



Helping you to Master the Minimum!

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What are Knowledge Organisers?

A Knowledge Organiser specifies the essential knowledge that you need to memorise and retain for a unit of work. It is contained on a single A4 page and organised in a way to aid learning. The knowledge they contain are the building blocks of effective learning; it does not include everything you could and should know about a unit of work but the essential knowledge that you need to memorise.

This booklet contains all of the Knowledge Organisers for the units you will study in your subjects between September and Christmas.

Why are Knowledge Organisers important?

At secondary school you will study complex ideas and be asked to think in an analytical way; this is what makes learning an enjoyable process. To be able to think about difficult problems and question new ideas, you need know core factual detail to help you think critically. For example, if you have memorised your times tables your brain can focus on a complex Mathematics problem rather than working out 9 x 4. Being confident in your knowledge of the basics frees up your brain to focus on the complex.

Once you have a secure knowledge of a unit of work, future learning is easier. Cognitive Scientists, who study how memory works, have shown us that we learn new information by linking it to knowledge we already have. The more knowledge we have, the easier it is to learn.

Knowledge Organisers are also useful as a reference point if you are struggling to remember information in a lesson or if you have been absent in a lesson. They will help you to be more effective learners.

How to use Knowledge Organisers effectively

Just having a Knowledge Organiser stuck into your exercise book or having this booklet in your bag will not help your learning.

You need to spend time, both in lessons and at home, memorising the content within them. Your teachers will help you do this by using them in lessons and setting homework tasks based upon them. Learning information can be uncomfortable and difficult but that is okay. That is how we improve.

Making sure we remember knowledge in the long term requires some hard work. You are probably confident with your Times Tables because your primary school teachers tested you on them regularly and you played online games to test yourself. The reason this works, is because you have been doing something called **retrieval practice**. Through the act of remembering, our memory is strengthened and forgetting is less likely. Every time you have to remember information it changes the original memory to make it stronger.

Retrieval Practice techniques you can use at home:

Look, Cover, Say, Write, Check

• Exactly as it sounds. Look at a section of the Knowledge Organiser, cover the information you are trying to remember, say it aloud or write it down and then check you are correct. Keep doing this until you consistently get the answers correct. This works particularly when learning new vocabulary.

Quizzing

• Write your own quiz questions based on the information on your Knowledge Organiser. You could work with your peers or those you live with to quiz you until you have memorised the information.

Flash Cards

 Create your own set of flash cards. Write a question on one side and the answer on the other. You could even create these online using <u>quizlet.com</u>

Mind Dump

• Write down all of the key information you can remember on a topic or unit of work. Compare this to your Knowledge Organiser to see if there is anything you have missed.

Make sure that you carry out these memorising strategies regularly. Can you remember what you did last week, last month, last term? The more often you recall information from your memory, the stronger that memory becomes.

KNOWLEDGE Art & Design Textiles: Woven Landscapes

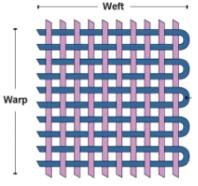
Skills and Techniques

- 1. Drawing, recording and mark making.
- 2. Loom set up and creating a Warp.
- **3**. Experimenting and planning fabric designs.
- 4. Weaving techniques such as Plain Weave, Pile Weave and Soumak.
- 5. Weave finishing techniques.

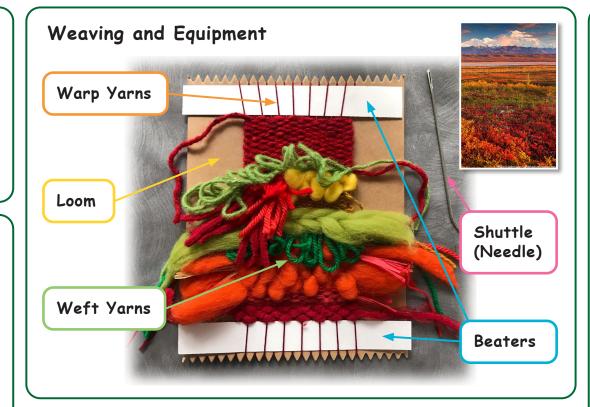
Woven Fabric Structure

Warp and Weft are the two basic components used in weaving to turn thread or yarn into fabric. The warp thread forms the main foundation of the fabric, while the weft threads pass under and over in different combinations to give the fabric colour pattern and

texture.



In woven fabric Warp yarns are the vertical threads and Weft yarns are horizontal threads.



Key Words

- 1. Weave/Woven: To form a fabric structure by interlacing threads passing in one direction with others at a right angle to them.
- 2. Texture: The appearance of a surface. This could refer to an object's physical appearance or how an artist creates the illusion of texture using different techniques.
- **3. Tension:** The tightness of threads in fabric, especially the weft yarns.

Weaving Techniques in Order of Difficulty...

- 1. Plain Weave
- 2. Tabby Weaving
- 3. Pile Weaving
- 4. Tassels
- 5. Rye Knots
- **6**. Soumak

Idea/Context Marie Louise Fijneman

A Dutch Textile artist who mostly specialises in large scale woven wall hangings.





Fijneman pieces celebrate the abundance of nature in all its many colours and structures.

YEAR 9
KNOWLEDGE
ORGANISERClassicsLatin

Key Vocabulary

	STAGE 12	
1	amittit	loses
2	complet	fills
3	custodit	guards
4	duo	two
5	epistula	letter
	flamma	flame
8	fortiter	bravely
	frustra	in vain
10	fugit	flees
11	fundus	farm
12	iacet	lies
13	iam	now
14	igitur	therefore
15	mirabilis	strange, extraordinary
16	mittit	sends
17	mons	mountain
18	optime	very well
19	paene	almost
20	sentit	feels
21	tandem	at last
22	templum	temple
23	terra	land, ground
24	timet	fears, is afraid
25	tres	three
26	unus	one

	STAGE 13			STAG
1	advenio, advenire, adveni	arrive	1	aliqui
2	aedificium	building	2	apud
3	aeger	sick	3	attoni
4	alter	the other, the second	4	aula
5	canto, cantare,	sing	5	cotidi
	cantavi			decor
6	ceteri	the others	8	deleo,
7	custos	guard		delevi
8	dico, dicere dixi	say		deus
9	excito, excitare, excitavi	arouse, wake up	10	diffici
10	fessus	tired	-11	dilige
11	interficio,	kill	12	domin
	interficere, interfeci		13	donun
12	ita vero	yes	14	fidelis
13	nolo	I do not want	15	ipse, i
14	novus	new		• •
15	nullus	no, not any	16	iste
16	possum	l am able, can	17	marit
17	ruo, ruere, rui	rush	18	neces
18	se	himself	19	num?
19	traho, trahere, traxi	drag	20	quam
20	vita	life	21	quam
21	volo	l want	22	-que
22	vulnero, vulnere,	I wound	23	rex
	vulneravi		24	ubi

AGE 14	
iquid	something
ud	among, at the house of
tonitus	astonished
ıla	palace
tidie	everyday
corus	proper, right
leo, delere, levi	destroy
us	god
fficilis	difficult
ligenter	carefully
omina	mistress
num	gift
lelis	faithful
se, ipsa	himself/ herself
te	that
aritus	husband
cesse	necessary
ım?	surely not
iam	how
amquam	although
ue	and
x	king
)i	when

Grammar constructions

- Irregular verbs nolo, volo and possum + infinitive (present, imperfect and perfect tenses)
- 2 Difficile/necesse/decorum est + infinitive

1	2	3	4
- ARE	- ERE	- ERE	- IRE

Agreement of adjectives – Adjectives agree with the noun they describe in gender, number and case

Relative clauses

3

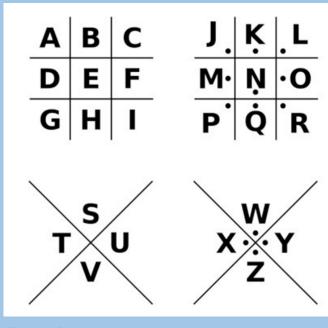
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Relative pronouns (qui,quae,quod)

	М	F	N
Nom sing	qui	quae	quod
Acc sing	quem	quam	quod
Gen sing	cuius	cuius	cuius
Dat sing	cui	cui	cui
Nom plural	qui	quae	quae
Acc plural	quos	quas	quae
Gen plural	quorum	quarum	quorum
Dat plural	quibus	quibus	quibus

VEAR 9 Computer Science Back to the Future

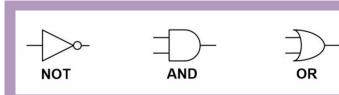
Pig Pen Cipher







Logic Gates



H	HTML Tags			
1	HTML	Hyper- <mark>Text</mark> -Markup- Language		
2		Img means <mark>image</mark> . We use this tag to add an image.		
3	<hr/>	Makes a line across the page.		
4		Changes the font style of certain text.		
5		Makes a hyperlink. Links the webpage to another one.		
6		Makes a <mark>paragraph</mark> on the page.		
7	<h1></h1>	Creates a heading 1 piece of text. Larger than a paragraph.		
8		Creates a <mark>space</mark> on the page.		

Caesar Cipher

2

Examples:

- Right Shift 2 $AEG \rightarrow CGI$
- Left Shift 3 MPR \rightarrow JMO

Famous Computer Scientists		
1	Tim Berners-Lee	Made the WWW (not the internet).
2	Charles Babbage	Invented the Difference Engine.
3	Alan Turing	Beat the German Enigma code in the 2 nd World War.
4	George Boole	Discovered human thought could be understood by maths.

Common Misconceptions

- Web browsers are used to understand the HTML of a page, and display it. E.g. Edge, or Chrome. It is NOT FOR SEARCHING.
- 2 Search engines are what we use to search the internet. E.g. Bing, Google, etc.
- 3 COLOUR is spelt WRONG in HTML. You have to spell it the AMERICAN way -COLOR.

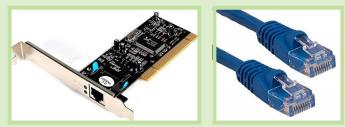
ABCDEFGHIJKLMNOPQRSTUVWXYZ

Computer Science Networks

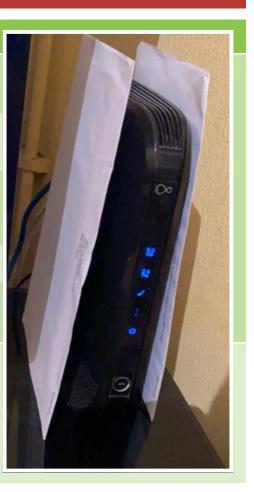
Ke	Key Terms		
1	ISP	Internet Service Provider – The company that gives you your internet. E.g. Virgin, Sky etc.	
2	WAN	Wide Area Network – Large geographical area + owned by telecoms companies.	
3	LAN	Local Area Network – Small geographical area + owned by organisation.	
4	IP address	Internet Protocol Address – Unique number given to all computers on a network.	
5	DNS	Domain Name System – Finds website using the web address (fetches IP in the background).	
6	Internet	lt's a network of networks, and is classed as a WAN.	

Network Hardware (Devices)

1	Switch	Smart device – sends packets to nodes quickly. Is expensive.
2	Hub	Dumb device – sends packets to nodes slowly. Is cheap.
3	Node	Any device connected to a network. E.g. iPhone, computer etc.
4	NIC	Network interface card.
5	Router	Allows LAN to connect to internet (WAN).



portable. E.g. Wi-Fi.







