEV



PEER PRESSURE

Peer pressure is the influence exerted by a peer group, encouraging individuals to change their attitudes, values, or behaviors to conform to group norms.

OVERVIEW

Peer pressure occurs due to a desire to fit in with a peer group. It can be both positive, promoting healthy habits or behaviors, and negative, leading to risky or harmful activities. While typically associated with adolescents, peer pressure can affect individuals of any age group as it fundamentally involves the human desire to be accepted and belong within a social context.

EXAMPLE

- Academic performance: Friends can motivate each other to study harder and achieve better grades.
- Fashion trends: Young people can feel pressure to conform to current styles or trends popular within their friend group.
- Environmental consciousness: Peers can influence each other to adopt eco-friendly habits like recycling.

HELPFULPROFESSOR.COM

How the UK compares on aid spending Spending as a percentage of Gross National Income, 2020



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GLOBAL DATA HUB ON HUMAN TRAFFICKING

164

108,613

Source: CTDC Global Dataset: Counter Trafficking Data Collaborative; 2020. Note: The data in this chart are from the Counter Trafficking Data Collaborative (CTDC); the global data hub on human trafficking featuring



British Values 🗹 Shared Values 🗹 Our Values 🗸

Knowledge Goals: PDEV

		Half Term 1: Tier 3 Vocabulary	
#	Key word	Definition	Notes:
1	Fundamental British Values	These are beliefs that underpin what it is to be a citizen in a modern and diverse Great Britain, valuing our community and celebrating diversity of the UK. These values are Democracy, Rule of Law, Respect and Tolerance, Individual Liberty.	
2	ancestor	a person, typically one more remote than a grandparent, from whom we are descended.	
3	LGBTQAI	Lesbian, Gay, Trans, Queer/Questioning, Asexual, Inter-sex community.	
4	Cis-gender	most people are cisgender. People who are happy with the biological sex they were born with. These people can still be gay or straight or bi.	
5	Human trafficking	The recruitment, harbouring, and transporting of people through the use of violence, deception, or coercion, who are forced to work against their will.	
6	Coercion	The action or practice of persuading someone to do something by using force or threats.	
7	Foreign aid	money, food, or other resources given or lent by one country to another.	
8	Sustainability	the idea of living in a way that can maintained in the long term. We talk about 'sustainability' in terms of looking after our environment.	
9	Age of criminal responsibility	the age at which young people can be blamed for their crimes. This is age 10 in the UK.	
10	Peer Pressure	The pressure felt to do what people in your age group are doing and to do what they want you to do.	
11	Knife Crime	illegal activities involving knives, e.g. carrying a knife, using a knife as a weapon, hiding a knife used as a weapon, selling a knife or possessing a knife as a weapon.	

Knowledge Goals: PE

Badminton

- □ Serving I can perform the backhand and forehand serve with accuracy, landing the shuttle in the opponents' service box.
- □ The Clears I know that the clear is a defensive stroke and can be used to slow the pace of the game and regain position on court
- □ The Drop Shot I understand that the drop shot is an attacking shot and why.
- □ The Smash I can hit the shuttle with power and land the shuttle mid court, showing good accuracy.
- □ Net Play I can accurately hit the shuttle low over the net and land close to the net.
- Game Play I know which side of the court to serve from depending on if the score is odd or even.

Hockey

- □ Ball Control I can use reverse stick at the appropriate times to control the ball.
- Passing I can demonstrate passes at increasing variety, speed and accuracy. On reception I rotate the stick forward to ensure the ball is trapped and available.
- Dribbling I can move at speed with the ball avoiding challenges by changing speed or direction.
- □ **Tackling** I can apply the block tackle effectively and safely in game situations on many occasions.
- □ Game Situations I can organise effective attacking opportunities quickly in free hit situation.

