

Year 9 Knowledge Organiser

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Contents

Page	Subject
3	Maths
5	English
7	Science
19	History
22	Geography
25	Religious Studies
27	Spanish
30	French
33	IT
35	Art
37	Design Technology
40	Food Technology
42	Music
45	Drama

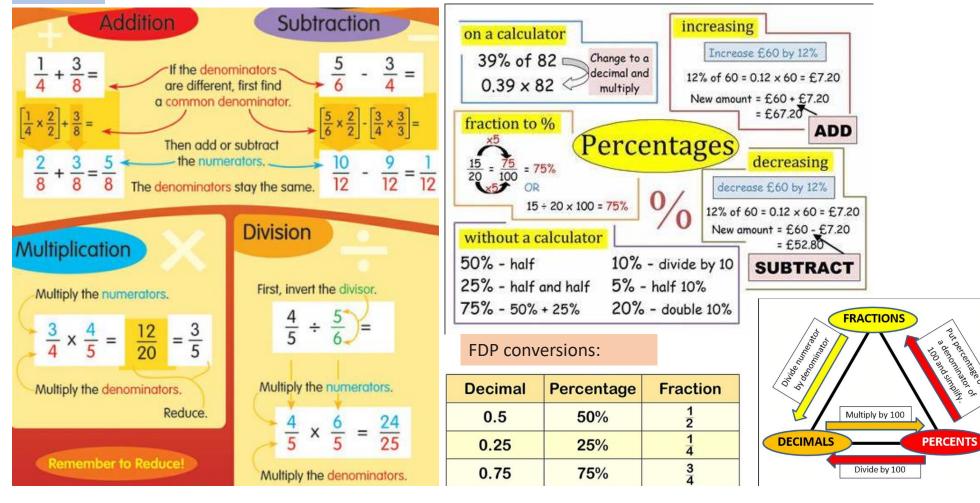
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Maths



Maths

Fractions:





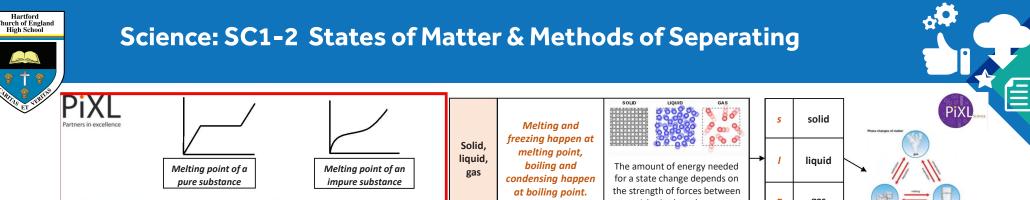


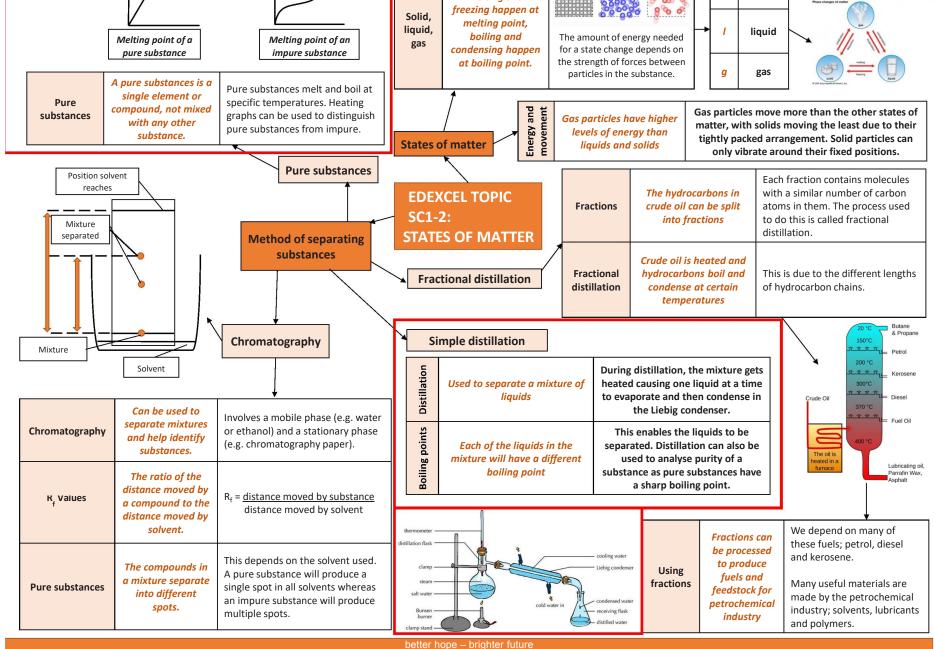
English



Persuasive Technique	Definition	Example	Key Term	Definition	
Rhetorical question	A question asked in order to prompt further thought or to make a point rather	If not me, then who? If not now, then when?	Key Term	Definition	
Allusion	than to get an answer. A reference to another literary, artistic,	We must act as our own 'Inspector' in Priestley's famous	Capitalism	An economic and political sy private owners for profit, rat	rstem in which a country's trade and industry are controlled by the state.
Satire	historical, or musical work.	play, and demand honesty, integrity and truth from those around us. It looked like society might just be capable of holding	Socialism	A political and economic syst usually controlled and regula	tem which promotes public ownership of trade and industry, ated by the government
		itself together. Until a five-year-old boy drove through the playground in an open-top Audi sports car. I watched Audi boy's parents as they walked behind their careering horror of a son, carefully checking he wasn't crashing into	Right-Wing	-	ative form of politics. Right-wing politics are generally the view that certain social orders and hierarchies are or desirable
		strangers' ankles but apparently oblivious to the trail of howling victims left in their wake	Left-Wing	Left-wing politics is the supp social hierarchy.	oort of social equality and egalitarianism, often in opposition to
Simile	A descriptive technique that compares one thing with another, usually using 'as' or 'like'.	He is as determinedly dishonest as a politician attempting to cover his latest immoral decision.	Democracy	A system of government dec usually through elected repr	cided by the entire population or a majority of eligible citizens, esentatives.
Emotive language	Words/ phrases deliberately used to evoke a powerful feeling from the reader i.e. sympathy, anger.	I find the notion that I am not worthy of voting for my country's next leader because of my age, both <u>demeaning</u> and deeply <u>insulting</u> .	Political Party		e political ideas and work together to achieve power at local or ervatives or The Labour Party
Statistic	A fact that is supported by numerical data.	The Trussell Trust's foodbank network distributed 1,332,952 three day emergency food supplies to people in crisis, a 13% increase on the previous year. 484,026 of	Parliament	•	ne public who meet and debate to pass new laws. In the UK this Commons, the House of Lords, and the Monarch.
Flattery	Deliberately complimenting the reader.	these went to children. The very fact that you are reading this article suggests that you are compassionate and understanding of the plight of your fellow man.	<u>sentences</u> However	s/ phrases: between	<u>Connecting phrases: between paragraphs</u> Building on the latter idea Whilst this idea is important, it is also crucial that we
Hyperbole	Deliberately exaggerated language.	He was so obnoxious; I was hoping he would be arrested on the spot and given a very long prison sentence purely for not saying please or thank you.	Consequently Moreover Additionally	d is crucial because Not o Addi urse Let's ally true of Whil	consider Furthermore, we must acknowledge Not onlybut also
Humour	Describing a surprising or unexpected reaction to an event/ person/ object to create amusement	My brother may look angelic but do not be fooled by his toddler aesthetic: he is a tiny-but very real-psychopath.	As much as Except, of course This is especially		Additionally, it is vital that we do not overlook Let's also reflect on the notion that Whilst it is widely accepted that
Irony/ sarcasm	When the literal meaning and the intended meaning are the opposite, typically for humorous or emphatic effect.	There is nothing I enjoy more than being chastised by a group of people who have	Likewise consider From this, it is clear that Let me bring your attention to Evidently You might think that Ultimately You may have detected Yes, you did hear You may have detected An Effective Introduction Might Include An analogy i.e. outlining a scenario that is comparable to the topic you will be exploring. A 'confession' i.e. a surprising/ personal statement. A description of the first time you became aware of the issue. A description of the first time you became aware of the topic A description of a place/ person that is relevant to the topic		Let me bring your attention to
Listing	When the writer includes several words/ phrases/ ideas, one after the other.	We ought be challenging the status quo, demanding more and not settling for easy answers.			You may have detected
Personification	Describing an inanimate object as having human feelings.	If we are not careful, prejudice will become our leader and it will dictate our actions and thoughts.			o the topic you will be exploring
Eye-witness quotation/ expert quotation	Direct speech from a person who witnessed an event/ direct speech from someone who has an in-depth understanding of the topic.	The British Nursing Association said the move was "hugely concerning" and a stark example of the "extreme workforce pressure" at NHS emergency services, which are facing rising demand while recruitment and retention of nurses gets harder.			issue.