Data Transfer Media 1 Wired Faster, more secure, but more expensive. E.g. Ethernet. 2 Wireless Slower, cheaper,

YEAR 9

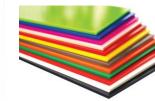
D&T Industrial Production (CT)



Tools/ Machine Tools

1	Belt / Rotary sander	Machine used to remove waste material and smooth wood.
2	Buffing Spindle	Machine tool for polishing plastic and metal components using specific wheel and polish type. Plastic requires white resin polish.
3	Centre Lathe	Machine tool used to create (metal) parts usually round in section. Most versatile machine in a workshop. Process is called turning.
4	File	Removes waste on sheet metal. Used to help shape and smooth edges.
5	Jig-fixture	Tool that holds the job and guides the cutting tool for repeat accuracy without the need to mark out.
6	Polishing/ Buffing cloth	Soft cotton cloth used to apply and remove metal and acrylic polish when the process is done by hand
7	Pillar drill	Universal machine used for drilling holes with jig
8	Profile Gauge	Quality Control device to check shape of a made component.
9	Quality Assurance	What can be done prior to making to ensure quality happens, can include training, equipment facilities etc Pro-active process.
10	Quality Control	Checking a component after it has been made in terms of size, shape and finish. Reactive process.
11	Smoothing plane	Cutting curves. Larger blade teeth for wood and smaller teeth for metal/plastic.
12	Template	Quality Assurance device for marking out multiple copies of a given irregular shape. Can be made from paper, wood or metal.
13	Varnish	A Water or oil based clear protective coating for wood.
14	Wet and Dry	Waterproof fine abrasive paper for removing file marks prior to polish and buff.







Aluminium / Duralumin bar 25mm dia.

Acrylic Thermoplastic / Polymer

Scots pine - A straightgrained softwood but knotty. Light in colour. Fairly strong but easy to work with. Cheap and readily available.



Buffing Spindle

Bandsaw



Varnish



Centre Lathe







Circular saw









Belt sander

Smoothing Plane

Letter stamps 8

YEAR 9

D&T Industrial Production (CT)



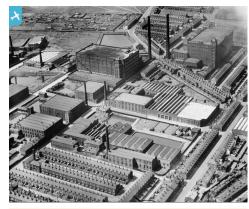
Key Vocabulary

	y vocabulary	
1	Automation	Industrial Production using robots and CNC on production lines.
2	CNC	Computer numerical Control – machines controlled by computers
3	Division of Labour	Dividing the jobs required to make a product amongst a similar number of workers.
4	Industrial Revolution	The beginning of the modern world where mechanisation in Britain created the factory production system. 1750-1900 approx.
5	Infrastructure	Roads, railways, national grid, water supply, emergency services of a developed country made possible by wealth created from industry.
6	Model T Ford	World's first mass produced car, which was to dictate how the (western) world was to develop through the 20th. Century.
7	Moving Production Line	Pioneered by Henry Ford, the product to be assembled comes to the worker on a conveyor belt.
8	Post Industrial	Modern world after the Industrial Revolution , combining traditional manufacturing with new technologies including computing and AI.
9	Productivity	The amount that can be achieved in a given amount of time. High productivity produces increased wealth.
10	Richard Arkwright	The world's first modern industrialist, inventing the factory system and paid shift work. Cromford Mill Derbys.1771.
11	Scales of Production	The chosen level of organisation to manufacture a given quantity of product. There are 4 SoP: Jobbing ,Batch, Mass, Continuous
12	Spinning Jenny	The first machine to truly industrialise production. Invented in 1765 by James Hargreaves. Jenny is a development of the word engine.
13	Textiles	The first industry in the world to be industrialised, encompassing the spinning and weaving of cotton, incl. wool and sink and lace.
14	Workshop of the World	Name used to describe Britain during the Industrial Revolution





Spinning Jenny 1765



Lancashire Textile mills – Ind Rev.



Automated production line



Worlds first mass produced car: Model T Ford 1908 - 1927





YEAR 9 KNOWLEDGE

ORGANISER

Food Topic 1: Diet & Health

Peanuts

Cereals

containing



Key Vocabulary

2	Nutrients	The components that make up food
3	Healthy diet	A diet that is low in fat, salt and sugar and high in fibre
4	Health condition	Different health conditions affect what you should eat more or less of.
5	Obesity	Being very overweight, carrying more fat than is healthy
6	Processed food	A food that has been altered to enhance its properties. E.g. – added preservatives, added sugar or fat etc
7	BMI	Body Mass Index. The calculation used to find out if a person is a healthy weight.
8	PAL	Physical Activity Level – How much exercise and movement a person does each day
9	Food labelling	A set of rules that all manufacturers must follow when printing their packaging for foods.
10	Energy balance	Where we take in as much energy in the food we eat as we are using up in our daily activity.
11	Nutrient deficiency	Lacking in a particular nutrient causing health issues
12	Food allergy	When someone suffers an immediate reaction to a food. Can be life threatening.
13	Food intolerance	A reaction to food. Not usually life threatening. E.g. Coeliac disease (gluten) or lactose intolerance (milk sugar)

Special diets - Coeliac disease (gluten intolerance), Diabetes, Coronary heart disease, high-fibre diet, low fat diet, vegetarian diet, vegan diet.

14 Food allergens (UK) Molluscs Nuts Crustaceans Fish (Shellfish) (Shellfish) Mustard Soya Celery Sesame seeds



<i>j</i>	
	8 tips for eating well
	 Base your meals on starchy foods Eat lots of fruit and veg
g.	 Eat more fish - including a portion of oily fish each week
	 Cut down on saturated fat and sugar Eat less salt – no more than 6g a day for adults Get active and be a healthy weight
ר) or	7. Don't get thirsty 8. Don't skip breakfast



What information must be on a food label?

•List of ingredients and the quantity of key

•Durability date (use by or best before dates)

•Name and address of the food business

•The name of the food.

•Net quality of the food.

•Nutritional information.

Storage and instructions for use.

ingredients.

•Allergens.

operator.



Dioxide



EpiPen Jr / EpiPen

Energy **Balance**

Balanced weight



The traffic light system on food packaging helps us to make healthier choices. GREEN - food is low in fat, saturated fat, sugars or salt.= Healthy option.

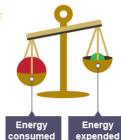
AMBER - food contains a medium amount of fat, saturated fat, sugars or salt. Eat in moderation.

RED – food contains HIGH amounts of fat. saturated fat, sugar or salt. Beware!





Weight gain



YEAR 9

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FOOD Topic 2: Food provenance, food choice & sustainability



Reasons for food choice Key Vocabulary There are many factors that affect what we choose to eat: Food Knowing where food is grown, reared or caught, produced and Medical conditions/allergies Christianity Islam Buddhism Judaism Hinduism transported. provenance Jegetaria Cost Time (to buy, prepare & cook) 2 Fairtrade A charity that partners with food suppliers to try and improve Time of day (availability to cook, restricted) their working conditions and income through lack of resources e.g. school lunch box.) Food miles The distance a food product travels from where it is produced to Food preferences (likes and dislikes, choose) Rastafarian or arown to where it is sold to follow a specific diets - vegan/vegetarian) Culture/traditions. CO₂ **Deforestation** is Carbon A measure of the impact has on the environment based on the 4 Ethical/moral/religious beliefs prevent harmful greenhouse gases produced footprint needed to clear eating some food groups. Physical activity levels (athletes need more) land for cattle GHG Green House Gases - creates global warming 5 energy) rearing but this Availability/seasonality A gradual change in climate patterns, e.g., due to global Climate also contributes Celebrations – weddings/birthdays/ bbg etc. change warming Attitudes towards healthy lifestyle/nutrition. to global Lifestyle – prefer indoors gaming or outside warming...What Deforestation Cutting down trees in order to make room for cattle, crops or walking, prefer cooking or eating out. is right? development Peer pressure Enticements – adverts, special offers. A person who omits meat and/or fish, dairy from their diets Vegetarian We all need to Climate change A person who eats no meat, fish or any product from an animal Vegan There is worldwide concern about work together to Recycle what you Buy what climate change and the increased you need help the number of extreme or unusual can't eat 10 Religion A faith that a person lives by How to environment weather conditions. reduce Changes in temperature can affect food waste Halal Slaughtered or prepared using a method that follows Islamic 11 plant growing seasons and livestock Eat it all or Store dietary laws store leftover conditions. It is very likely to affect for late food security at a global, regional and Prepared food that follows the requirements of the Jewish 12 Kosher local level. AIRTRADE dietary laws All food must be grown, reared or caught Food choice Something that influences your choice in food 13 In the past food was grown, prepared and cooked at home or sold by small-scale producers or merchants. A process that does not cause permanent damage to the 14 Sustainable environment or using vast amounts of resources. Some people still grow food at home or on allotments. Food can also be bought from a wide range of sources, including: CH No1 problem in UK. Food waste causes damage to the 15 Food waste cafes/coffee shops; • on-line retailers; environment. ٠ convenience stores: restaurants: . farmers markets:

•

farm shops;

markets:

supermarkets;

٠

takeaway outlets.

YEAR 9 KNOWLEDGE

ORGANISER

Food Topic 3: Food Science



Key	Vocabulary	
1	Gluten	Is formed from two proteins (Glutenin & Gliadin) found in wheat are mixed with a liquid.
2	Fermentation	When given warmth, moisture , food and time, yeast produces Co2 and alcohol
3	Kneading	Stretching the dough to develop the gluten; yeast is distributed throughout the dough to given an even rising.
4	Proving	Time for the yeast to ferment to produce bubbles of carbon dioxide (Co2) which makes the dough rise.
5	Knocking back	A second kneading to break down the large Co2 bubbles in to smaller, more evenly sized bubble
6	Baking	In the oven, the dough rises quickly at first. Then the yeast is killed by the heat. Bread needs a hot oven.
7	Pasteurisation	Milk is heated to 72C to destroy pathogenic bacteria
8	Curd	A solid product formed during cheesemaking, through coagulation
9	Whey	The liquid remaining after the curds have been separated from the milk
10	Coagulate	When a protein denatures (breaks down) and sets
11	Enzyme	Molecules (proteins) that act as a catalyst to help complex reactions occur – helping to curding the milk
12	Starter culture	a bacteria mix used to ripen milk and help start the cheese making process
13	Rennet	an enzyme that used to be taken from calves' stomachs but is mostly now produced from vegetarian sources.

Bread: Function of ingredients

Strong plain flour – contains gluten to give a supportive structure that can hold the bubbles of carbon dioxide.

Yeast – helps the bread rise to give a lighter texture.

Water - binds the ingredients to form a dough; allows the yeast to respire; when the dough is baked, water turns to steam and helps it rise.

Salt – for flavour; strengthens gluten.

Yeast: Fermentation

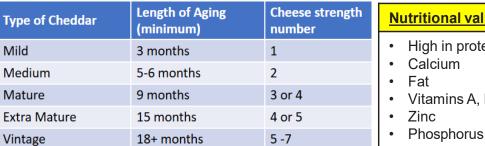
Fresh or dried yeast ferments to produce carbon dioxide which makes the bread rise, giving a lighter texture. The ideal conditions for fermentation

Warmth

are:

- Moisture
 - Food
- Time





2 %		×		
Gliadin	+	Glutenin	=	GLUTEN



0

veast



Windowpane test

Kneading

Effect of Heat on Cheese

approximately 65°C

• Often grated or cubed

proteins, allowing soft

cheese to melt easily

Cheese can brown and

burn when heated.

adding texture and

flavour.