Ball Control – I can control the ball with most body parts with some consistency

Football

- Passing I can occasionally pass the ball accurately using different parts of my foot whilst under *pressure*.
- Defending I can decide whether to commit to a tackle or jockey my opponent.
- Dribbling I can dribble the ball for some distance as long as it's on my stronger side.
- Shooting I can accurately shoot from a moderate distance using different techniques.
- □ Game Situations I move into space in games and communicate with teammates and can maintain *possession* while decision making.

Netball

- Passing I can effectively pass a ball to a player in a game situation.
- □ Footwork I can demonstrate good use of the footwork rule in a game situation. I can pivot on my landing foot consistently.
- Attacking skills I am able to re-offer under pressure from a defender to create space to receive the ball.
- Defending skills I am able to cleanly intercept a ball with two hands in a small game situation.
- □ Game Situations I am able to demonstrate a basic set play in a game situation with little or no pressure.

Gymnastics

- Floor I can perform a paired sequence, performing advanced movements showing consistently high levels of control and tension.
- Jumps I can successfully incorporate a variety of jumps to change the level of a sequence.
- ❑ Apparatus I can adapt the apparatus to perform a multi-move sequence using a range of vaults with correct technique.
- Performance I can evaluate another group's sequence, making specific suggestions on how to improve the level of their performance.



- Rugby
 Evasion/Support Play I can demonstrate principles of attack when to penetrate or out flank. I can support in different formations including 'magic diamond'.
- Passing & Catching I can pass and catch a ball over a longer distance with some accuracy, making decisions on the weight and length of the pass. Developing skills for quick passing to maximise potential overlaps
- □ **Tackling/Defensive Strategies** I can demonstrate the principles of defence, denial of space, pressure, open gate, tackle, cover and regain possession
- Rucks & Mauls I can set up a micro maul or micro ruck if none of the 'continuity' options are possible.
- Game Play I can plan and execute set piece plays from a 'scrum' or 'line out'

Knowledge Goals: PE

		Notes:	
#	Key word	Definition	
1	Reverse Hit (Tomahawk)	Hit on your reverse side, can be a pass or a shot. Keeps the speed of play up.	
2	Anticipation	The ability to quickly and accurately predict the outcome of an opponent's action before that action is completed.	
3	Disguise	Ability to deceive the opponent with fake movements or passes.	
4	Line Breaks An attacking player gets through the opponent's defensive line while in possession of the ball.		
	Badminton Foot	Image: selection of the se	

Knowledge Goals: Physics – Particle model

Kinetic theory

The kinetic particle model explains the properties of the different states of matter. Particles in solids, liquids and gases have different amounts of energy. The particles are arranged differently and move in different ways.

States of Matter

Heat Heat is a word used to	 Temperature Temperature is a measure of how hot or cold something is.
shifted in a system during a change of temperature or a change of state. Heat is measured in joules (J).	 Temperature is a measure of the average kinetic energy of the particles in a system. Temperature is measured in degrees celsius (°C). Absolute temperature is measured in kelvin (K). A temperature of absolute zero (0 kelvin) is the point at which the particles in a body stop vibrating.

Changing temperature

- When energy is shifted into a body its temperature can increase.
- During a change of temperature, energy is shifted in or out of the kinetic energy store of particles.
- The amount of heat stored or released as a substance changes temperature can be calculated using the equation:

energy = mass × specific heat capacity × temperature change

• The **specific heat capacity** of a material is the energy required to raise one kilogram (kg) of the material by one degree Celsius (°C) without a change of state.

Changing state

- When energy is shifted into a body at its melting or boiling point, it will change state.
- Temperature remains constant during a change of state.
- During a change of state, energy is shifted in or out of the potential energy store of particles.
- Forces of attraction between particles are weakened during melting and overcome during boiling.
- The amount of heat stored or released as a substance changes state can be calculated using the equation:

energy = mass × specific latent heat

• Specific latent heat is the amount of energy required to change the state of 1 kilogram (kg) of a material without changing its temperature.