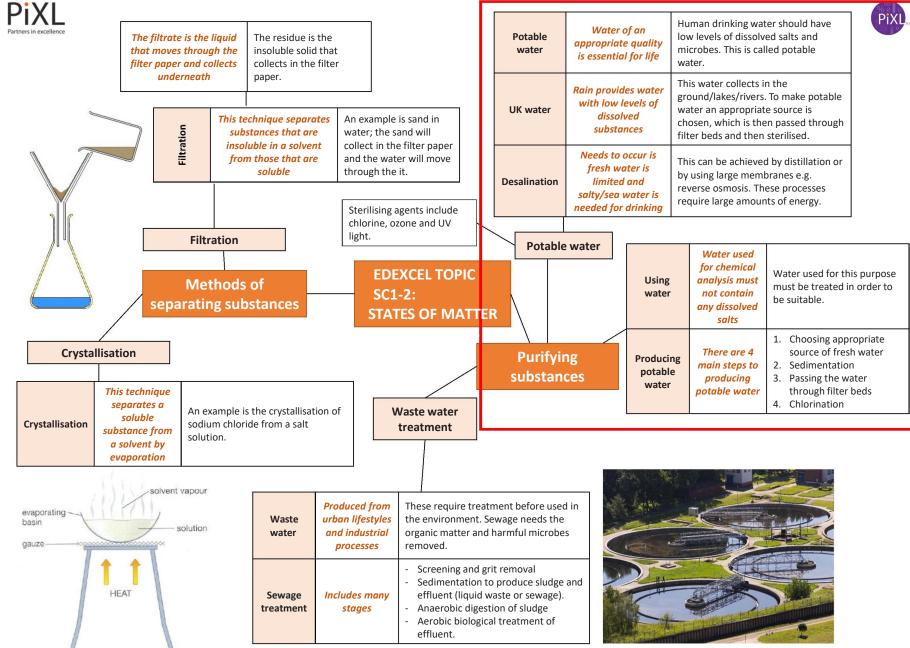
Science

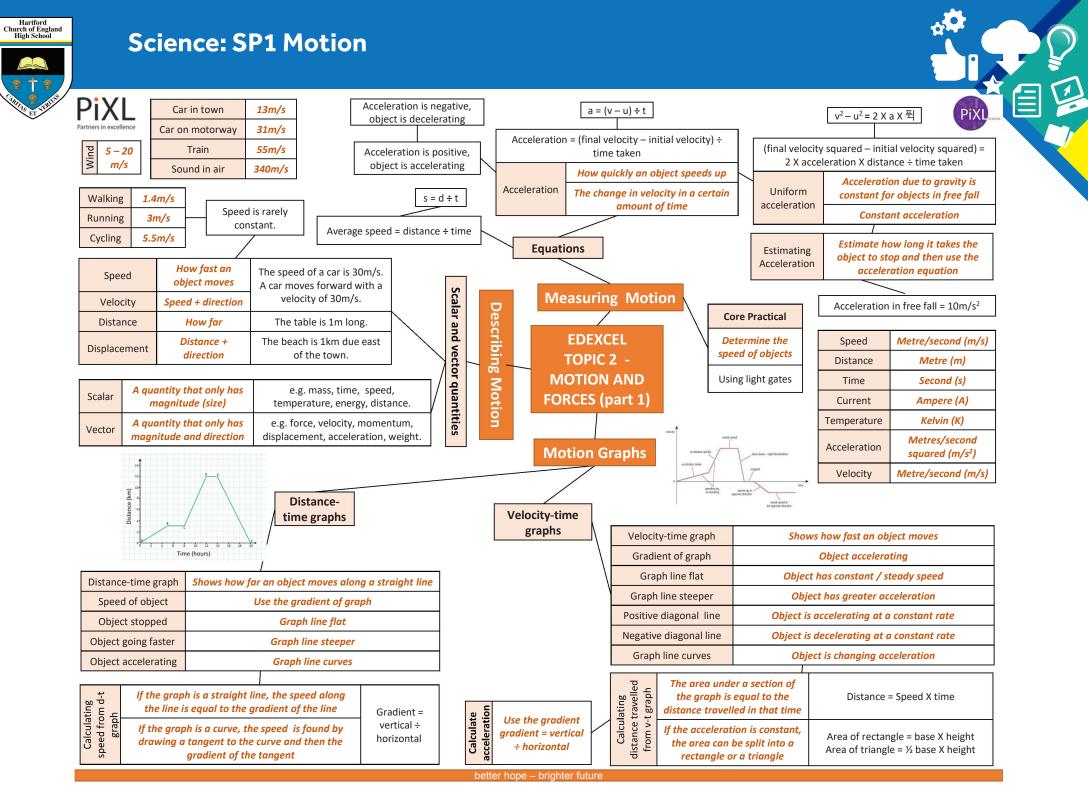


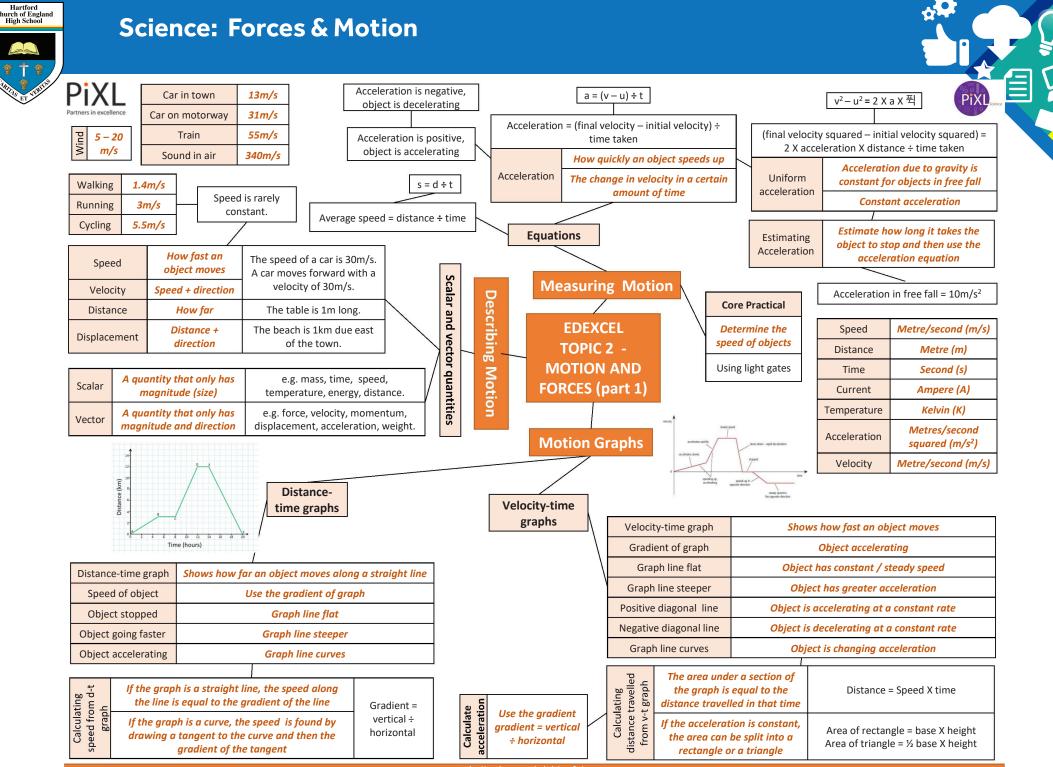


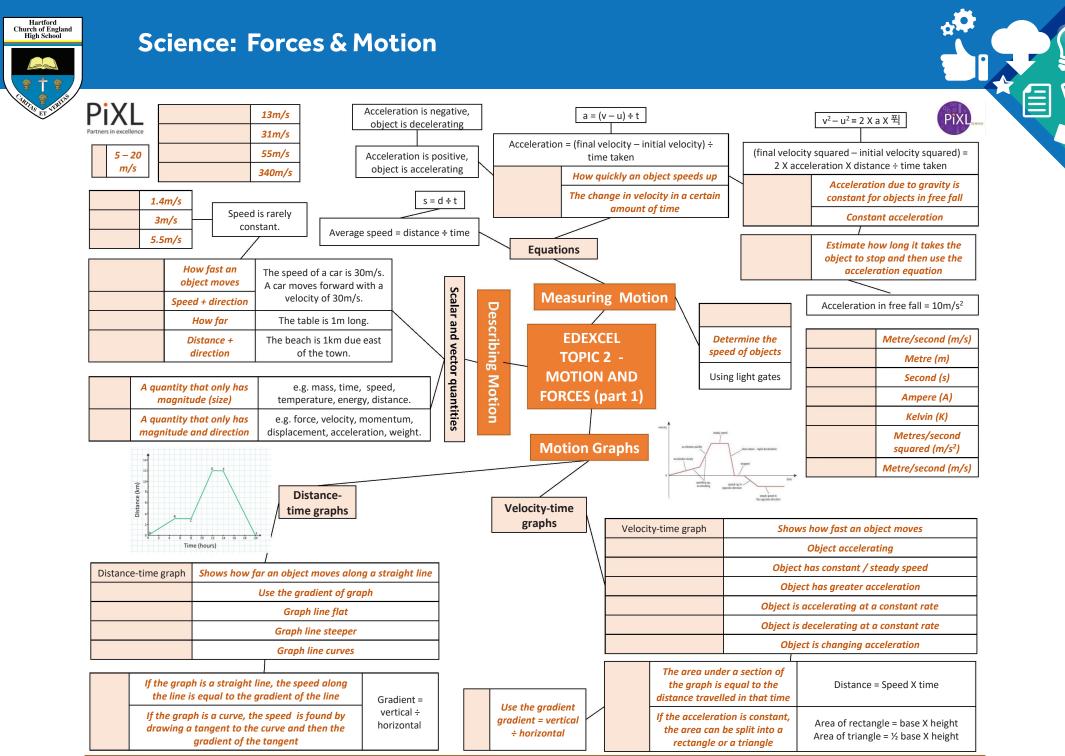


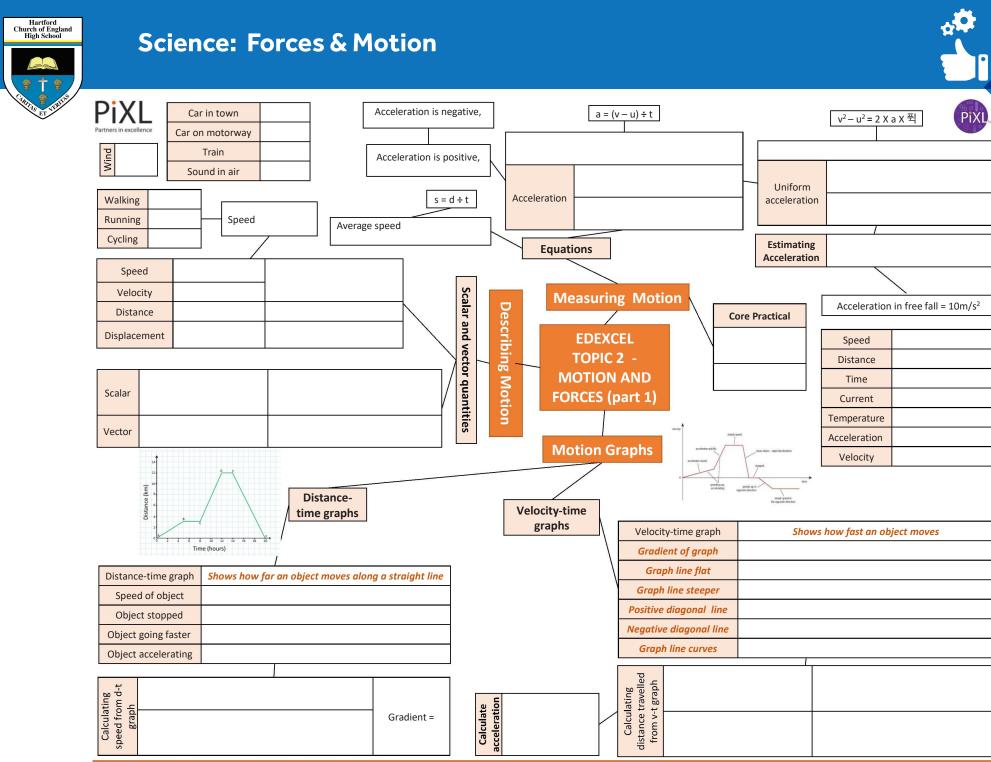
Science: SC1-2 States of Matter & Methods of Seperating