Cheese melts at

before meltina

Heat changes the



Cheese strength number	Nutritional value of cheese
1	High in protein
2	CalciumFat
3 or 4	 Vitamins A, B & D
4 or 5	Zinc



Year 9 Drama: John Godber and Teechers



Following on from our work on Physical Theatre we're going to look at the work of John Godber and particular his play Teechers (it's a deliberate spelling mistake) which uses a physical style of performance.

2

3

Godber's style: Key vocabulary

His plays Bouncers, Up 'n' Under and Teechers have very small casts – 3 or 4

- 1 performers (remember he couldn't afford to pay a large cast.) This means the performers must multi -role play.
- 2 Multi role play is when an actor plays more than one character onstage.
- 3 The differences in character are marked by changing voice, movement, gesture and body language.

The audience can clearly see that the same actor has taken on more than one role. There are no costume changes, and the emphasis is on the physical and vocal changes the performer makes.

- 5 Direct audience address: in Teechers the 3 performers play all the characters and narrators, so they break the Fourth Wall to talk directly to the audience.
- 6 Exaggerated stereotypes to make characters easily identifiable to audiences.
- 7 Fast paced action.
- 8 Addresses social issues, behaviour and attitudes.
- 9 Teechers is a play within-in-a-play Remember from Year 7 Elizabethan Theatre that Shakespeare uses this technique in A Midsummer Night's Dream.

Bouncers

4

His most popular work by far has proved to be Bouncers, a comedy about four doormen at a down-market nightclub that he first wrote in 1977 but subsequently reworked for performance for a contemporary audience.



John Godber

John was born the son of a miner in Upton, West Yorkshire. He trained as a teacher of drama at Bretton Hall College. Whilst he was Head of Drama at Minsthorpe High School, he won every major award at the National Student Drama Festival between 1981 and 1983.



His plays are performed across the world. He has the distinction of being one of the most performed writers in the English language. He has won numerous awards for his plays, including a Laurence Olivier Award and seven Los Angeles Drama Critics Circle Awards.

He is best known for his boisterous comedies and his work with the Hull Truck Theatre over 25 years has led to his being dubbed 'the true mouth of the Humber'. When Godber went to Hull Truck Theatre the company had no money which led to him creating a distinct style of Theatre.

Teechers

1 Gail, Hobby and Salty, three Year 11 students who, through their end of term play, tell the hilarious story of an idealistic new teacher in his perilous first days inside a local comprehensive school in a deprived area in the North of England.





Year 9 Drama: Physical Theatre



Actors using bodies to express objects, set and emotions. This follows on from the physical work of Commedia we finished Year 8 with.

Key	y vocabulary	Harshness Status Mask work	
1	Mime	This usually means stylised movement but can be comparatively realistic.	sation
2	Gesture	A gesture may be something small but can have emotional impact or it can be a particular movement that defines a character.	
3	Status	This may be executed by use of levels or by distance or strength of contact, or a combination of all of these with voice work.	Mime
4	Proximity	How close or far you are from your co-performers can be a source of very powerful impact.	tance
5	Stance	This is associated with strength as the body could radiate assertion and authority or weakness by stance, incorporating posture.	
6	Harshness & tenderness	Used here as umbrella terms to focus on the fact that in physical work the gestures and bigger movements come together to express the emotions of the piece.	
7	Movement	Every movement needs to be rehearsed with precision.	work
8	Not moving	If the stage is full of characters moving, immobility can have a powerful effect.	
9	Mask work	The impact of a mask is visual and without the facial features to show action, movement becomes an even more central performance instrument.	
10	Dance work	Don't be afraid to include dance in your work; you don't have to be an experienced dancer.	
11	Motif	This is repeated use of a movement pattern which has meaning and reminds us of the central theme of the work.	

Tł	The Seven States of Tension			he work of Frantic Assembly	
1	Californian	The body is so relaxed you can hardly stand up straight.	https://youtu.be/ieWs3hl3O4w		
2	Neutral	You are a face in the crowd, no one recognises you		Frantic Assembly are a major British Physical Theatre company. Founded in 1994 by Scott Graham, Steven Hoggett and Vicki Middleton they create original work with well established	
3	Gorgeous	You are the most gorgeous person on the planet, and you know it!	1	playwrights. One of their most famous collaborations was with the National Theatre and their production of A Curious Incident of the Dog in the Night Time.	
4	Fish	You have the memory of a fish; go to do something and forget.		https://youtu.be/UVrOsXhG61Q In this clip shows a group of actors from Frantic Assembly working	
5	Birthday	It's your birthday and you have the present you have always wanted		with director, Scott Graham on the play A Lovesong by Abi Morgan. https://www.bbc.co.uk/bitesize/guides/ztfk6sg/revision/2	
6	Bus Stop	You can see the bus and if you don't make it, you will be in trouble.		They use a range of techniques to create devised theatre.	
7	Catatonic	You are faced with your worst fear, and you are terrified. This links to our work on Drama Power/Status – the 7 states link to the different levels of confidence.	2	 Chair Duets: <u>https://www.youtube.com/watch?v=PB-9LERsyY8</u> Hymn Hands: <u>https://youtu.be/gUqZPfGIX6U</u> Learning to Fly: <u>https://youtu.be/Q4mXhW7TXQ8</u> 	

English Romeo & Juliet



15

Key Vocabulary				
1	Melancholic (adjective)	Feeling or expressing sadness. Synonyms – sorrowful, pensive, downbeat.	1 2 3	
2	Patriarchy (noun)	A system in which men hold the power in society e.g. father or eldest male is head of the family.	4	
3	Unrequited (adjective)	Not returned (particularly concerning love).	6	
4	Unconventional (adjective)	Not conforming to (following) what is generally done, expected or believed.	7	
5	Antagonistic (adjective)	Showing hostility (unfriendliness / hatred) towards something or someone.	9 10	
6	Subservient (adjective)	Prepared to obey others without question.	11	
7	Antithesis (noun)	A person or thing that is the direct opposite of someone or something else.	12 K	
8	Conflict	A disagreement, or struggle between two opposing forces – this could be different people or within one person.	1 2	
9	Protagonist	Main character.	3	
10	Tragedy	A type of play / A genre of drama – Tragedies are a type of play that focus on suffering, disaster, death and end unhappily.	4	

Fate

Conflict

Li	Literary Methods					ers	
1	Prologue	An	introduction or opening that gives background details.	1	Romeo	Juliet's lover. Melancholic, impulsive.	
2	Foreshadowing		en the writer hints at something that happens later in the narrative. s as a warning or indication of a future event.	2	Montague Juliet	Romeo's lover. Naïve and	
3	Dramatic Irony	When the audience know something that the characters do not.		Capulet	sheltered at the beginning, but becomes unconventional and		
4	Symbolism	Syn	en a writer uses something to symbolise (represent) something else – nbols used for ideas or qualities. E.g. The colour 'red' could symbolise	3	Mercutio	determined. Romeo's close friend. Witty,	
_			er, danger, violence or passion. A place could symbolise safety.			playful and sarcastic.	
5	Metaphor		en something is described as something else to convey meaning, -literal figure of speech.	4	Tybalt	Juliet's cousin. A bad-tempered character, hates the Montagues,	
6	Soliloquy		evice used in a play to share a character's thoughts with the audience – y speak their thoughts aloud without addressing another character.	_		violent, antagonistic and macho.	
7	Juxtaposition The fact of two things being seen or placed close together with contrasting		5	Benvolio	Romeo's cousin. A peacekeeper, cautious.		
'	Juxtaposition		effect.		Friar	Loyal and peaceful. A friend to	
8	Oxymoron	Oxymoron A figure of speech in which two contrasting words are places next to one			Laurence	both Romeo and Juliet.	
	another e.g. 'bitter sweet', 'honest lying'.		ther e.g. 'bitter sweet', 'honest lying'.	7	Nurse	Juliet's best friend and in many ways is more her mother than	
9	Blank Verse	Ver	se (poetry) that has a rhythm but does not rhyme.			Lady Capulet is.	
10	Sonnet	rom	ditionally, sonnets were written as a form of expression of a person's nantic love for another. A traditional sonnet can often be recognised by ing 14 lines.	8	Prince Escalus	Leader of Verona, concerned with keeping order between the warring families.	
11	Celestial Imagery	Ima	gery about stars, the sun, the moon, and space in general.	9	Paris	Nobleman given permission to	
12	Stage directions	An instruction in the text of a play about the movement, position or tone of voice of an actor, or about props, the sound effects or lighting.				woo Juliet. A typical patriarchal male character.	
			10	Lord	Head of the Capulet household.		
Ke	Key Themes				Capulet	Quick to anger when disobeyed.	
1	Love - Romantic L	ove	The love Romeo and Juliet share is beautiful and passionate. But it is a friends, family, and to themselves.	also cl	naotic and d	lestructive, bringing death to	
2	2 Love - Familial Love		Relationships between the young characters and the characters that are parental figures is important in the play.				

Shakespeare makes it clear that Romeo and Juliet cannot escape their fate. It is their struggle against fate that

These relationships change throughout.

- The conflict between Juliet and her parents.

emphasises their love.

- Juliet's inner conflict.

English Exploring perspectives on identity & equality in non-fiction texts



Ke	Key Vocabulary			
1	Race	Each of the major groupings into which humankind is considered to be divided on the basis of physical characteristics or shared ancestry.		
2	Gender	Gender is often assumed from the sex assigned at birth, but a person may not identify with this gender (see gender identity). Gender is also considered to refer to the characteristics that society has constructed for what it means to be a particular gender.		
	Gender Identity	A person's sense of their own gender, which may be non binary or may not correspond to the sex assigned at birth.		
4	Sexuality	A person's identity in relation to the gender or genders to which they are typically attracted; sexual orientation.		
	Systemic Racism	A form of racism that is embedded as a normal practice within society or an organisation.		
6	Abolition	The act of ending a system, practice or institution.		
7	Patriarchy	A system of society or government where men hold the power.		
8	Perpetuates	To continue something (especially used for bad situations).		
	Inextricable	Impossible to disentangle or separate.		
10	Plight	Struggle faced by an individual or group.		

Language methods often used to persuade and argue

1	A necdote	A short amusing or interesting story about a real incident or person.
2	Facts	Something that is true / can be proven.
3	O pinion	Something someone thinks.
4	Repetition	Words or phrases that are used more than once.
5	R hetorical Question	A question used to make a point and have an effect, no answer is expected.
6	Emotive Language	Language used to create emotion in the audience e.g. 'he was depressed, bedraggled and lonely.'
7	Statistics	Facts using numbers / percentages
8	Triplet / List of Three	Three words or phrases used one after the other e.g. he was lonely, nervous and uncertain.
9	Direct Address	Using someone's name or a pronoun such as 'you/your' to speak directly to a particular person or group. "This is your responsibility"
10	Juxtaposition	Contrast of ideas/images that are close together
-11	An imperative	A command
12	Anaphora	The repetition of a word or phrase at the start of sentences one after another e.g. Martin Luther King repeats the phrase "I have a dream" at the start of several sentences in his famous speech.
13	Asyndetic Listing	lists that just use commas rather than the word 'and' e.g. I went to the shop and bought apples, bananas, grapes, pineapple and strawberries.
		· · · · · · · · · · · · · · · · · · ·

Structural Methods

1	Counter argument	What someone who disagrees with you might say in response to your ideas /argument.
2	Single sentence paragraph	A sentence placed on its own, functioning as a paragraph in order to place emphasis on that particular point. Often easily remembered.
3	Cyclical structure	When the introduction and conclusion of a piece of writing link in a way that provides balance and emphasises the meaning or purpose of the text.
4	Topic sentence	A sentence that identifies the main idea of the paragraph.