Knowledge Goals: Physics – Particle model

		Half Term 2: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	kinetic	The energy an object has because it is moving / vibrating. This store is filled or emptied during temperature changes.	
2	potential	The energy an object has because of the position of its particles relative to other particles. This store is filled or emptied during changes of state.	
3	heat	Energy shifted in a system during a change of temperature or a change of state; measured in joules (J).	
4	temperature	A measure of hotness; a measure of the average kinetic energy of the particles in a body; measured in degrees Celsius (°C) or kelvin (K)	
5	specific heat capacity	The amount of energy required to raise one kilogram (kg) of the material by one degree Celsius (°C) without a change of state.	
6	specific latent heat	The amount of energy required to change the state of 1 kilogram (kg) of a material without changing its temperature.	
7	internal energy	The sum of the kinetic and potential energy stores of the individual particles in a body.	

Knowledge Goals: Maths



Knowledge Goals: Maths

Unit 5- Coordinates and Granhs			10 1		· · ·	A (17)	C. Continut	The section of the istance to a lite	*
	Video	Resource	1. Coordinates	Written in pairs. The first term is the x- coordinate (movement across). The second term is the y-coordinate (movement up or down)	10 8 6 4	A: (4,7) B: (-6,-3)	5. Gradient	Gradient = Change in y Rise	Gradient = 4/2 = 2 Gradient = -3/1 = -3
Plot and read	Watch This	Hit the Coordinate		(inovement up or uown)		2 4 6 8 10		$\frac{1}{Change in x} = \frac{1}{Run}$ The gradient can be positive (sloping upwards) or negative (sloping downwards)	
coordinates		Axes and coordinates KS3 BBC Bitesize	2. Midpoint of a Line	Method 1: add the x coordinates and divide by 2, add the y coordinates and divide by 2	Find the midp (6,9)	point between (2,1) and	6. Finding the Equation of a Line <u>given a</u> <u>point and a</u> gradient	Substitute in the gradient (m) and point $(\underline{x},\underline{y})$ in to the equation $y = mx + c$ and solve for c.	Find the equation of the line with gradient 4 passing through (2,7). $y = mx + c$ $7 = 4 \times 2 + c$
Midpoint and coordinate	Watch this	Worksheet	3 Linear	Method 2: Sketch the line and find the values half way between the two x and two y values.	$\frac{1}{2}$ = 4 and - So, the midpo	$\frac{1}{2} = 5$ bint is (4,5)	7. Finding the	Use the two points to calculate the	c = -1 $y = 4x - 1$ Find the equation of the line passing
problems	Watch this X aswels	Check your answers	Graph	The general equation of a linear graph is y = mx + c	5 ⁴ Y 4 3 2	Other examples: x = y	Equation of a Line <u>given two</u> <u>points</u>	gradient. Then repeat the method above using the gradient and either of the points.	through (6,11) and (2,3) $m = \frac{11 - 3}{6 - 2} = 2$
Horizontal and vertical Lines	Watch this Y equals	Worksheet Check your answers		where m is the gradient and c is the y- intercept.	5 4 3 2 1 4	y = 4 x = -2 y = 2x - 7 y + x = 10			y = mx + c 11 = 2 × 6 + c c = -1
			4 Disting	an x-term, a y-term and a number.		2y - 4x = 12	9 Decalial	If two lines are navallal, they will have the	y = 2x - 1
Plot straight line graphs	Watch This	<u>Worksheet</u> <u>Check your answers</u>	4. Plotting Linear Graphs	Construct a table of values to calculate coordinates.	x y= x +3	-3-2-101230123456	Lines	same gradient. The value of m will be the same for both lines.	Are the lines $y = 3x - 1$ and $2y = 6x + 10 = 0$ parallel? Answer:
				Method 2: Gradient-Intercept Method		///////			Rearrange the second equation in to the form $y = mx + c$
Identify gradient and y	Watch This	Online Worksheet		(use when the equation is in the form $y = mx + c$) 1. Plots the y-intercept	y =	3 <u>2</u> x+1			$2y - 6x + 10 = 0 \rightarrow y = 3x - 5$ Since the two gradients are equal (3)
		Graphing Slope		 Using the gradient, plot a second point. Draw a line through the two points plotted. 	3 - 4				the lines are parallel.
Use y=mx+c	Watch This	Intercept Form Quick Online Practice Worksheet		Method 3: Cover-Up Method (use when the equation is in the form $ax + by = c$) 1. Cover the <i>x</i> term and solve the resulting equation. Plot this on the $x - axis$.					
Parallel lines	Watch this	Worksheet Check your answers		equation. Plot this on the $y - axis$. 3. Draw a line through the two points plotted.		2x + 4y = 8			
**Perpendicular lines	Watch this	Worksheet Check your answers	9. Perpendicula Lines	If two lines are perpendicular, product of their gradients will equal -1.	the always	Find the equation of perpendicular to $y =$ passes through (6,5)	the line $3x + 2$ which	$5 = -\frac{1}{2}$	$\frac{1}{3} \times 6 + c$
**Solving problems using y= mx+c	Watch this	Worksheet Check your answers		The gradient of one line will be negative reciprocal of the gradi other line.	the ient of the	Answer: As they are perpendi	cular, the grad	ient	$\frac{1}{x+7}$
**Extension tasks				You may need to rearrange equalines to compare gradients (they in the form $y = mx + c$)	ations of need to be	negative reciprocal o v = m	$f = -\frac{1}{3}$ as this is f 3. x + c	Or $y = -$ 3x + x	$\frac{3^{x+7}}{-7=0}$