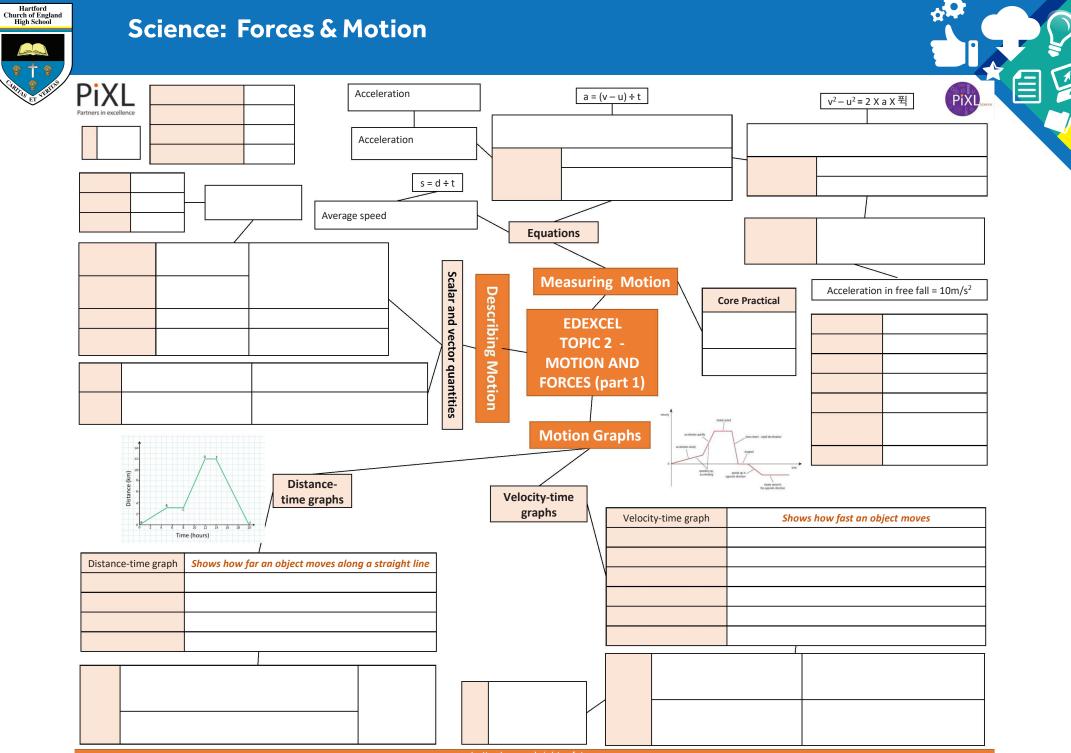






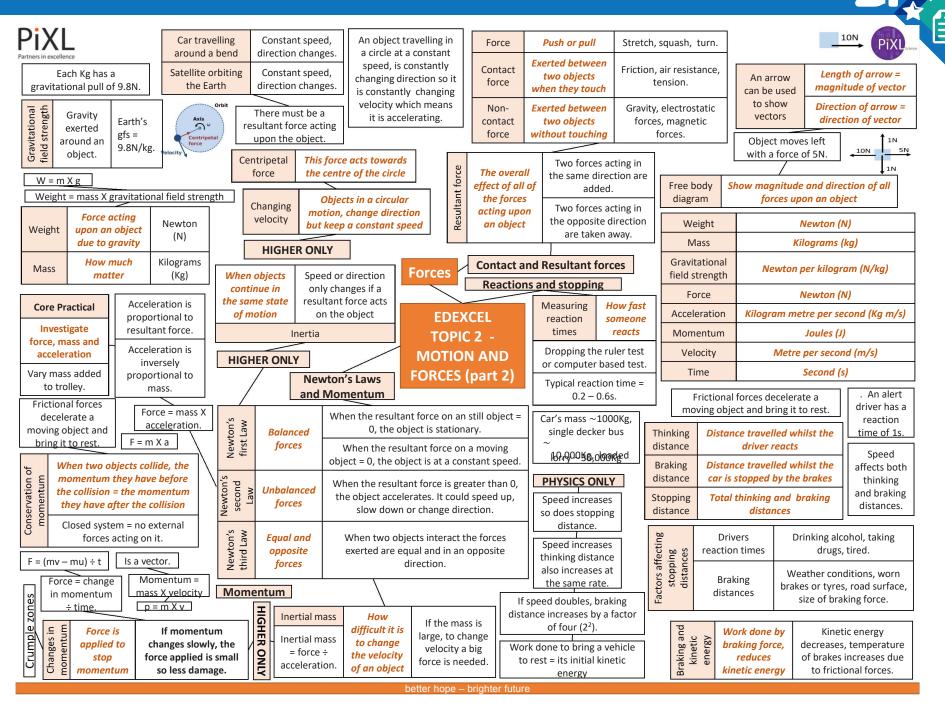






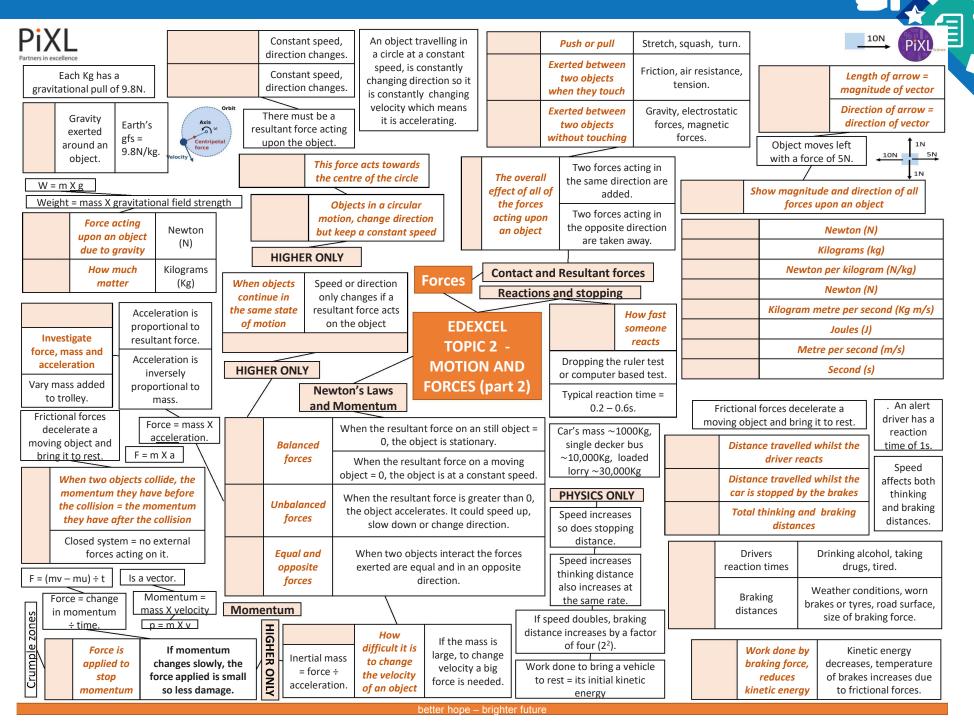


Science: Forces & Motion



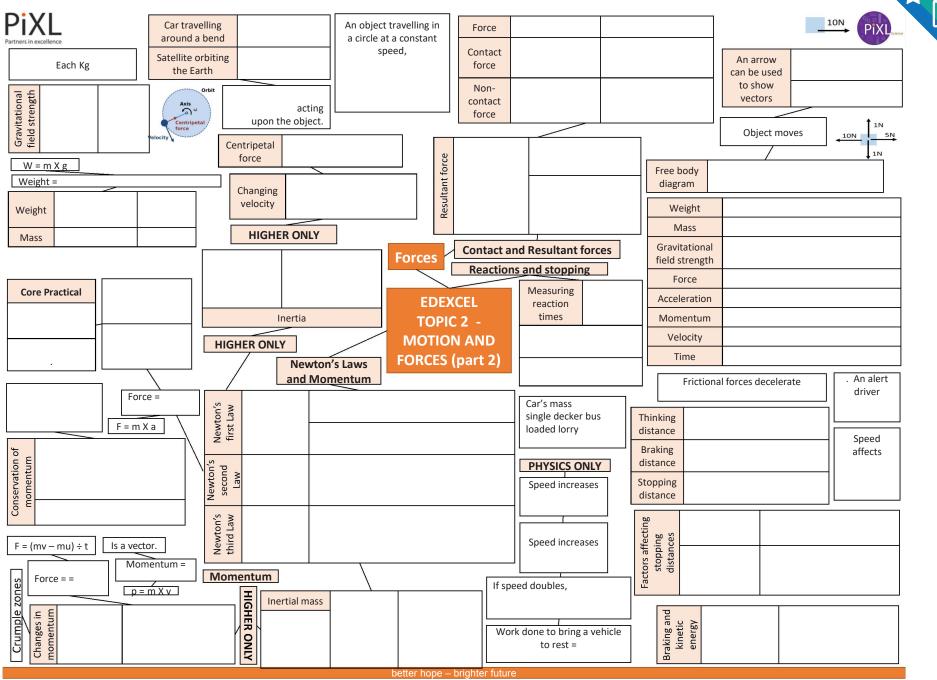


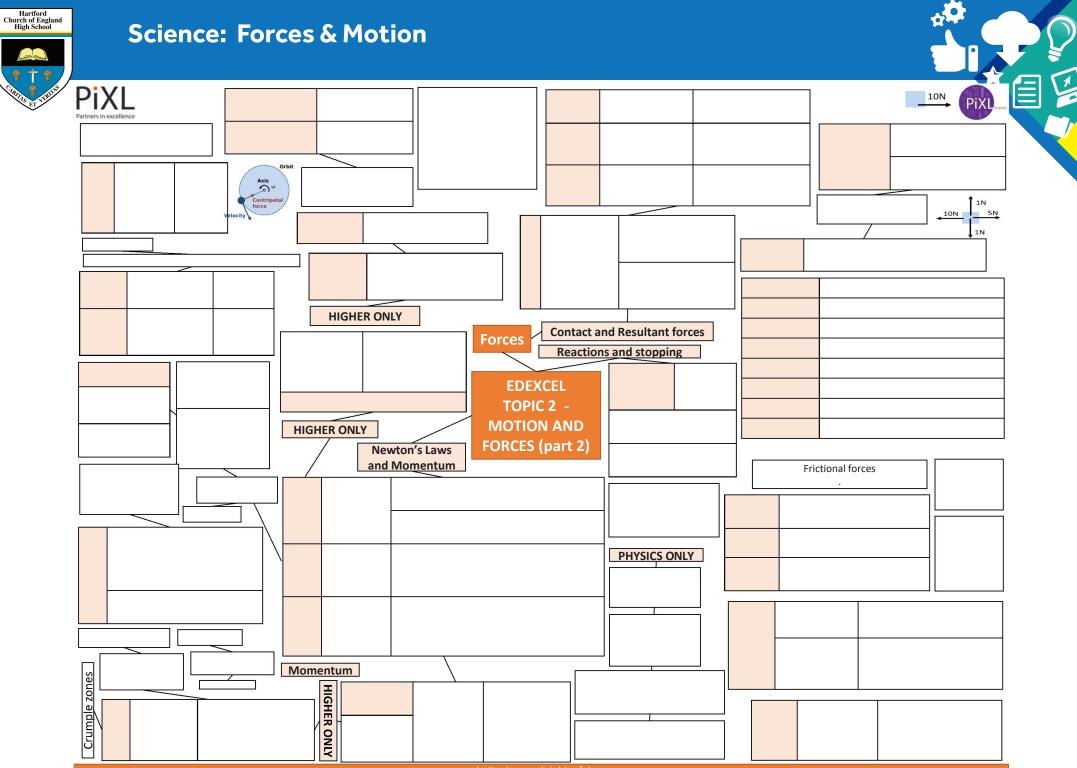
Science: Forces & Motion





Science: Forces & Motion











	ents in World War 2	Leaders			Coui	ntries invo	olved in WW2	
September 1 st 1939	Germany invades Poland.	Unite	ed	Germany			llies	Axis
September 3 rd 1939	Britain and France declare war on Germany (Start of WW2).	Kingd	om			USSR, Aus	in, France, tralia, Belgium,	Germany, Italy, Japan, Hungary, Romania,
January, 1940	Rationing introduced across the UK.	te				Denmark,	nada, China, Greece,	Bulgaria, Finland
May – June, 1940	Dunkirk evacuated and France surrenders to Germany. Germany uses blitzkrieg to take over much of Western Europe.	Born: 30th N	ov 1874	Born: 20th April 1889		Czechoslo Yugoslavia	lorway, Poland,	
July, 1940	Germany launches air attacks on Great Britain (The Battle of Britain and the Blitz begin) Germany, Italy and Japan sign the Tripartite Pact creating	Died: 24 th Ja "I am easily with the ver Winston Ch	satisfied ry best."	Died: 30 th April 1945 "Strength lies not in defence but in attack." Adolf Hitler		Africa		
December	the axis alliance. The Japanese attack the US					abulary		