Aspects of grammar and punctuation

1	Colons (:)	A punctuation mark (:) used before a list of items, a quotation, or an expansion or explanation of a point.
2	Semi colons (;)	A punctuation mark (;) that indicates a longer pause. Used between two independent clauses that are closely related or between longer items in a list.
3	Modal verbs	A type of verb that expresses necessity or possibility. e.g. include must, shall, will, should, would, can, could, may, and might.
4	Pronouns	A word that refers to someone or something (e.g. I, you, she, it, this) Inclusive Pronoun - "we" "us" Personal pronoun - "I" "me"
5	Adverbs	A word or phrase that modifies (describes) an adjective, verb or other adverb E.g. quickly, very.

,			
)
		$\overline{)}$	
	vou use a lot	The little words	



	N	-			THE SUPER 7
semaine week	deux fois par twice ,	maintenant now	1. Time Phrases		TIME PHRASES Specify when something is happening - in the present, past or future or whether we would like something to happen in an ideal world (conditional).
	twice / 2 times a				VERBS Describe an action, state or occurrence - i.e. a doing, being or being or happening word.
	N		N		act a
	elle/il avait	j'	2. Verbs		OPINIONS Explain what we think about the action or state of being - positive or negative.
		j'avais		YEAR 9	JUSTIFIERS Allow us to answer the question 'why?' to give a reason for our opinions usually using 'because'.
	s/he/it had	l had		Ø	
	ā		64		QUALIFIERS Words that make our describing describing words even words even more interesting.
	je préfère	pour moi	3. Opinions		ADJECTIVES Words that describe nouns (people, places or things).
	l prefer	for me			CONNECTIVES Words which join together two different, but related, parts of a sentence. They allow us to extend and develop our sentences.

1. Tin	1 ma	2 deu				5 avant	<mark>6</mark> déjà	7 qua	8 à l'	9 den	10 qua	11 piu	18	4. Ju		2 éta	ິ VU	4 alors	5 donc	7. Co	en l	2 tou	3 en	4 au	5 pei	ret 7	
Time Phrases	maintenant	deux fois par		ualis le passe				quand j'étais petit(e)	à l'avenir	demain	quand je serai	pius age(e) quand j'aurai	18 ans	Justifiers	puisque (ce sera)	étant donné que	vu que	Irs	nc	Connectives	en conclusion	toutefois	en réalité	au contraire	pendant que	tandis que	bien que (ce soit)
	now	twice / 2 times a			yesterday	before	already	when I was little	in the future	tomorrow	when I'm older	when I'm 18			since (it will be)	given that	seeing that	os	therefore/so		in conclusion	nevertheless	in reality	on the contrary	whilst	whereas	although (it is)
Ņ	-	N	ω	4	ហ	σ	7	00	v	ō	=	ណ	-	N	ω	4	ហ	٥	7	œ	V						
Verbs	ij	elle/il	j,	elle/il	elles/ils	je	Се	Ce	je	je	je	Qualifiers	en partie	suffisamment	extrêmement	spécialement	absolument	malheur	évidemment	seulement	reellement						
	avais	avait	aurai	aura	étaient	serai	sera	serait	voudrais	devrais	pourrais	èrs		iment	ment	ment	ent	malheureusement	lent	nt	ΠT						
	l had	s/he/it had	l will have	s/he will have	they were	l will be	it will be	it would be	I would like	I should	I could		partly	enough	extremely	especially	absolutely	unfortunately	obviously	only	rruiy						
ŵ	I had	s/he/it had 2	I will have 3	s/he will have 4	they were 5	l will be		it would be	I would like	I should		=	partly 12	enough	extremely 6.	especially 1	absolutely 2		obviously 4	only 5	LI UIY	7	0	9	10	=	12
3. Opinions	I had 1 pour moi						7	00				11 ce qui est bien c'est	12 ce qui est	enough embetant c'est		especially 1 marrant		unfortunately				7 fatigué	8 fatigant	9 excellent	10 énorme	11 extraordinaire	12 parfait

French Topic 1: Work & Future Aspirations

UNIT 1: PART TIME JOBS & POCKET MONEY

K	ey Vocabulary	
1	Je travaille dans un magasin	l work in a shop
2	J'aide à la maison	I help at home
	Je range ma chambre	I tidy my roon
4	Je livre des journaux	l deliver newspapers
	Je promène le chien	I walk the dog
6	Je fais du baby-sitting/ du bénévolat	l do babysitting volunteer work
7	Je gagne 5 euros/ livres	l earn 5 euros pounds
8	de l'heure/par semaine/par mois	an hour/a week/a month

	of verbs in the present and perfect tense.						
C	Common phrases						
1	Normalement je fais du baby-sitting, mais c'est vraiment énervant.	Normally I do babysitting, but it is really annoying.					
2	Hier j'ai travaillé dans un magasin et j'ai gagné 6 livres et à mon avis c'était très fatigant.	Yesterday I worked in a shop and I earned £6 and in my opinion it was very tiring.					
3	Quand j'étais plus jeune j'aidais à la maison et selon moi c'était assez bien car je gagnais 5 euros par semaine.	When I was younger I used to help at home and according to me it was quite good because I used to earn 5 euros a week.					
Ρ	Present & Past Tense						

Core intent:

To be confident and competent in using a range

Adjectives

1	utile	useful
2	stimulant	stimulating
	motivant	motivating
4	facile/difficile à faire	easy/hard to do
	exigeant	demanding
6	énervant	annoying
7	fatigant	tiring
8	bien/mal payé	well/badly paid

Subject	Present – travailler (work)	Perfect – travailler (worked)	Imperfect - Travailler (used to work)
Je (j') = I	travaille	ai travaillé	travaillais
Tu = you	travaill <mark>es</mark>	as travaillé	travaill <mark>ais</mark>
ll/elle/on = he/she/one	travaille	a travaillé	travaill <mark>ait</mark>
Nous = we	travaillons	avons travaillé	travaillions
Vous = you (pl)	travaillez	avez travaillé	travaill <mark>iez</mark>
lls/elles = they	travaillent	ont travaillé	travaillaient

Key Questions

	As-tu un petit boulot?	Do you have a part-time job?
2	Est-ce que tu gagnes de l'argent de poche?	Do you earn any pocket money?
	Tu gagnes combien?	How much do you earn?

Time Phrases							
Pre	Present:						
1	Normalement	normally					
2	Le lundi	on Mondays					
Pe	Perfect:						
3	Hier	yesterday					
4	Le weekend dernier	last weekend					
Imperfect:							
5	Quand j'étais plus jeune	when I was younger					

French Topic 1: Work & Future Aspirations **UNIT 2: JOBS**

Ke	ey Vocabulary	
1	Mon père/Ma mère	My dad/mum
2	est	is
	travaille comme	works as
4	médecin	doctor
	fonctionnaire	civil servant
6	secrétaire	secretary
7	coiffeur/euse	hairdresser
8	vendeur/euse	shop assistant
	acteur/trice	actor
10	agriculteur/trice	farmer
11	boucher/ère	butcher
12	infirmier/ère	nurse
13	informaticien/ienne	IT technician
14	électricien/ienne	electrician
15	patron/onne	boss
16	Elle/il travaille dans	S/he works in
17	un hôpital	a hospital
18	un collège	a school
19	un magasin	a shop
20	un bureau	an office
21	pour une organisation caritative	for a charity
22	chez Astra Zeneca	for AZ
	en plein air	in the fresh air

Core intent:

To be confident and competent in asking and expressing opinions about jobs

Common phrases

1	Mon père est fonctionnaire et il travaille dans un bureau.	My dad is a civil servant and he works in an office.
2	Mais il pense que c'est vraiment monotone.	But he thinks that it's really monotonous.
	Avant, il était vendeur dans un magasin.	Before, he was a sales person in a shop.
4	C'était plus varié que d'être fonctionnaire.	It was more varied than being a civil servant.

Present & Imperfect Tense

	être (to be)						
Subject	Present	Imperfect					
je (j') = I	suis	étais					
tu = you	es	étais					
il/elle/on = he/she/one	est	était					
nous = we	sommes	étions					
vous = you (pl)	êtes	étiez					
ils/elles = they	sont	étaient					

Key Questions

	Que font tes parents comme métier?	What do your parents do for work?
2	Que penses-tu d'être médecin?	What do you think about being a doctor?

Grammar

Comparatives			
1	C'est plus physique que d'être médecin.	It's more physical than being a doctor.	
2	C'est moins créatif que d'être patron.	It's less creative than being a boss.	
3	C'est aussi gratifiant que d'être boucher.	It's as rewarding as being a butcher.	
Su	perlatives		
1	Etre agriculteur c'est le plus barbant.	Being a farmer is the most boring.	
2	Etre acteur, c'est le moins stressant.	Being an actor is the least stressful.	
3	Le meilleur/ Le pire métier c'est d'être	The best/The worst job is to be a	

French Topic 1: Work & Future Aspirations Gareers & Aspirations

Ke	ey Vocabulary	
1	Je voudrais/ J'aimerais	I would like to
2	Ça m'intéresserait de	It'd interest me to
	Mon rêve serait de	My dream/goal would be to
4	Mon ambition/but est de	My ambition is to
	J'ai l'intention de	l intend to
6	Le plus/moins important pour moi est de	The most/least important (thing) for me is to
7	travailler comme	work as
8	avoir un métier bien payé	have a well-paid job
	me marier	get married
10	avoir des enfants	have children
11	créer ma propre entreprise	start my own company
12	aller à l'université	go to university
13	faire du bénévolat	volunteer
14	faire un apprentissage	to do an apprenticeship
	faire le tour du monde	travel the world
16	prendre une année sabbatique	take a gap year

Core intent: To be confident and competent talking about the future using key verbs in the conditional tense

Common phrases A l'avenir j'aimerais In the future I'd like to get married because in me marier car à mon avis ce serait très my opinion it would be enrichissant. very enriching. Mon rêve serait de My dream would be to faire le tour du monde travel the world because it'd be really puisque ce serait vraiment incroyable. amazing.

Conditional Tense

Subject	vouloir (to want)	aimer (to like)
je (j') = I	voudrais	aimerais
tu = you	voudrais	aimer <mark>ais</mark>
il/elle/on = he/she/one	voudrait	aimerait
nous = we	voudrions	aimerions
vous = you (pl)	voudriez	aimeriez
ils/elles = they	voudraient	aimeraient

Key Questions

1	Qu'est-ce que tu voudrais faire comme travail?	What job would you like to do?
2	Quels sont tes projets pour l'avenir?	What are your plans for the future?

Conditional time phrases

1	À l'avenir	in the future
2	Quand je serai plus âgé(e)	When I'm older
3	Quand j'aurai 18 ans	When I'm 18
4	Après avoir quitté le lycée	After leaving Sixth Form
5	Si j'avais l'occasion	If I had the chance
6	Si je pouvais	If I could

Adjectives

1	enrichissant	enriching
2	incroyable	amazing
3	une expérience qui change la vie	a life-changing experience
4	une perte de temps/d'argent	a waste of time/ money

GEOGRAPHY TOPIC 1: A HAZARDOUS EARTH

where a natural hazard will strike.