Knowledge Goals: Maths

		Notes:	
#	Key word	Definition	
1	Sequence	Items or numbers put in a pre decided order.	
2	Arithmetic	A sequence where the difference between the terms is constant.	
3	Geometric	A sequence where each term is found by multiplying the previous one by a fixed nonzero number.	
4	Quadratic sequence	A sequence which rule contains a term squared.	
5	Parallel	Two straight lines that never meet and are an equal distance apart.	
6	Perpendicular	Two lines that meet at a right angle.	
7	Gradient	The steepness of the line.	
8	Intercept	Where it crosses the y axis.	

Knowledge Goals: Music

Careers in the Music Industry Why Music?

The music industry continues to evolve, and if you are interested in a career in music, the traditional jobs of artist, performer or composer are just the tip of the iceberg. In this unit, you will discover a small snapshot of what a music career in the 21st century could entail. You will learn about how music has evolved through the use of technology and you will explore the relationships between a songwriter and a lyricist. You will take on the role of a journalist to review a new and upcoming artist, and you will also get chance to teach one of your peers. Finally, you will take on the role of festival planner and learn how to budget



Great Partnerships

Elton John & Bernie Taupin

John Lennon & Paul McCartney

Wider Listening

YouTube: Searches for 'careers in the music industry' offer lots of videos with advice and guidance, depending on the career

The songwriter

Sometimes an artist will write their own songs, but sometimes they will work with another person or a team of writers. In some cases, people work as a songwriter and the record label will match a song with an artist they think could make it a hit.

The journalist

Traditionally, a journalist would have worked for a music magazine, listened to new records and written a review. Today, because of technology, it is easy for anyone to write a review and post it online, so a modern day journalist may also be a photographer, blogger or an 'influencer'.

The Event Manager

A festival planner or event manager may have to understand several different areas of the music industry, including health and safety, working with police and medical staff, applying for performance licenses, booking venues and managing budgets. With lots of tight deadlines, it is probably quite a stressful job!

The Teacher

A teacher will need to be able to think on the spot and also teach the same content in a variety of ways. This is known as 'differentiation'.