7 th 1941	navy in Pearl Harbour. The next day, the USA enters the war fighting with the allies	Allies Evacuee	Someone v	which fought on Britain's sid who was evacuated. Moved fr as place to be safer.		tis Azi	Countries which fought on Germany's side. Member of a fascist German political party. They came to power in 1933.	
June 6 th 1944	D-day and the Normandy invasion. Allied forces invade	Black out		o lights were visible after da s can't be spotted.	irk Bl	itz	Aerial bombings on the UK, mainly cities including London, by Germany.	
	France and push back the Germans.	Rationing		lled distribution of limited such as food and clothing.	н	olocaust	Mass murder of Je by the Nazis.	ewish people and other groups
April 30 th 1945	Adolf Hitler commits suicide	Air raid shelter	Air raid A building to protect people from bomb shelter Made from corrugated iron usually foun			scism		al view associated with not on and total control by a
May 7 th 1945	Germany surrenders and Victory in Europe is declared the next day.	in people's gardens. Trenches A long narrow ditch used for troops to shelter from enemy attack.		BI	Blitzkrieg Translates to 'lightning war'. Germany's qu strike invasion of Western Europe.			
August 1945	Atomic bombs dropped on Hiroshima and <u>Nagaski</u> , Japan by the USA killing approximately 226,000 people.							
September 2 nd 1945	Japan surrenders signalling the end of WW2	र मात						
July 1954	Rationing ends in the UK	<u> </u>	chine used by mmunicate	Children being evacuat of London	ed out		ne Nazi party nbol	Supermarine Spitfire Mk 1, British fighter plane