To record physical changes to help

The lithosphere is the solid, outer

upper portion of the mantle and the

These are the immediate effects of

These are the subsequent effects of

a disaster eg unemployment due to

The theory by Alfred Wegner that the plates used to be joined

together in one supercontinent

part of the Earth, including the

a disaster eg loss of life.

lack of business.

called Pangea.

it may occur.

crust

forecast or predict when and where

KEY VOCABULARY

Natural

Hazard

Hazard Risk

Convection

currents

Prediction

Monitor

Lithosphere

Primary

effect

Secondary

effect

Continental

drift

1

2

3

Δ

5

6

7

8

9

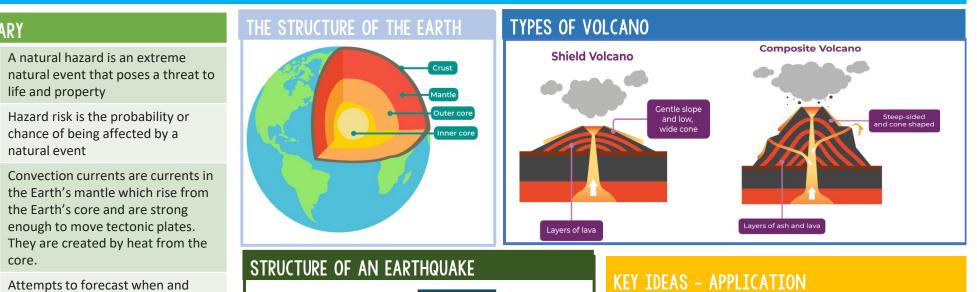
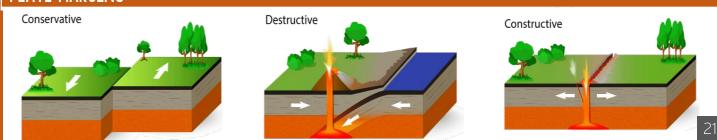


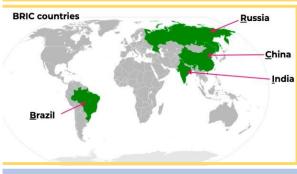
Plate movement			
Epicentre	1	Social Effects	Factors that affect the lives of people or a community e.g. housing, education etc
Focus Seismic waves		Economic Effects	Factors that affect wealth and money e.g. unemployment
		Environmental Effects	Factors that affect the environment e.g. pollution
	•		

PLATE MARGINS



GEOGRAPHY TOPIC 2: EAST MEETS WEST

BRIC COUNTRIES





HUMAN AND PHYSICAL FEATURES

HUMAN	PHYSICAL
 TNC's Stable	 Large
government Large,	Landmass Large
youthful	coastline Natural
population	resources

KEY VOCABULARY

1	Newly Emerging Economies	Countries which have begun to experience high rates of economic development, usually along with rapid industrialisation and significant improvements in quality of life.
2	Exports	Sending goods to another country for sale.
3	Primary Sector	Industries which collect raw materials such as farming, logging, oil rigging, mining, quarrying, etc.
4	Secondary Sector	Industries which manufacture goods into products such as car manufacturers, food processing plants, toy assembly plants, builders, etc.
5	Tertiary Sector	Industries which provide a service such as teaching, accounting, health care, sales assistants, etc.
6	Pull Factor	Factors that attract people to live in an area such as good healthcare.
7	Push Factor	Factors that make people want to leave an area such as lack of jobs.
8	TNC's	Transnational corporations (TNCs) are companies that operate in more than one country.
9	Megacity	Megacities are urban areas with a population of more than 10 million people
10	Energy Security	Uninterrupted availability of energy sources at an affordable price.

Wage levels – until recently China had low minimum wage – maximising profit for businesses.

TNCs were given

tax breaks - Foreign

companies (TNCs) were

given tax breaks.

Subsides on exports - The government placed subsidies on Chinese exports (makes them cheaper to buy).

Trade unions -

Trade unions have been

weak in the past, and

long working hours were

the norm.

What has led to BRIC's rapid economic growth?

Weak environmental

laws - Environmental laws were not strictly imposed when compared to many developed countries. DESCRIBING GRAPHS AND MAPS

T = TREND what is the overall pattern of the graph/map? What does it show?

E = EVIDENCE what data/examples could I include?

A = ANOMALY what doesn't fit the pattern/trend? What differences are there?

an Super 7s The little words			
r 7S The little words			
The little words you use a lot			
	you	The little words	

n
23

			YEAR 9	۲			
CONNECTIVES Words which join together two different, but related parts of a sentence. They allow us to extend and develop our sentences.	ADJECTIVES Words that describe nouns (people, places or things).	QUALIFIERS Words that make our describing words even more interesting.	JUSTIFIERS Allow us to answer the question 'why?' to give a reason for our opinions usually using 'because'.	OPINIONS Explain what we think about the action or state of being - positive or negative.	VERBS Describe an action, state or occurrence - i.e. a doing, being or happening word.	TIME PHRASES Specify when something is happening - in the present, past or future or whether we would like something to happen in an ideal world (conditional).	THE SUPER 7

e future a future b l'm older h l'm 18 10 11 11 11	+ − α ω 4 υ ο ⊢	Time Phrases jetzt zweimal pro Woche früher gestern davor schon als ich klein war	now twice a week in the past / previously yesterday before already when I was		2. Verbs1ich1ich2sie/er3ich4sie/er5sie6ich6ich7es, sie, er
als ich klein warwhen I was littlees, su littlein der Zukunftin the future8es, simorgentomorrow9ich, siwenn ich älter binwhen I'm older1011	σ	schon	already	1 (2
in der Zukunftin the futureorgenmorgentomorroworgenin the futurewenn ich älter binwhen I'm olderorgenorgenwenn ich achtzehn binwhen I'm 1810	7	als ich klein war	when I was little	ю -	es, sie
morgentomorrow9ich, siewenn ich älter binwhen I'm older1010wenn ich achtzehn binwhen I'm 1811	œ	in der Zukunft	in the future	C	ca, ale,
wenn ich älter binwhen I'm olderwenn ich achtzehn binwhen I'm 181010	0	morgen	tomorrow	0	ich, sie, er
wenn ich when I'm 18 achtzehn bin 11	10	wenn ich älter bin	when I'm older	;	
1	Ħ	wenn ich achtzehn bin	when I'm 18	5	ICh
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wird...sein

werde...sein

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hatte

hatte

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außerdem	um zu	obwohl	während	falls	sowie		doch	trotzdem	schließlich	7. Connectives		damit	deshalb	deswegen		4 . Justifiers	
also	in order to	although	whereas	if, in case	as well as, plus	(in answer to negative question)	however, yes	nevertheless	in conclusion			so that	therefore	therefore			
_											_						
N	≓	5		v	œ	7	σ	C	л	4	ω	N	-	•	ហ		≓
12 eigentlich	11 unbedingt	DilloA			8 Nur		6 leider	Descille		4 besonders	3 extrem	2 genug	tellmeise		5. Qualifiers		11 ich I
				9 überhaupt (nicht) generally, (not) at all		natürlich			bostimmt				tellweise pdruy		5. Qualifiers		11 ich könnte

	l, s/he could	should 11	would like 10	would be 9	it, s/he ⁸	it, s/he will 7 be	I will be	they were 5	it / s/he will have	I will have	s/he/it had 2	I had	6.1
Das schlimmste ist		Was nicht gut ist,	Das beste ist	Was gut ist, ist	ich möchte gern		ich interessiere mich für	es nervt mich	ich finde das	ich hoffe	ich mag lieber	pfür mich	3. Opinions
the worst thing is	IS	the bad thing	the best thing is	the good thing is	I'm keen to	it bores me	l am interested in	it annoys me	I find that	I hope	l prefer	for me	

würde gern

würde...sein

sollte

ដ	ิจี	≓	ō	v	ω	7	σ	U	4	ω	N	-	6
altmodisch	perfekt	außergewöhnlich	riesig	super	ermüdend	müde	nett	fantastisch	gefährlich	atemberaubend	toll	lustig	Adjectives
old - fashioned	perfect	extraordinary	enormous	excellent	tiring	tired	nice, pleasant	marvellous	dangerous	breathtaking	great	amusing	

German Topic 1: Daily Life **UNIT 1: TECHNOLOGY**

Ke	y Vocabulary					ore inte			K	ey Questions	
	benutze das Interne ndy um	t/mein				•		ing verbs related range of tenses.	1	Wie benutzt du dein Handy/das Internet?	How do you use your phone/the internet?
1	meine Fotos auf	to upload my	Com	mon	phrases	5			2	Was hast du gestern am Handy/im Internet	What did you do yesterday on the
	Instagram hochzuladen	photos onto instagram			weise benutz um Videospi			y I use the internet video games online	2	gemacht? Wie wirst du	internet/your phone? How will you use
	Fotos zu machen	take photos	spi	vielen, d	lenn meiner es immer seh	Meinung	becau	se in my opinion it lys very lively.		Technologie in der Zukunft benutzen?	technology in the future?
3	Online einzukaufen	shop online	2 Ge	estern h	abe ich das	Internet	Yester	day I used the			
	Videos anzusehen	watch video clips			um Videospie enn meiner M			et to play video online because in my	Ti	me phrases	
5	Videospiele zu	play games	-		es sehr lebh			n it was very lively.	1	Normalerweise	usually
	spielen		3 In	der Zul	kunft werde	ich das	In the	future I will use the	2	Gestern	yesterday
	Playlists zu erstellen	create playlists	Vie	Internet benutzen um in Videospiele zu spielen, denn g		games	internet to play video games because in my opinion it is always very		In der Zukunft	in the future	
7	meine E-mails zu	read emails			hr lebhaft.	ist es	lively.			jectives	
	lesen								1	Meine Lieblingsapp	my favourite app
	auf soziale Netzwerke zu	go on social media	Pres	sent	& Past	Tense			2	praktisch	practical
	gehen	media	Subjec	:t	Present (use)	Perfec (used			3	lustig	fun
9	zu chatten und zu	to chat and	• •				•		4	schnell	fast
	simsen	send messages	ich		benutze	habe ben		werde benutzen	5	lebhaft	lively
	meine SMS zu	to read my texts	du	1	benutzt	hast ben		wirst benutzen	6	gratis	free
	lesen		er/sie/	/es	benutzt	hat benu		wird benutzen	7	teuer	expensive
11	um für meine	do research for	wir ihr		benutzen benutzt	haben ber habt ben		werden benutzen werdet benutzen	8	Es macht süchtig	It 'makes' addictive
	Hausaufgaben zu recherchieren	my homework	inr sie/Sie	9	benutzen	haben ber		werdet benutzen	9	gefährlich eine Zeitverschwendung	dangerous a waste of time
			316/ 316	•	DenutZen		14121		10	CITE ZEILVEI SCHWEHUUN	a waste ur tille

German Topic 1: Daily Life UNIT 2: MEDIA-TV & FILM

Ke	y Vocabulary	
1	fernsehen	to watch TV
2	die Nachrichten	the news
	der Wetterbericht	weather report
4	die Komödie	the comedy
	die Serie	the series
6	die Sportsendung	sports programme
7	die Musiksendung	music programme
8	die Reality-Show	reality show
	die Kindersendung	children's programme
10	die Dokumentation	documentary
11	die Spielshow	game show
12	der Zeichentrickfilm	a cartoon
13	der Film	film
14	der Krimi	crime programme
15	ins Kino gehen	to go to the cinema
16	der Horrorfilm	horror film
17	der Actionfilm	action film
18	der Science-Fiction -Film	Science fiction film
	der Kriegsfilm	war film
20	der Liebesfilm	love story

Core intent:

To be confident and competent in using verbs related to TV and film in a range of tenses.