Knowledge Goals: Music

		Half Term 2: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Artist	Someone who performs on their own or as a group	
2	Songwriter	A musician who writes music on their own or as a team	
3	Journalist	Someone who listens to music and reviews it	
4	Recording Engineer	Someone who works in a studio to capture and edit new music	
5	Teacher	Working in an educational setting to teach people music	
6	Event Manager	Someone who works to plan and organise musical events	
7	Session Musician	Someone who performs in lots of different styles for recording sessions	
8	Instrumental Teacher	Someone who teaches people to play an instrument	

Knowledge Goals: PRE Ethics

Animal rights



More and more people are questioning the ways human beings use animals, and some are actively turning away from using animal products in their daily lives. Religious and non-religious people hold varying views about the status of animals, and of animal rights.



The British Egg Industry Council has strict rules about egg classification. To qualify eggs as free range, chickens must have access to the outside for at least eight hours a day.

Find out more!



Euthanasia

Euthanasia means 'gentle and easy death'.

The term is used to describe the deliberate ending of a person's life for compassionate reasons because they are suffering, eg from a painful or incurable disease.

Euthanasia is illegal in the UK. Euthanasia is punishable by law and can carry a maximum penalty of life imprisonment. Assisted suicide is also illegal in the UK. It is punishable by law and can carry a prison sentence of up to 14 years.



There are powerful arguments for and against euthanasia. People with different beliefs may agree with many of these arguments. For example, an **atheist** may recognise that there are dangers in allowing euthanasia (the slippery slope argument). However, they might also feel that an individual's right to direct their own life outweighs other good arguments.

Many religious believers are likely to have great sympathy with arguments that a person should not have to live in agony. Despite this, the idea for them that life is sacred may outweigh other arguments, however good.

Capital punishment

Capital punishment is the death penalty. It is **illegal** in the UK. It was abolished for the crime of murder in 1965. It was then

abolished for all crimes in 1998.

In those countries where it is legal, capital punishment aims to protect society, deter others from committing crime and compensate the victims of the crime (this is known as reparation).

We will examine arguments for and against the death penalty including religious views.

The punishment shall be life for life, eye for eye, tooth for tooth.







Ask God to bless those who persecute you.

Find out

more



Romans 12:14

Knowledge Goals: PRE Ethics

		Term 1: Tier 3 Vocabulary
#	Key word	Definition
1	Animal testing	The act of testing new medicines or products on animals to assess their dangers and effectiveness before they are tested on humans.
2	Euthanasia	'A gentle or easy death'. The ending of someone's life usually if they are terminally ill.
3	Active euthanasia	Withholding treatment with the intention of ending life or giving a drug that will end life.
4	Passive euthanasia	This is either where the dose of a pain-killing drug, such as morphine, is increased in the belief that it will not only control pain but also shorten life, or where treatment is withheld or withdrawn because all it is doing is delaying the natural process of dying. Some people argue this is not euthanasia at all.
5	Quality of life	How good a person's life is, are they able to enjoy life to any extent
6	Sanctity of life	Life is invaluable. Life is sacred, a gift from God.
7	Abortion	when a pregnancy is ended so that it doesn't result in the birth of a child.
8	Pro life	Life should be protected at all costs. Anti-abortion
9	Pro choice	The pregnant woman should have the right to choose abortion.
10	Designerbaby	A baby genetically engineered, usually to avoid a hereditary condition or to create a saviour sibling.