Why was Northwich important during WWII? See if you can come up with at least THREE reasons.

Explain what the German Enigma machines were and why Alan Turing and his work was important to Britain's final victory

Explain who the Home Guard were

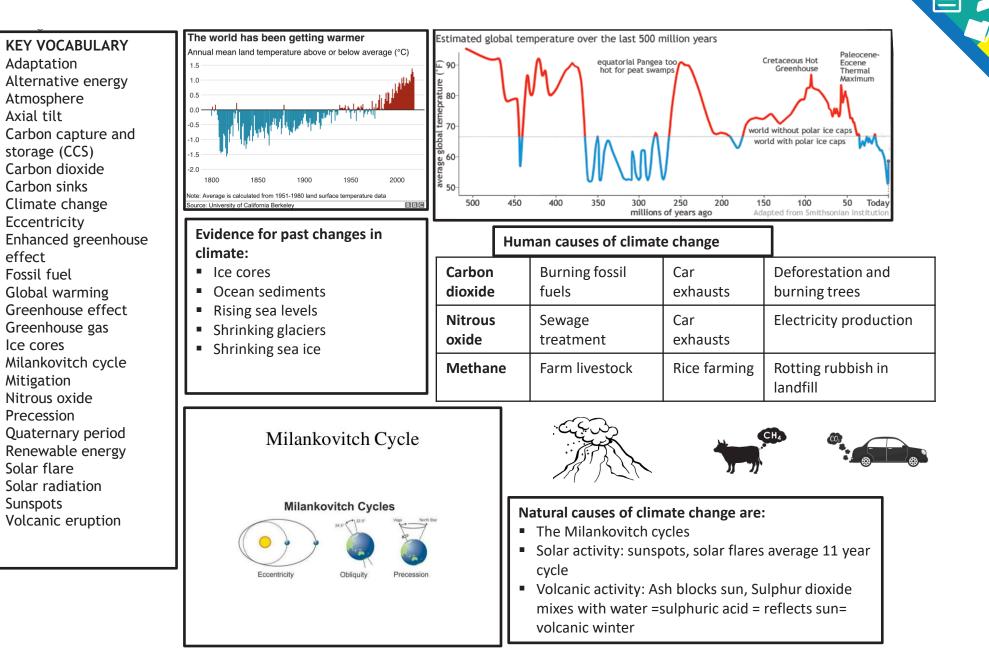
Research a member of your family who fought in the war and create a factfile about them

Geography

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Geography - Climate Change







Mitigating against climate change means reducing the impacts of climate change		Adapting to climate change means accepting that things will change and finding ways to alter what we do	
 Alternative energy sources: ➢ Solar, wind, ➢ hydroelectric. ➢ Nuclear Burring fossil fuels produces greenhouse gases so reducing thei 	 What are the global impacts of climate change? ▷ Lower crop yields ▷ Increased risks of drought and floods ▷ Increased heat related diseases ∽ Stronger tropical storms 	 Many changes will have to happen in <u>Agriculture</u>: Introduce drought resistant plants Use new irrigation systems Introduce water harvesting Plant trees for shade Change when you plant and sow seeds Managing <u>water supply</u> will become increasingly important: Harvesting water off glaciers in the summer and storing it so it freezes in winter ready to provide	
is important in reducing greenhous gas emissions Carbon capture:	 Increased desertification Wildlife extinction and changing migration Rising sea levels coastal flooding 		
Filtering carbon out of the air, diluting it water and injecting it into the ground so locked away	it is Can you identify social,	regular water supply in the summer as the ice melts	
Planting trees : Trees absorb CO2. The m we plant the more CO2 is locked away	ore economic and environmental impacts?	Managing <u>rising sea levels</u> : In the Maldives they have ➤ Built sea walls	
International agreements: 2005 in Kyoto 2009 in Copenhagen 2015 in Paris 2021 in Glasgow	A 1°C warming 2 2°C warming Dhaka Shanghal 38% 6% 76% 39% New York 23% 13% Rio de janeiro 24% 13% Buenos Aires 19% 8% * orby urban azglomerators with total 2010 populations exceeding 10 million are included in this analysis	 Houses on stilts Build artificial islands Restore coastal mangrove 	

statista 🗹

Religious Studies Ē



Religious Studies - Existance of God and Revelation

	Key Words					
Atheist	Someone who does not believe a God exists	Omnipotent	God's nature as all-powerful			
Benevolent	God's nature as all-loving and all-good	Omniscient	God's nature as all-knowing and aware of all that has happened past, present, future			
Faith	A commitment to God and religion that goes beyond proof	Personal	God's nature as merciful, compassionate and something humans can relate to			
General Revelation	God making themselves known through ordinary experiences open to all	Proof	Evidence that shows something is true or existent			
Immanent	God's nature as present in and involved in the world	Special Revelation	God making themselves known through extraordinary experiences			
Impersonal	God's nature as non-human, unknowable and mysterious	Theist	Someone who believes in a God or Gods			
Miracle	A remarkable event that cannot be explained by science alone	Transcendent	God's nature as beyond our understanding, existing outside the universe			

	Key Ideas			
Design Argument	The Design Argument argues that God must exist because the world around us is so intricate and well- designed that there must be an intelligent creator behind it. William Paley puts this forward in his Watchmaker's Argument that says if you found a watch in the grass you would not assume its intricate mechanism had come about by accident, you would assume someone had created it. The same applies for the world around us. It Atheists argue that nature and science are responsible for the world around us and that much of the so- called design is the result of chance and natural selection .			
First Cause Argument	The First Cause Argument was put forward by Thomas Aquinas and it argues that there has to be an uncaused cause that made everything else happen and that must be God. It argues that nothing moves without first being pushed and that God is the only possible being that can exist with no cause as God is eternal (never beginning, never ending) I Atheists argue that by this logic God must have a cause or that if God is eternal then the universe itself could be eternal as well.			
Argument from Miracles	The Argument from Miracles argues that miracles (a remarkable event seemingly only explained by God's actions) prove that God exists. They argue that these events (like Jesus walking on water or people coming back from the dead) cannot be explained by science and that they must be the result of God's intervention. Atheists argue that miracles are not more than happy coincidences and that they can be explained either by science or people being delusional or lying .			
Special and General Revelation	Special Revelation This is a form of revelation where God reveals themselves through remarkable experiences usually only open to one or a small group of people. These could be visions (seeing Mary, God or Jesus), dreams, miracles or hearing God's call directly. In the Bible Saul experiences a vision of Jesus on the Road to Damascus and this causes him to believe in God, change his name, and preach the Gospel	<u>General Revelation</u> This is a form of revelation where God reveals themselves through ordinary experiences which are open to all people to experience. This could be through nature where God's creation is revealed in the intricacy of the human eye or the beauty of the Grand Canyon. It could be through scripture , God reveals much information about themselves in the Bible.		
Nature of God	Omnipotent, Omniscient, Benevolent According to the Bible and Christian teachings, God is omnipotent (all-powerful), omniscient (all- knowing) and benevolent (all-loving).	Problem of Suffering This however leads to the Problem of Suffering. If God is all-powerful and all-loving why does so much suffering exist in the world? Some people see this as an argument against God's existence.		
?	Personal vs Impersonal Different Christians have different views on God with some seeing them as personal and some as impersonal. A personal God has human characteristics and Christians can form a relationship with them through prayer. An impersonal God is mysterious and unknowable and has no human characteristics. More like an idea or a force than a human being.	Transcendent vs Immanent They also disagree about God's place in the world. A transcendent God exists beyond and outside of life on earth and is not limited by the laws of physics or the rules of time and space. An immanent God is active and involved in life on earth and can play a role in events that happen here. This could be through the Holy Spirit answering prayers for example.		