Common phrases

1	Normalerweise sehe ich eine Komödie weil es meiner Meinung nach immer sehr lustig ist.	Usually I watch a comedy because in my opinion it is always very funny.
2	Gestern habe ich einen Film gesehen und ich dachte, es war echt unterhaltsam weil es viel Aktion gab.	Yesterday I watched a film and I thought it was really entertaining because there was a lot of action.
3	Nächstes Wochenende werde ich eine Serie sehen, weil ich denke, dass es sehr spannend sein wird.	Next weekend I will watch a series because I think that it will be very exciting.

Present, Perfect & Future Tense

Subject	Present (watch)	Perfect (watched)	Future (will watch)
ich	seh <mark>e</mark>	habe gesehen	werde sehen
du	sieh <mark>st</mark>	hast gesehen	wirst sehen
er/sie/es	sieh <mark>t</mark>	hat gesehen	wird sehen
wir	seh <mark>en</mark>	haben gesehen	werden sehen
ihr	seht	habt gesehen	werdet sehen
sie/Sie	seh <mark>en</mark>	<mark>haben</mark> gesehen	werden sehen

Key Questions

1	Was siehst du normalerweise im Fernsehen?	What do you usually watch on TV?
2	Was hast du neulich gesehen?	What have you watched recently?
	Was wirst du nächstes Wochenende sehen?	What will you watch next weekend?

Adjectives

1	informativ	informative
2	lustig	funny
	unterhaltsam	entertaining
4	emotional	emotional
	beeindruckend	impressive
6	spannend	exciting
7	entspannend	relaxing
8	groβartig	great
	gruselig	scary
10	blöd	stupid
11	(un) realistisch	(un)realistic
12	furchtbar	terrible
13	Es gibt/gab	There is/was
14	viel Spannung	a lot of suspense
	viel Aktion	a lot of action
16	viele Spezialeffekte	lots of special effects

German Topic 1: Daily Life UNIT 3: MEDIA - READING & MUSIC

Ke	y Vocabulary	R
1	lesen	to read
2	Zeitschriften	magazines
	einen Liebesroman	love novel
4	einen Science- Fiction - Roman	sci-fi novel
	die Zeitung	the newspaper
6	Geschichten über (Vampire)	stories about (vampires)
7	Comics	comics
8	hören	to listen to
	Popmusik	pop music
10	Rockmusik	rock music
11	klassische Musik	classical music
12	Radio	the radio
13	spielen	to play
14	ein Instrument	an instrument
15	Gitarre	the guitar
16	Klavier	the piano
17	um	in order to
18	zu entspannen	to relax
19	mir die Zeit zu vertreiben	to pass the time

Core intent: To be confident and competent in using verbs related to reading and music in a range of tenses **Common phrases**

Normalerweise lese ich die Normally I read the newspaper because in my opinion it is Zeitung weil es meiner Meinung nach immer sehr informativ ist. always very informative. Yesterday I listened to classical 2 Gestern habe ich klassische Musik gehört und meiner Meinung music and in my opinion it was nach war es sehr entspannend very relaxing because it was weil es emotional war. emotional. **Dieses Wochenende werde ich** This weekend I will read a einen Science-fiction Roman science-fiction book because in my opinion it will be great. lesen, weil es meiner Meinung nach großartig sein wird.

Present, Perfect & Future Tense

Subject	Present lire (read)	Perfect lire (read)	Future simple lire (read)
ich	lese	habe gelesen	werde lesen
du	liest	hast gelesen	wirst lesen
er/sie/es	liest	hat gelesen	wird lesen
wir	lesen	haben gelesen	werden lesen
ihr	lest	habt gelesen	werdet lesen
sie/Sie	lesen	haben gelesen	werden lesen

Key Questions

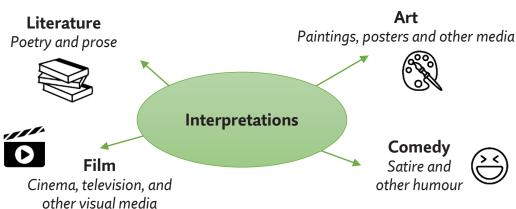
1	Was liest/ hörst du normalerweise?	What do you usually read/ listen to?
2	Was hast du neulich gelesen/ gehört?	What have you recently read/listened to?
	Was wirst du dieses Wochenende lesen/hören?	What will you read/listen to this weekend?

Adjectives

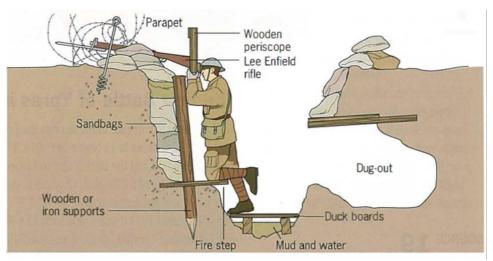
1	informativ	informative
2	lustig	funny
	unterhaltsam	entertaining
4	emotional	moving
	beeindruckend	impressive
6	spannend	exciting
7	entspannend	relaxing
8	großartig	great
	gruselig	scary
10	blöd	stupid
11	(un) realistisch	(un)realistic
12	furchtbar	terrible

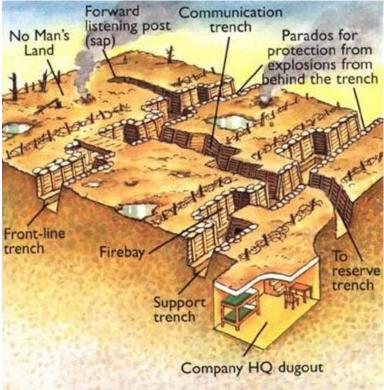
Year 9 History Unit 1: Do interpretations of the First World War provide a truthful representation?

	Key Vocabulary			
1	Trench	A long, narrow ditch dug into the ground; soldiers would live and fight from these trenches		
2	No Man's Land	The disputed area between the front line of trenches of two opposing sides		
3	Shell	A bomb that is fired a long distance by artillery (heavy guns)		
4	Propaganda	Information, especially of a biased or misleading nature, used to promote a political cause or point of view		
5	Shell shock	A nervous condition suffered by soldiers exposed to the noise and chaos of battle; today we would call this PTSD		
6	Conscription	Compulsory enlisting in (being forced to join) the military (e.g., the army, navy, air force, etc.)		
7	Satire	Using humour to ridicule people in power by focusing on their weaknesses		
8	Interpretation	An opinion or representation of something		



What did the trenches look like?





Year 9 History Unit 2: 'Deeds Not Words': What Won Women the Vote?

	Key Vocabulary			<u>Key Individuals</u>				
1	Suffrage	The right to vote in _l	political elections		Millicent Fawcett Leader of the	Emmeline Pankhurst Leader of the	Herbert Henr Asquith Prime Minister	George r, Prime Minister,
2	Suffragist (NUWSS)	A member of the N Societies (NUWSS), the right to vote; ca	who believed won	nen should have	NUWSS WSPU 1908-1916		1916-1922	
3	Suffragette (WSPU)	A member of the Wo (WSPU) who believe vote; campaigned u	ed women should l	nave the right to				10 m
4	Militant	Violent or confrontc particular cause	itional methods in	support of a				Suffragettes • WSPU led by
5	Campaign	Work in an organise	ed way to achieve o	a particular goal	Millicent Fawcett • Favoured peaceful methods What won women the Emmel Pankhu • Favour militan method			/ Emmeline Pankhurst
6	Hunger strike	A prolonged refusal prisoner often for a		as a protest by a				militant methods-
7	'Cat and Mouse' Act	Nickname given to t hunger-strikers to their health, before	be released from p		War • Women go in workplace to the war effort	support	vote?	'Deeds Not Words'
	1897 licent Fawcett ds the NUWSS	The WSPU	o5 adopts the s Not Words'	1910 Black Friday; S experience poli ↑	uffragettes	June 191 Emily Wilding D killed at the Epsc	avison is	1918 The Representation of the People Act ↑
-	+		+		Ļ			ļ l
	1903 Emmeline Pankhurst founds the WSPU		1909 First Suffragette on hunger strike; force feeding begins		April 19 The 'Cat and Mo is introduc	ouse' Act	Outbreak of W	st 1914 /W1; WSPU and end campaigns 28

Year 9 History Unit 3: Why did the Second World War break out in 1939?

		· · · ·				
		Key Vocabulary	,			Hitler's aims
1	Appeasement	-	o avoid conflict; a policy of wed by Britain towards Gern		The Treaty of Versailles Harshness of the terms of the treaty for Germany Causes of the Causes of the Second World War Appeasement Failure of Britain and France's attempts to avoid conflict by appeasing Hitler	
2	Treaty of Versailles	Agreement signed at th which punished Germa	e end of the First World War ny harshly			
3	League of Nations	An organisation set up maintain world peace	after the First World War to			
4	Nazi (Nazi Germany)	-	nal Socialist German Worker any was ruled by the Nazi Pa ^F Adolf Hitler			
5	Nazi-Soviet Pact	Agreement between Hi Union)- they agreed no	tler (Germany) and Stalin (So t to fight one another	viet		
6	Rearmament	Rebuilding the military	and equipping it with weapo			
7	Lebensraum	•	lieved that Germany needed its population to live on	to		
June 1919 Januar The Treaty of Hitler b Versailles is signed Chancellor				September 1938 unich Agreement is signed; er gains the Sudetenland	September 1939 Nazi invasion of Poland; outbreak of WW2	
		1			1	Î
						Ļ
		March 1939 Hitler publicly announce rearmament prog	es Germai		August 1939 and Stalin sign the lazi-Soviet Pact	

Mathematics "Talk like a Mathematician"

Topic 1 - Fractions, Decimals & Percentages

1	Numerator	The top number in a fraction.
2	Denominator	The bottom number in a fraction.
3	Vinculum	The line in a fraction that separates the numerator and denominator.
4	Percentage	The amount per hundred.
5	Conversion	The act of changing a number from one form to another.

Topic 2 - Solving

1	Variable	A symbol for a current unknown value, typically x or y.
2	Equation	A statement with an equals sign in the middle of two expressions.
3	Formula	An equation that has a real life application.
4	Coefficient	The number in front of a variable.
5	Constant	A number in an expression or equation that is not attached to a variable.
		Coefficient Variable 4x - 7 = 5 Operator Constants

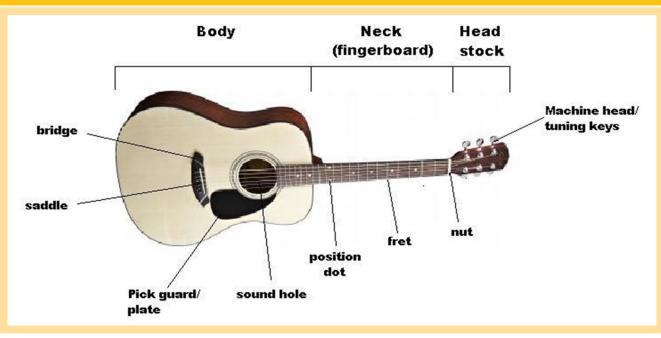
То	Topic 3 - Indices			
1	Index/power/ exponent	How many times we use this number in a multiplication. The plural of index is indices.		
2	Square number	The result of multiplying an integer by itself.		
3	Cube number	The result of multiplying an integer by itself twice.		
4	Square root	The factor that we can multiply by itself to get that number.		
5	Cube root	The factor that we can multiply by itself twice to get that number.		