Knowledge Goals: Spanish

¿Dónde vives? Vivo en el norte/noroeste/noroeste sur/sureste/suroeste	Where do you live? I live in the north/northeast/northwest south/southeast/southwest	este/oeste/centro de Inglaterra/Escocia de Gales/Irlanda (del Norte)	east/west/centre of England/Scotland of Wales/(Northern) Ireland
¿Qué haces en verano? En verano/invierno chateo en la red cocino para mi familia descargo canciones escribo correos hago natación/esqui/windsurf hago una barbacoa juego al baloncesto/fútbol	What do you do in summer? In summer/winter I chat online I cook for my family I download songs I write emails I go swimming/skiing/windsurfing I have a barbecue I play basketball/football	monto a caballo/en bici nado en el mar salgo con mis amigos/as toco la guitarra trabajo como voluntario/a veo la tele voy al polideportivo/al parque/ a un centro comercial voy de paseo	I go horseriding/cycling I swim in the sea I go out with my friends I play the guitar I work as a volunteer I watch TV I go to the sports centre/to the park/ to a shopping centre I go for a walk
¿Con qué frecuencia? siempre a menudo todos los días a veces	How often? always often every day sometimes	de vez en cuando una vez a la semana dos o tres veces al año (casi) nunca	from time to time once a week two or three times a year (almost) never
¿Qué tiempo hace? Hace buen/mal tiempo. Hace calor/frío/sol/viento. Llueve/Nieva. El tiempo es variable.	What's the weather like? It's good/bad weather. It's hot/cold/sunny/windy. It's raining/snowing. The weather is changeable.	El clima es caluroso/soleado. Hay niebla/tormenta. Hay chubascos. Está nublado.	The climate is hot/sunny. It's foggy/stormy. There are showers. It's cloudy.
¿Qué te gusta hacer? Soy adicto/a a ya que/dado que/puesto que Prefiero Me gusta Me encanta/Me mola/Me chifla/ Me flipa/Me apasiona No me gusta (nada) Odio A (mi padre) le gusta Nos encanta bucear estar al aire libre	What do you like doing? I'm addicted to given that/since I prefer I like I don't like (at all) I hate (My dad) likes We love diving being outdoors	estar en contacto con los amigos hacer artes marciales hacer deportes acuáticos ir al cine/a la pista de hielo ir de compras leer (un montón de revistas) usar el ordenador ver películas Prefiero veranear en el extranjero/en España en la costa/en el campo en la montaña/en la ciudad	being in touch with friends doing martial arts doing water sports going to the cinema/ice rink going shopping reading (loads of magazines) using the computer watching films 1 prefer to spend the summer abroadin Spain on the coast/in the country in the mountains/in the city
¿Adónde fuiste de vacaciones? hace una semana/un mes/un año hace dos semanas/meses/años fui de vacaciones a Francia/Italia/Turquía ¿Con quién fuiste? Fui con mi familia/insti	Where did you go on holiday? a week/month/year ago two weeks/months/years ago lwent on holiday to France/Italy/Turkey Who did you go with? I went with my family/school	con mi mejor amigo/a solo/a ¿Cómo viajaste? Viajé en autocar/avión en barco/coche/tren	with my best friend alone How did you travel? I travelled by coach/plane by boat/car/train
¿Qué hiciste? primero luego más tarde después finalmente Lo mejor fue cuando Lo peor fue cuando aprendí a hacer vela comí muchos helados compré recuerdos descansé fui al acuario hice turismo	What did you do? first then later after finally The best thing was when The worst thing was when I learned to sail I ate lots of ice creams I bought souvenirs I rested I went to the aquarium I went sightseeing	llegué tarde al aeropuerto perdí mi móvil saqué fotos tomé el sol tuve un accidente en la playa vi un partido visité el Park Güell vomité en una montaña rusa Puedes descubrir el Museo Picasso disfrutar del Barrio Gótico pasear por las Ramblas subir al Monumento a Colón ver los barcos en el puerto	I arrived at the airport late I look photos I sunbathed I had an accident on the beach I saw atched a match I visited Park Güell I was sick on a roller coaster You can discover the Picasso Museum enjoy the gothic quarter walk along Las Ramblas go up the Columbus Monument see the boats in the port
¿Qué tal lo pasaste? Me gustó/Me encantó. Lo pasé bomba/fenomenal. Lo pasé bien/mal/fatal. Fue inolvidable/increible impresionante/flipante horroroso	How was it? I liked it/l loved it. I had a great time. I had a good/bad/awful time. It was unforgettable/incredible impressive/awesome awful	un desastre ¿Qué tiempo hizo? Hizo buen/mal tiempo. Hizo calor/frio/sol/viento. Hubo niebla/tormenta. Llovió/Nevó.	a disaster What was the weather like? It was good/bad weather. It was hot/cold/sunny/windy. It was foggy/stormy. It rained/snowed.