Spanish





				Mis	Estudios
La Tecnología y Mis Opciones Las Aplicaciones		Las ventajas / La	as Desventajas Social networks/media The advantages are that	Mi asignatura favorita es Soy fuerte en Soy débil en	My favourite subject is I am strong in I am weak in
Me gusta usar Prefiero usar Mi aplicación favorita es	I like to use I prefer to use My favourite app is	Las ventajas son que Las desventajas son que Lo bueno es que Lo malo es que	The disadvantages are that The disadvantages are that The good thing is that The bad thing is that	Saco buenas notas en Apruebo mis exámenes en Suspendo mis exámenes en	I get good grades in I pass my exams in I fail my exams in
TikTok/Instagram/Whatsapp		Mi Orde	nador		nalidades
ہ Facebook/Spotify/You tube	Por qué?	En mi móvil	On my mobile	Soy comprensivo/a Soy creativo/a	I am understanding I am creative
Porque puedo Ya que se puede Dado que me chifla	Because I can Because you can Because I really love	En mi ordenador/computadora En mi portátil En mi Ipad Descargo música	On my computer On my laptop On my lpad I download music	Soy trabajador/a Soy hablador/a Soy paciente Soy fuerte	I am hardworking I am chatty I am patient I am strong
Ad	tividades	Chateo	l chat	Tra	ibajos
subir videos ver videos descargar música contactar a la familia escuchar música compartir fotos pasar el tiempo buscar información organizar salidas con amigos	 (to) upload videos (to) watch videos (to) download music (to) contact family (to) listen to music (to) share photos (to) pass the time (to) look for information (to) organise outings with friends 	Hago mis deberes Compro regalos Veo DVDs Uso Facebook/Uso Twitter Navego por internet Juego con los videojuegos Leo y escribo correos Comparto fotos Subo videos	I do my homework I buy gifts/presents I watch DVDs I use Facebook / Twitter I surf the Internet I play videogames I read and write emails I share photos I upload videos	Trabajo como camarero/a Trabajo de doctor/a bombero/a cocinero/a cartero/a profesor/a - maestro/a conductor/a peluquero/a abogado/a	I work as a waiter/waitress I work as a doctor Fireman/woman Chef Postman/woman Teacher Driver Hairdresser Lawyer
A	djetivos	Ayer		ingeniero/a	Engineer
muy práctico/a	very practical	En linea ayer	Online yesterday	Planes	del Futuro
bastante popular fácil a usar un poco útil gratis muy rápido/a a veces informativo/a entretenido/a peligroso/a adictivo/a te engancha una pérdida de tiempo amplio/a	quite popular easy to use a bit useful free very fast sometimes informative entertaining dangerous addictive it gets you hooked a waste of time wide ranging/reaching	Descargué música Chateé Hice mis deberes Compré regalos Vi DVDs Usé Facebook/ Twitter Navegué por internet Jugué con los videojuegos Leí y escribí correos Comparté fotos Subí videos	I downloaded music I chatted I did my homework I bought gifts/presents I watched DVDs I used Facebook / Twitter I surfed the Internet I played videogames I read and wrote emails I shared photos I uploaded videos	Cuando sea mayor Cuando termine mis exámenes Cuando tenga veinte años En el futuro voy a ir a la universidad me gustaría buscar un empleo trabajar como voluntario comprar una casa comprar un coche aprender a conducir casarme tener hijos ser azafata vivir en España	When I am olderWhen I finish my examsWhen I am 20 years oldIn the futureI am going to go to universityI would like to find a jobto work as a volunteerto buy a houseto buy a carto learn to driveto get marriedto have childrento be an air stewardto live in Spain



Spanish



	Present Tense (actions completed in the present)			
Infinitive (verb)	Take of the ending (AR/ER/IR)	Add the endings (I, YOU, HE/SHE, WE)		
ESTUDI AR	ESTUDI	ESTUDI O / COM O / VIV O (I STUDY / EAT / LIVE)		
COMER	СОМ	ESTUDIAS / COMES / VIVES (YOU STUDY / EAT / LIVE)		
		ESTUDIA / COME / VIVE (HE OR SHE STUDIES / EATS / LIVES)		
VIVIR VIV	VIV	ESTUDIAMOS / COMEMOS / VIVIMOS (WE STUDY / EAT / LIVE)		

	Preterite tense (actions completed in the past)			
InfinitiveTake of the ending(verb)(AR/ER/IR)		Add the following endings 'I' form (É/Í) 'We' form (AMOS/IMOS)		
VISIT AR	VISIT	VISIT É (I VISITED)	VISIT AMOS (WE VISITED)	
COMER	СОМ	COMÍ (I ATE)	COMIMOS (WE ATE)	
BEB ER	BEB	BEBÍ (I DRANK)	BEB IMOS (WE DRANK)	

Future Tense (actions that are going to happen)			
English	Spanish	Example	
I AM GOING TO	VOY A + INF.	VOY A ESTUDIAR / COMER / VIVIR	
YOU ARE GOING TO	VAS A + INF.	VAS A ESTUDIAR / COMER / VIVIR	
HE OR SHE IS GOING TO	VA A + INF.	VA A ESTUDIAR / COMER / VIVIR	
I WOULD LIKE TO	ME GUSTARÍA + INF.	ME GUSTARÍA ESTUDIAR / COMER / VIVIR	

YEAR 9 GRAMMAR MAT

Definite Articles (used to indicate that a noun is a noun (the)			
EL	EL THE		
LA	THE		
LOS THE			
LAS	THE		

Indefinite Articles (used to indicate that a noun is a noun (a, some)		
UN	Α	
UNA	A	
UNOS	SOME	
UNAS	SOME	

Opinions

(used to state preferences)

ME GUSTA	I LIKE (singular)	ME GUSTAN	I LIKE (plural)
ME ENCANTA	I LOVE (singular)	ME ENCANTAN	I LOVE (plural)
ODIO	I HATE	ME CHIFLA/N	I REALY LOVE
DETESTO	I HATE	NO AGUANTO	I CAN'T STAND
PREFIERO	I PREFER	DIRÍA QUE	I WOULD SAY THAT

Adjectival Agreement

(Adjectival agreement means that the adjective 'agrees' with the noun it's describing in gender and number)

El gatO viejO	The old cat
La chicA simpáticA	The nice girl
Los ojOS NegrOS	The black eyes
Las aulAS modernAS	The modern classrooms





French



to live in Spain

				n Mes é	tudes
Mes Choix Les	Applications	Les avantages /	Les inconvénients Social networks/media	Je suis fort(e) en	My favourite subject is I am strong in
J'aime utiliser Je préfère utiliser Mon application préférée est	I like to use I prefer to use My favourite app is	L'avantage c'est que L'inconvénient c'est que Le positif c'est que Le négatif c'est que	The advantage is that The disadvantage is that The positive thing is that The negative thing is that	J'ai de bonnes notes en Je réussis mes examens de J'échoue à mes examens de	I am weak in I get good grades in I pass my exams in I fail my exams in
P	Pourquoi?	Mon or	dinateur	Persor	
parce que je peux parce qu'on peut parce que j'aime beaucoup	because I can because you can because I really love	Sur mon portable Sur mon ordinateur Sur mon ordinateur portable Sur mon ipad	On my mobile On my computer On my laptop On my Ipad	Je suis créatif/ive Je suis travailleur/euse Je suis bavard/e	I am understanding I am creative I am hardworking I am chatty I am patient
	Activités				I am strong
télécharger des vidéos regarder des vidéos télécharger de la musique contacter la famille écouter de la musique partager des photos passer du temps checher de l'information organiser des sorties	 (to) upload videos (to) watch videos (to) download music (to) contact family (to) listen to music (to) share photos (to) pass the time (to) look for information (to) organise outings with friends Adjectifs	Je télécharge de la musique Je tchatte Je fais mes devoirs J'achète des cadeaux Je regarde des DVDs J'utilise Facebook/Twitter Je surfe l'internet Je joue aux jeux-vidéos Je lis et écris des emails Je partage des photos Je télécharge des vidéos	I download music I chat I do my homework I buy gifts/presents I watch DVDs I use Facebook / Twitter I surf the Internet I play videogames I read and write emails I share photos I upload videos	Emp Je travaille comme serveur/serveuse Je travaille comme médecin pompier/pompière chef facteur/factrice professeur/professeure chauffeur/chauffeuse coiffeur/coiffeuse avocat/avocate ingénieur/ingénieure	blois I work as a waiter/waitress I work as a doctor fireman/woman chef postman/woman teacher driver hairdresser lawyer engineer
très pratique very practical		н	lier	ingénieur/ingénieure engineer Projets pour l'avenir	
assez populaire facile à utiliser un peu utile gratuit(e) très rapide Informatif/informative divertissant(e) dangereux/dangereuse addictif/addictive on devient accro une perte de temps efficace	quite popular easy to use a bit useful free very fast informative entertaining dangerous addictive you become hooked/addicted a waste of time effective	En ligne hier J'ai téléchargé de la musique J'ai tchatté J'ai fait mes devoirs J'ai acheté des cadeaux J'ai regardé des DVDs J'ai utilisé Facebook/Twitter J'ai surfé l'internet J'ai joué aux jeux-vidéos J'ai lu et écrit des emails J'ai partagé des photos	Online yesterday I downloaded music I chatted I did my homework I bought gifts/presents I watched DVDs I used Facebook / Twitter I surfed the Internet I played videogames I read and wrote emails I shared photos	Quand je serai plus âgé Quand je finirai mes examens Quand j'aurai vingt ans À l'avenir Je vais aller à l'université Je voudrais trouver un emploi traviller comme volontaire/bénévole acheter une maison acheter une voiture apprendre à conduire me marier	When I am older When I finish my studies When I am 20 years old In the future I am going to go to university I would like to find a job to work as a volunteer to buy a house to buy a car to learn to drive to get married
		J'ai téléchargé des vidéos	I uploaded videos	avoir des enfants être steward/hôtesse de l'air	to have children to be an air steward