Topic 4 - Proportion

1	Proportion	A mathematical comparison between two numbers
2	Ratio	A relationship between two numbers indicating how many times the first number contains the second.
3	Unit ratio	A ratio where the first number is 1. The ratio is written as 1 : n
4	Unitary method	A method used to decide which offer is best value for money, by finding the price for one unit then comparing the cost per unit.
5	Direct proportion	A relationship between two variables where as one increases, so does the other.
6	Inverse proportion	A relationship between two variables where as one increases the other decreases. 30

YEAR 9 Music The Guitar KNOWLEDGE ORGANISER

The Guitar

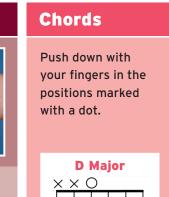


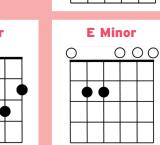
Using a plectrum

Hold the plectrum between your thumb and forefinger.



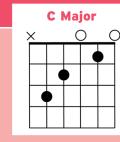
- 2 Hold it tight enough that you don't drop it but loose enough so it can move up and down.
- 3 Fan the rest of your fingers out, don't make a fist.





G Major

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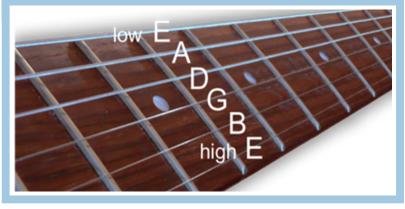
2

3

A Minor

Tunina

To tune up we need to know which notes each string is tuned to.



Left Hand Technique

Use the tip of your fingers and push firmly.



Push down just behind the fret. 2

Arch your fingers to make 'bridges'.

Right Hand Technique

- Only strum the strings you are meant to.
- Strum smoothly and evenly so the strings don't 'twang'.
- Use your fingers and palm to mute any strings that are accidentally 'ringing'.









<u>Personal Development- Year 9</u>



Autumn Term 2024 - Relationships and Sex Education (RSE)

	TERMS 25	Consent Clear boundaries Compromise Acceptance Characteristics of Respect
Key Term	Definition	healthy, romantic privacy Safety - free relationships
Reproduction	The biological process of reproducing offspring (i.e., children in the case of humans)	from abuse Mutual trust and
Fertilisation	The fusion of the female egg cell and the male sperm cell.	Good Honesty
Fertility	The ability to conceive children. Can be impacted by factors such as smoking, alcohol, drugs, medical conditions, diet.	Communication Form of contraception How does it work?
Consent	Giving permission without pressure, force, or manipulation. You have the freedom and capacity to agree. The age of consent for sexual contact is 16.	Form of contraception How does it work? Condom (male) A barrier method that reduces the chance of the sperm meeting the egg. Also reduces the risk of STIs and STDs. Femidom (female) A barrier method that reduces the chance of the sperm meeting the egg. Also reduces the risk of STIs and STDs.
Boundaries	Limits in terms of what you consider to be acceptable.	the sperm meeting the egg. Also reduces the risk of STIs and STDs.
Contraception	Methods used to reduce the chance of pregnancy. Some forms also reduce the risk of STIs/STDs.	reduce the chance of pregnancy.
Sexually transmitted diseases and	STIs and STDs - An infection (bacteria, virus, or parasite) or disease that is passed from one person to another through sexual contact.	Contraceptive injectionAn injection which alters a woman's hormones to reduce the chance of pregnancy.The implantA small plastic device placed in the upper arm which alters a woman's hormones to reduce
infections		the chance of pregnancy.

Physical Education Invasion Games

Key Vocabulary

1	Maintaining possession	Ensuring that your team does what it can to keep the ball/frisbee. The objective being that if your team has the ball/frisbee and the opposition doesn't, you're more likely to score and they are not.
2	Attacking tactics	A strategy to help your team when you are in possession of the ball/frisbee.
3	Defensive tactics	A strategy used to defend when your team are not in possession of the ball/frisbee.
4	Set play	Pre arranged movement usually taken from a restart such as a free kick/hit/throw. All players are clear on their roles during a set play.
5	Disguise	Coordinating an action which makes your opponent think you will carry out on action, when you are actually performing a different action e.g. looking and turning your body to the right then passing the ball to the left will disguise in which direction you play the ball.
6	Committing opposition players	The action of moving with the ball (apart from netball/frisbee) until you draw a defender towards you, pulling them out of position and creating space on the pitch/ court.
7	Link up play	A series of short, quick passes between players located in similar/same area of court/pitch.
8	Fast break	The action of moving rapidly with the ball when a player has space in front of them (not netball/frisbee).

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(Hockey, Football, Rugby, Basketball, Handball, Netball, Lacrosse, Ultimate Frisbee). An invasion game is where the objective is to attack the opposition's territory and score a goal or points. Fundamental skills and tactics across invasion games are often the same.



Cross Curricular Vocabulary

These are words which you are /will become familiar with when studying different sports:

1	Resilience	The ability to recover quickly from difficulties.				
2	Feedback	Information received to help you improve in future.				
3	Diligence	Careful and persistent work.				
4	Communication	Sharing information with others.				
5	Teamwork	Working cooperatively with others.				
6	Tactics	A plan to gain advantage or success.				
7	Cardiovascular fitness	The ability to exercise without tiring too quickly.				

Key Knowledge

Key information for success

- Invasion games are aimed around the concept of maintaining possession to attack and prevent attacks from the opposition. Attacking and defensive tactics are employed in order to outwit your opponent and to ensure the team works collectively to apply strategies successfully.
- Teams will often create set plays to outwit opponents which usually stem from a pause in play e.g. a free kick/throw/hit. Players will have a predetermined routine and will know their roles within this. Players will often try to disguise their actions to trick the opponent in to thinking they will do one thing when actually doing another.
- During play, an attacking player will try to keep the ball in order to commit opposition players. This frees up space around the defending player and makes attacking easier, increasing passing options. This also makes it easier for players to develop link up play as it creates space for the short passes to be made between teammates. Link up play is incredibly effective in maintaining possession in invasion games. If enough space is created during play, a player may choose to create a fast break which involves them moving at speed with the ball in to a space (or carrying out long passes in netball/frisbee) in order to get to the attacking area of the pitch / court as guickly as possible. This give defenders less time to recover and defend.

VEAR 9 INOWLEDGE Religious Studies Ethics

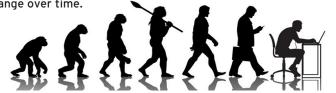
Ke	y Vocabulary		K	ey Peop	le			
1 2	Absolutism Altruism	The view that certain actions are inherently good or bad. Selfless actions done without thought or expectation of a reward.	1	Hannah Arendt		20th-century German philosopher who attended the trial of Adolf Eichmann in 1961 and wrote about 'the banality of evil'.		
3	Artificial intelligence (Al)	Computer systems that are able to carry out tasks normally done by humans.	2	Philippa Foot		20th-century English philosopher who designed the runaway train thought		
4	Artificial superintelligence	The name given to a possible future invention that is more intelligent than humans and can outperform us in everything.				experiment in 1967.		
5	The banality of evil	A phrase used by Hannah Arendt to describe how evil can result from ordinary, thoughtless behaviour.	3	John Locke	200	17th-century English philosopher who argued that when we are born, our mind is like a blank slate <i>(tabu/a rasa)</i> .		
6	Dualism	The belief that humans have both a body and another separate, immaterial part, such as a mind or soul.	4	Robert		20th-century American philosopher who		
7	Ethics	The philosophical study of right and wrong.		Nozick	200	used the example of an imaginary 'experience machine' to show that humans value more than simply pleasure.		
8	Holocaust	The killing of six million Jews by the Nazis in Germany between 1933 and 1945.						
9	Materialism	The belief that the only thing that exists is physical matter and the movement of this matter.	5	John Searle	25	20th-century American philosopher who used the example of the Chinese thought experiment to argue against Alan Turing's claim that computers can think.		
10	Morality	Ideas or principles about what is right and wrong.						
11	Relativism	The view that whether an action is good or bad depends on the situation.	6	Peter Singer		20th-century Australian philosopher and utilitarian who popularised the word		
12	Speciesism	A term popularised by Peter Singer to describe prejudice or discrimination towards animals.				'speciesism', which describes prejudice and discrimination against animals.		
13	Thought experiment	A mental test in which people think through consequences of different actions, often in scenarios that can't be tested out in real life.	7	Alan Turing		20th-century English computer scientist and philosopher who designed the Turing test to show whether a computer can think.		
14	Turing test	A test created by Alan Turing to try and show if a computer can think.				34		

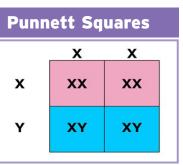
YEAR 9 KNOWLEDGE ORGANISER **Science** Topic 1: Inheritance

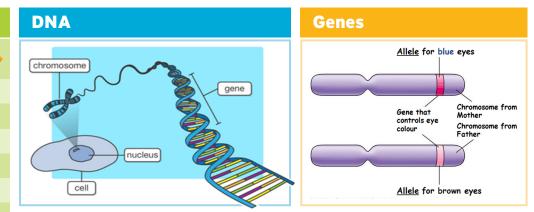
K	ey Vocabu	lary 🔗
1	DNA	A chemical made of two long molecules in a double-helix structure that carries genetic information.
2	Gene	A short section of DNA that carries information for a particular characteristic.
3	Allele	Different versions of the same gene.
4	Chromosome	A coiled strand of DNA. Humans have 46 in each cell.
5	Nucleus	Contains DNA.
6	Genetic	Relating to genes or heredity.
7	Forensic	Scientific methods involved in solving crime.
8	Heredity	The passing on of characteristics from one generation to the next.
9	Inherited	A characteristic received from one's parents.
10	Dominant	Takes precedence.
11	Recessive	Does not take precedence.
12	Variation	The difference between individuals in a species.
13	Continuous	Gradual change over a range of values.
14	Discontinuous	Change with a limited number of possible values.
15	Species	A group of similar organisms that can breed with one another.
16	Evolution	The change in the characteristics of a species over several generations.
17	Extinction	Reduction of the population of a species to zero.
18	Biodiversity	The variety of plant and animal life in the world or a particular habitat.

Evolution

Evolution is the process by which living things can gradually change over time.

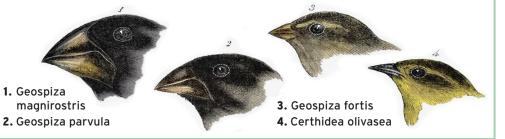




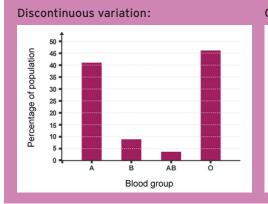


Natural Selection

Natural selection is a process where species changes over time. The organisms that are best adapted to their environment are more likely to survive and reproduce.'



Maths Skills: Can you interpret these graphs?