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2Qué te gusta hacer? Soy adicto/a a Soy un(a) fanàtico/a de ya que/dado que/puesto que Prefiero Me gusta Me encanta/Me mola/Me chifla/ Me flipa/Me apasiona No me gusta (nada) Odio A (mi padre) le gusta Nos encanta bucear estar al aire libre	What do you like doing? I'm addicted to I'm afanfanatic. given that/since I prefer I like I love I don't like(at all) I hate (My dad) likes We love diving being outdoors	estar en contacto con los amigos hacer artes marciales hacer deportes acuáticos ir al cine/a la pista de hielo ir de compras leer (un montón de revistas) usar el ordenador ver películas Prefiero veranear en el extranjero/en España en la costa/en el campo en la montaña/en la ciudad	being in touch with friends doing martial arts doing water sports going to the cinema/ice rink going shopping reading (loads of magazines) using the computer watching films J prefer to spend the summer abroad/in Spain on the coast/in the country in the mountains/in the city
¿Adónde fuiste de vacaciones? hace una semana/un mes/un año hace dos semanas/meses/años fui de vacaciones a Francia/Italia/Turquía ¿Con quién fuiste? Fui con mi familia/insti	Where did you go on holiday? a week/month/year ago two weeks/months/years ago I went on holiday to France/Italy/Turkey Who did you go with? I went with my family/school	con mi mejor amigo/a solo/a ¿Cómo viajaste? Viajé en autocar/avión en barco/coche/tren	with my best friend alone How did you travel? I travelled by coach/plane by boat/car/train
¿Qué hiciste? primero luego más tarde después finalmente Lo mejor fue cuando Lo peor fue cuando aprendí a hacer vela comí muchos helados compré recuerdos descansé fuí al acuario hice turismo	What did you do? first then later after finally The best thing was when The worst thing was when I learned to sail I ate lots of ice creams I bought souvenirs I rested I went to the aquarium I went sightseeing	llegué tarde al aeropuerto perdí mi móvil saqué fotos tomé el sol tuve un accidente en la playa vi un partido visité el Park Güell vomité en una montaña rusa Puedes descubrir el Museo Picasso disfrutar del Barrio Gótico pasear por las Ramblas subir al Monumento a Colón ver los barcos en el puerto	I arrived at the airport late I lost my mobile I took photos I sunbathed I had an accident on the beach I saw/watched a match I visited Park Güell I was sick on a roller coaster You can discover the Picasso Museum enjoy the gothic quarter walk along Las Ramblas go up the Columbus Monument see the boats in the port
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Knowledge Goals: Spanish

Half Term 1: Tier 3 Vocabulary

1	222	Symbol-Sound Correspondence: the sound that letters	
I	000	or combination of letters make in a language	Notes:
2	cognate	A cognate is a word which looks the same or very similar to a word in English. E.g.: le cinéma, le football	
3	connective	A word which links sentences together. E.g.: and, but	
4	Opinion verb/ phrase	A verb or a phrase which you use to give an opinion: I like, I dislike, in my opinion etc	
5	Justifier	A way of giving a reason, a justification of an opinion. I like because it is	
6	qualifier	A word which changes the intensity of an adjective: quite, very, extremely	
7	adjective	A describing word: big, small, green, interesting, amusing etc	
8	Time phrase	A phrase used to say when something is happening: normally, on Mondays, yesterday, next weekend	
9	Tenses	Past, present, future	
10	Infinitive	A verb as you find it in the dictionary: to play, to eat. This is the form of the verb when it is not used with a pronoun (I, he, she)	