French



Present Tense of regular verbs (actions completed in the present)		
Infinitive (verb)	Take of the ending (ER/IR/RE)	Add the endings (I, YOU, HE/SHE, WE)
ÉTUDI ER	Add the following	J'ÉTUD <mark>IE</mark> / TU ÉTUDI <mark>ES</mark> / IL/ELLE ÉTUDI <mark>E/</mark> ON ÉTUDI <mark>E</mark>
FINIR	endings:	JE FINIS / TU FINIS/IL/ELLE FINIT/ON FINIT)
		J'ATTEND <mark>S</mark> /TU ATTEND <mark>S</mark> /IL/ELLE ATTEND/ON ATTEND
ATTEND RE		

Past tense (actions completed in the past)

Infinitive (verb) ER, IR and RE verbs	Write J'Al first	Add the past participle
VISIT ER	J'AI VISIT <mark>É</mark> (I VISITED)	NOUS AVONS/ON A VISITÉ (WE VISITED)
FINIR	J'AI FIN <mark>I</mark> (I FINISHED)	NOUS AVONS/ON A FINI (WE FINISHED)
ATTEND RE	J'AI ATTEND <mark>U</mark> (I WAITED)	NOUS AVONS/ON A ATTEND <mark>U</mark> (WE WAITED)

The IMMEDIATE FUTURE (actions you are going to do soon)

Choose 1 Key Phrase	Add Any Infinitive (verb) ER/IR/RE Ending
Je vais (I am going)	ER - NAGER (to swim) JOUER (to play) DANSER (to dance)
Nous allons (We are going)	VISITER (to visit)
Je voudrais (I would like)	 IR – FINIR (to finish) CHOISIR (to choose) SORTIR (to go out) RE – BOIRE (to drink) FAIRE (to do) PRENDRE (to take)
Nous voudrions (We would like)	

YEAR 9 GRAMMAR MAT

Definite Articles
(used to indicate that
a noun is a noun (the)

Indefinite Articles (used to indicate that a noun is a noun (a, some)

LE	THE (m/s)
LA	THE (f/s)
LES	THE (pl)

UN (m/s)AUNE (f/s)ADES (pl)SOME

Adjectival Agreement

(Adjectival agreement means that the adjective 'agrees' with the noun it's describing in gender and number)

Il est grand	He is tall
Elle est grandE	She is tall
Ils sont grandS	They are tall (males)
Elles sont grandES	They are tall (females)

The **SIMPLE FUTRE** (actions you **WILL** do)

Infinitives	Add an AI to ER and IR infinitives	
JOUER (to play)	AI	l will play (Je jouer ai)
FINIR (to finish)	AI	l will finish (Je finir ai)

RE verbs and irregular verbs are an exceptions to this rule.





IT

Programming

Programming is a set of instructions a computer uses to work and run correctly and efficiently. Without Programming most technology wouldn't exist!



Python is a high level programming language

We are going to continue using an IDE to write and produce code in IT this term.

Data Types

Definition	
Text eg: "Hello"	
Whole number eg: 32	
Decimal number eg: 1.2	
Two values eg: true or false	
A single character eg: b	

Debugging



If you have a syntax error look for errors in your:

- Spelling
- PunctuationCapitals
- Indentation
- Use of functions

IDE	Integrated development environment
Debugging	Getting rid of an error within a programme.
Algorithm	A method of planning a programme either using Pseudocode or a flowchart.
Flowchart	A combination of shapes and arrows to demonstrate a process within a programme
Pseudocode	A planning method used to write code where both English and short script code is used. It is basically "fake code"
While Loop	A programme that repeats while the condition being tested is true.
Iteration	Where something repeats several times. This occurs within a loop.
Syntax error	The most common error in python where the programme doesn't understand the code and can therefore not run it.
Logic Error	Logic errors in a program are mistakes in the algorithm you have devised to perform the required task
Counter	Counter variable to say how many times the user attempted the question
Compiler	A compiler or interpreter to translate your program into machine code
Error diagnostics	Used to point out syntax errors
Searching	A process used in python to find a specific piece of data.
Sorting	Where you organise data in a way that allows the user to search/find information easier.

Key terms





Portrait

Deliberate Practice

- Artist research produce a google slide on an artist of your choice. Consider the style of the works, the techniques used and the way that the portrait is depicted.
- Select your preferred style and produce research page on this artist.

Key Vocabulary

Self portrait, Proportion, Iris, Symmetry, Profile, Character Expression ,Tone, Form

Proportion

one eye length in between eyes





Great You Tube Video to help you understand proportions.

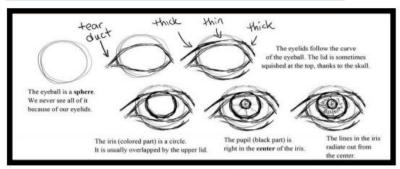
https://www.youtube.com/watch?v=WROSZ6803cE

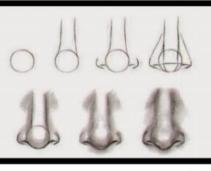
crown of head to eyes equals half of head's length

nose is about halfway between eyes and chin

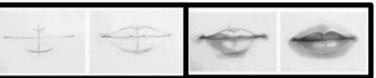
mouth is halfway between nose and chin

Portrait - a painting, drawing, photograph, or engraving of a person, especially one depicting only the face or head and shoulders.









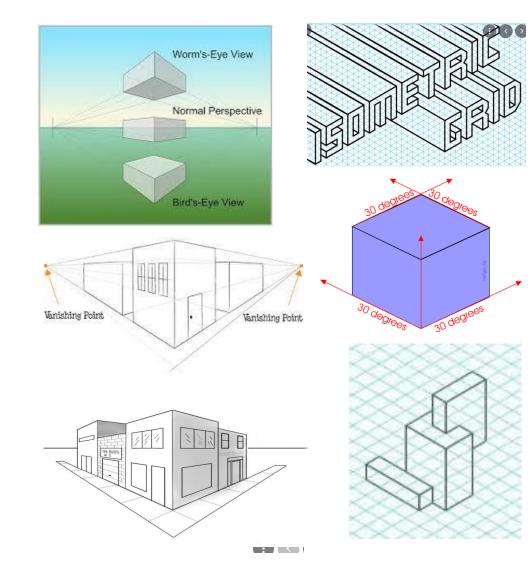
Deliberate Practice- Drawing

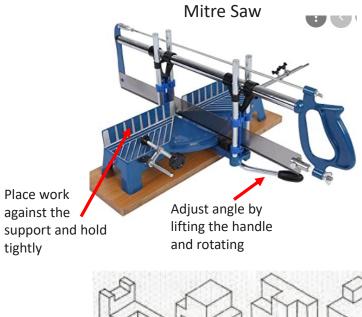
- Practice drawing features of the face with accuracy Add tone through blending.
- 1. Draw an eye
- 2. Draw a nose
- 3. **Draw** lips

Design Technology

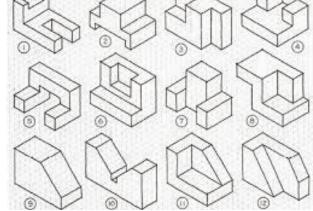


Design & Technology - Control



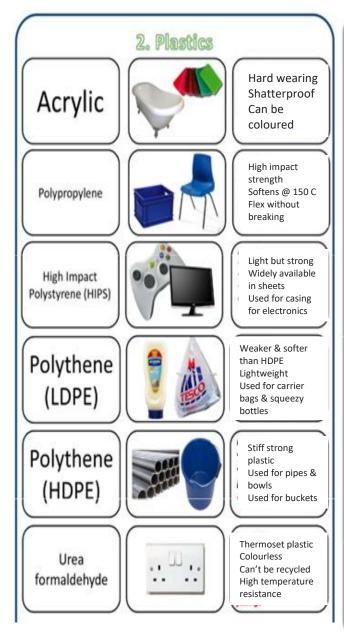


Now try these

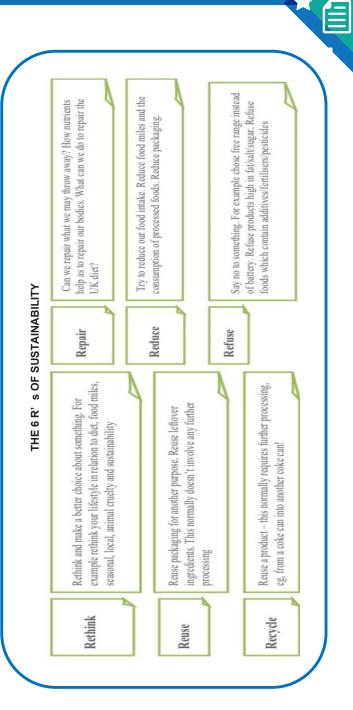




Design & Technology - Resistant Materials



L. CAD Compute Advantages of CAD	Disadvantages of CAD
Designs can be created,	CAD software is complex to
saved and edited easily,	learn
saving time	
Designs or parts of designs	Software can be very
can be easily copied or	expensive
repeated	11
Designs can be worked on	Compatibility issues with
by remote teams	software
simultaneously	- A-020-0 (199-0-1992)
Designs can be rendered to	Security issues - Risk of data
look photo-realistic to	being corrupted or hacked
gather public opinion in a	-
range of finishes	3 2D°
CAD is very accurate	SolidWorks OESIGN
CAD software can process	
complex stress testing	CAD Software
	Aided Manufacturin
Advantages of CAM	Disadvantages of CAM
Quick – Speed of	Training is required to
production can be	operate CAM.
increased.	operate crim.
Consistency – All parts	High initial outlay for
manufactures are all the	machines.
ame.	
Accuracy – Accuracy can be	Production stoppage - If the
greatly improved using	machines break down, the
CAM.	production would stop.
CAIVI.	
	Social issues . Areas can
Less Mistakes – There is no	Social issues . Areas can decline as human jobs are
Less Mistakes – There is no human error unless pre programmed.	
Less Mistakes – There is no human error unless pre programmed.	decline as human jobs are
Less Mistakes – There is no human error unless pre programmed. Cost Savings – Workforce	decline as human jobs are
Less Mistakes – There is no human error unless pre programmed. Cost Savings – Workforce	decline as human jobs are
Less Mistakes – There is no human error unless pre programmed. Cost Savings – Workforce can be reduced.	decline as human jobs are



Food Technology



Food Technology

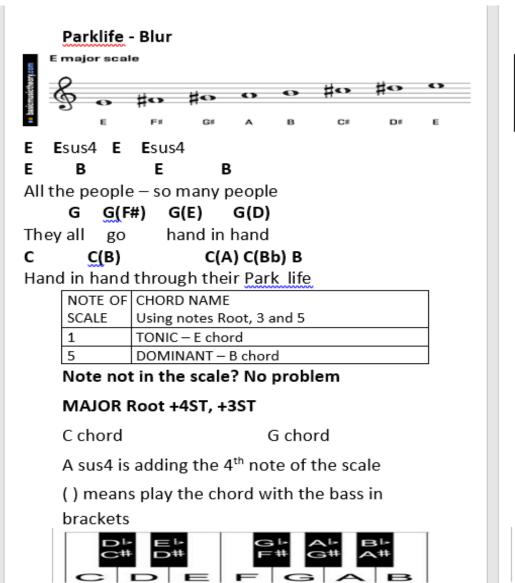


dified (GM) foods genes altered to give





Music - Britpop- Topic Two



Don't Look Back In Anger Oasis C major scale C р B С G С G Am E7 F. Slip inside the eye of your mind don't you know you might find С Am G С G Am A better place to play You said that you'd never been **E**7 F G But all the things that you've seen slowly fade away

÷		
	NOTE OF	CHORD NAME
	SCALE	Using notes Root, 3 and 5
	1	TONIC – C chord
	4	SUBDOMINANT – F chord
	5	DOMINANT – B chord
	6	MINOR – A minor

Note not in the scale? No problem

MAJOR Root +4ST, +3ST

The above method would give you E minor but we need E major! E7 add a flattened 7th





Word	Definition	In a sentence	Synonyms
Accompanies	Verb: be present	The chordal piano part accompanies the	Goes along with
		vocal line	
Bold	Adjective: something courageous;	I admired the fact he used his song to	Brave
	it goes against what is expected.	speak over the music about British	
		values.	
Heartfelt	Adjective: moving, resonate.	The slow tempo, impassioned vocals and	Genuine
		increasing dynamics were heartfelt.	
Nostalgic	Adjective: remembering moments	I am a huge fan of Oasis. Their nostalgic	Reminiscent
	from the past	style of music reminds me of when I was	
		a child.	
Repetitive	Adjective: something which	This seems straightforward to learn due	Monotonous
	repeats itself	to the repetitive nature of each part.	
Represents	Verb: amounting to	The lyrics and music video represent	Depicts
		British stereotypes such as drinking tea,	
		mentioning the Queen.	
Riff	Noun: a repeated musical patter	The bass riff accompanies the melodic	Ostinato
		line	
Upbeat	Something upbeat is optimistic in	The audience prefers the songs have an	Cheerful
	nature and cheerful. It brings good	upbeat, fast, tempo, major tonality and a	
	energy and good vibes. Essentially,	lively feel to it.	
	it is very lively.		
Uplifting	Adjective: inspiring happiness,	"That was the perfect song to put in that	Inspiring
	optimism or hope	scene. The uplifting melodies really	
		helped bring the scene to life!"	

Drama

Drama

Hartford Church of England High School



	YEAR 9 DRAMA KNOWLEDGE ORGANISER				
	TERM 1 – The Power of Theatre in Education				
Theatre in Education	Theatre in Education (TIE) originated in Britain in 1965 and has continued into the present day. TIE typically includes a Theatre Company performing in an educational setting (e.g. a school) for youth including interactive performances. The aim of TIE is to educate students through Drama, to explore important and/ or relevant issues.				
Verbatim Theatre	Verbatim theatre is a form of documentary theatre that is based on the spoken words of real people. Strictly, verbatim theatre- makers use real people's words exclusively, and take this testimony from recorded interviews.				
Too Much Punch For Judy	Written by Mark Wheeler in 1988, this hard-hitting verbatim play is based on a tragic drink drive accident that results in the death of the vehicle's front seat passenger, Jo. Her sister Judy, driving the car, escapes physically unhurt - but can never escape the consequences of her own reckless behaviour.				
Mark Wheeller	Mark Wheeller is a writer and part time Executive Director of Arts at the Oasis Academy Lord's Hill and director of the Oasis Youth Theatre. Although his name is not well known outside of schools and colleges, he is one of the most-performed playwrights in Britain.				
Dramatic Techniques					
Marking the Moment	 This is a way of highlighting the most important moment in a scene in order to draw the audience's attention to its significance. There are various ways of marking the moment: A still image might be used. Freezing the action at a particular moment fixes it in the minds of the audience and ensures its significance is not lost. The key moment may be repeated or played 'on a loop'. Slow motion could be used to highlight a key moment, so that it is not lost on an audience. Narration or a thought-track could be added as a commentary on what has just occurred. Lighting and sound. A spotlight can be used to direct the audience's focus towards the key moment and a sound effect can also draw attention to it. 				
Conscience Alley	A useful technique for exploring any kind of dilemma faced by a character, providing an opportunity to analyse a decisive moment in detail. The class forms two lines facing each other. One person walks between the lines as each member of the group speaks their advice. It can be organised so that those on one side give opposing advice to those on the other. When the character reaches the end of the alley, they make their decision.				
Slow Motion	During part of a performance, the action is deliberately slowed. Often this is used to focus on a particular part of the improvisation. Sometimes scenes such as fights or races are shown in slow motion to give more visual impact.				
Cross Cutting	Cross-cutting is a device to move between two or more scenes staged in the space at the same time. It's important that the audience know which part of the action they should follow so one part of the action remains in still image while another scene is played out, directing the audience's focus.				