Continuous variation: Number of people in category than 130 135-139 140-144 145-149 155-159 130-134 150-154 160-164 165-169 170-174 an 174 ess Height category (cm) 35

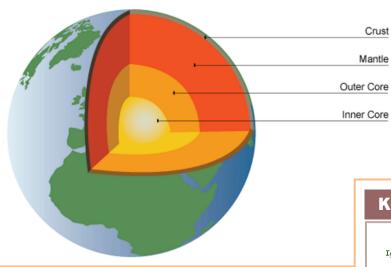
YEAR 9 KNOWLEDGE ORGANISER Science Topic 2: Earth and Atmosphere

Key Vocabulary

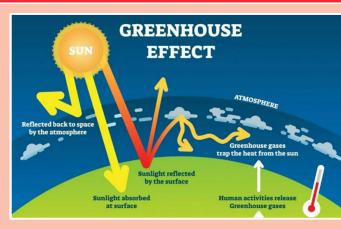
1	Atmosphere	The area around the Earth.
2	Biological weathering	Caused by animals and plants forcing their way through rocks.
3	Chemical weathering	When rocks are eroded by a reaction between chemical and rock.
4	Core	The inner part of the Earth.
5	Combustion	Also known as burning.
6	Crust	The part of the Earth we live on.
7	Erosion	Action of surface processes that removes soil, rock, or dissolved material from one location on the Earth's crust, and then transports it to another location.
8	Deforestation	The permanent or temporary removal of trees from an area of land.
9	Greenhouse effect	The process by which gases in the atmosphere contribute to raising the Earth's temperature.
10	Greenhouse gases	A gas that absorbs long wave radiation given off by the Earth but does not absorb the Sun's radiation.
-11	Global Warming	An increase in temperature at the Earth's surface.
12	lgneous rock	These form from molten magma and contain crystals.
13	Metamorphic rock	Rocks formed by heat and pressure.
14	Porous rocks	Rocks that water can soak into.
15	Recycling	The reusing of materials.
16	Sedimentary rock	These rocks are formed in layers over millions of years and often contain fossils.

The Structure of the Earth

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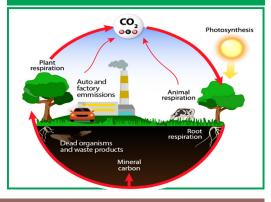
The Greenhouse Effect



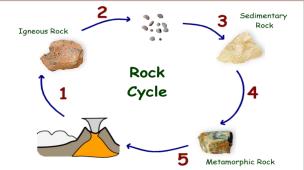
Radiation from the Sun has a short wavelength so can pass through the atmosphere.

Radiation from the Earth has a long wavelength that is absorbed by the greenhouse gases and re-emitted towards Earth, causing an increase in temperature.

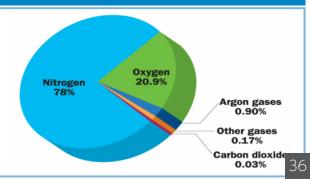
Key Idea - The Carbon Cycle



Key Idea - The Rock Cycle



Key Idea - The Composition of the Atmosphere



YEAR 9 KNOWLEDGE ORGANISER Science Topic 4: Electricity & Magnetism

Ke	ey Vocabular	у 🔗
1	Charge	Some particles have positive charge and some have negative charge. Electrons are negative and we get an electric current when these charged particles move through a wire. Charge is measured in coulombs (C).
2	Current	The rate of flow of electric charge around a closed circuit.
	Voltage	(Potential difference) The amount of energy transferred in a circuit.
4	Resistance	Anything in a circuit that slows down the flow of charge.
	Parallel circuit	Bulbs are connected separately to the battery, so the current has more than one path.
6	Series circuit	Bulbs are connected one after the other so there is only one path for the current.
7	Static	Electric charge that is trapped on an insulator.
8	Insulator	An object that heat and electricity flows through slowly or not at all.
	Electric field	The area where an electric charge can feel a force.
10	Magnetic field	The area where a magnetic material can feel a force.
11	Induced	A property that will only occur at certain times for example an induced magnet is a magnet at some times but not others.
12	Permanent magnet	A magnet that has a magnetic field all the time.
13	Motor effect	Using electricity and a magnet to create movement in a wire.
14	Generator effect	Using movement of a wire and a magnet to create electricity.

Top Tip:

Look back at the knowledge organiser for Yr8 T7 Electricity and Energy Production to help prepare for this topic. A lot of the information will overlap, and you will see it in this topic as well.

Static Electricity

Formed when friction occurs between objects. One object must be an insulator.

The electrons move from one object to the other. Gain electrons you become negative, if you lose electron you become positive.

Rules:

Opposite charges - attract Same charges - repel

Drawing a Magnetic Field

We can draw the magnetic field in two ways:

- 1 Using iron fillings to see where the magnetic field is.
- 2 Use a compass to locate the direction and shape of the magnetic field.

Electromagnets

Electromagnets are magnets that are turn on and off using electricity.

To make a strong electromagnet we can create a solenoid (coiled wire). We can also make the

electromagnet stronger

by increasing the current, increasing the strength of the magnet and add more coils.

Uses and Dangers of Static Electricity

Static electricity is used in photocopiers, spray painting cars, filtering factory smoke and defibrillators. They use opposite charges on different sections to cause an attraction.

When the electric field strength of a charged object is greater than the field strength of the air a spark can occur. This can cause an explosion.

Electric Fields

An electric field is where a charge will experience a force.



Basics of Magnetism

Magnets contain **dipoles**. When they are aligned, they make the material magnetic.

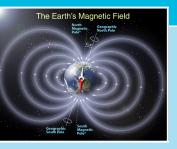
The strongest part of the magnet are the poles.

Permanent Magnet has a magnetic field all the time.

Induced magnet will have a magnetic field at certain times.

Magnetic Earth

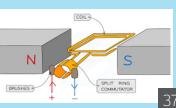
The Earth has a magnetic field because of it molten iron core. It protects us by stopping solar winds from stripping the atmosphere away from the surface.



DC Motors and Generators

DC motors use electricity and magnetic fields to create a movement (rotation) example are electric fans etc.

The brushes and split ring commutators stop the wires from tangling. Generators use movement of a wire and magnetic field to create electricity.



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ů v	he I
ISe	itt
you use a lot	le l
lot	NO
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			_				
7	TIME PHRASES	VERBS	OPINIONS	JUSTIFIERS	QUALIFIERS	ADJECTIVES	CONNECTIVES
R	Specify when something	Describe an	Explain what	Allow us to	Words that	Words that	Words which join
PE	is happening - in the	action, state	we think	answer the	make our	describe nouns	together two
U	present, past or future	or occurrence	about the	question 'why?'	describing	(people, places	different, but related,
SI	or whether we would	- i.e. a doing,	action or state	to give a reason	words even	or things).	parts of a sentence.
	like something to	being or	of being -	for our opinions	more		They allow us to
HI	happen in an ideal world	happening	positive or	usually using	interesting.		extend and develop
Т	(conditional).	word.	negative.	'because'.			our sentences.

YEAR ບ

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por lo tanto	es por eso que			(seria / serà)	dado que		ya que (fue∕era)	4. Justifiers	cuando tenga	mayor	cuando sea	mañana	en el futuro	pequeño/a	cuando era		va (no)	antes	ayer	en el pasado	semana	dos veces a la	ahora	Time Phrases
therefore	this is why		6	(it would be / will be)	because	used to be)	because (it was /		when I'm 18		when I'm older	tomorrow	in the future		when I was little	(I no longer)	already	before	yesterday	in the past		twice a week	now	
7.	•	0	00	7	σ	U	4	ω	N	-	ណ	=	0	V	D (00 ·	7	σ	ហ	4	ω	N	-	Ņ
7. Connectives		verdaderamente	solamente	evidentemente	desafortunadamente	absolutamente	especialmente	extremadamente	suficientemente	en parte	5. Qualifiers	podría	debería	d uisiei d		sería	с рга́	seré	fueron	tendrá	tendré	tuvo	tuve	2. Verbs
			only	obviously	nente unfortunately	absolutely	especially	te extremely	enough	partly		l, s /he could	l, s/he, should	i, s/iie, wuulu like		it. s/he would be	it s/he will he	l will be	they were	it / s/he will have	l will have	s/he/it had	I had	
7	σ	U	4	ω	N				รี		=	10		v	ω	7	σ		ហ	4	ω	N	-	μ
cansado	agradable	maravilloso	peligroso	estupendo	genial	gracioso	Adjectives		Lo peor es que		Lo malo es que	Lo mejor es que		Lo bueno es que	me apetece	me aburre	me interesa(n)		me molesta(n)	encuentro que	espero	prefiero	para mí	3. Opinions
tired, tiring	nice, pleasant	marvellous	dangerous	amazing	great	amusing			The worst thing is	is	The bad thing	The best thing is	thing is	The good	I'm keen to	it bores me	it interests me	me	it bothers	I find that	l hope	l prefer	for me	

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para + infinitive	aunque	mientras	pues	al contrario	en realidad	en resumen	para concluir	7. Connectives
in order to	although	while, whereas	so, well, well then	on the contrary	in reality	to sum up	in conclusion	

12	Ξ	ō	v	œ	7	σ	տ	4	ω	N	-	6	รั	≓	10	v
perfecto	extraordinario	enorme	excelente	agotador	cansado	agradable	maravilloso	peligroso	estupendo	genial	gracioso	Adjectives	Lo peor es que	Lo malo es que	Lo mejor es que	Lo bueno es que
perfect	extraordinary	enormous	excellent	tiring	tired, tiring	nice, pleasant	marvellous	dangerous	amazing	great	amusing		The worst thing is	The bad thing is	The best thing is	The good thing is

Spanish Topic 1: Daily Life UNIT 1: TECHNOLOGY



Core intent:

To be confident and competent in using verbs related to technology and the internet in a range of tenses.

Common phrases

Pı	ronouns	
2	A veces uso Whats App para organisar salidas con mis amigos pero nunca uso Snapchat ya que es malísimo.	Sometimes I use WhatsApp in order to organize going out with my friends but I never use Snapchat because it is really bad.
1	Uso mi móvil todos los días porque es muy práctico.	I use my phone every day because it is very practical.

La uso para compartir fotos	I use it (fem.) to share photos.
Lo uso para todo	I use it (masc.) for everything.

Present & Past Tense

usar = to use	present tense	preterite tense	imperfect	future & conditional
Yo (I)	USO	usé	usaba	usaré / usaría
Tú (you)	usas	usaste	usabas	usarás / usarías
Él/Ella (she)	usa	usó	usaba	usará / usaría
Nosotros (we)	usamos	usamos	usábamos	usaremos / usaríamos
Vosotros (you*)	usáis	usasteis	usabais	usaréis / usaríais
Ellos/Ellas (they)	usan	usaron	usaban	usarán / usarían

Key Questions

1	¿Qué aplicaciones usas normalmente?	What apps do you normally use?
2	¿Cómo usas tu movil todos los días?	How do you use your mobile phone every day?

Adjectives

1	Práctico	practical
2	Divertido	fun
	Popular	popular
4	Útil	useful
	Rápido	fast
6	Barato	cheap
7	Gratis	free
8	Caro	expensive
	Fácil de usar	easy to use
10	Adictivo	addictive
11	Peligroso	dangerous
12	Una perdida de tiempo	a waste of time
13	Malísimo	very bad
14	Aburridísimo	super boring
15	Soy adicto/a	I am addicted

Spanish Topic 1: Daily Life UNIT 2: MEDIA-TV & FILM

Ke	y Vocabulary	
1	la tele	television
2	los programas	the programme
	los programas de deporte/música	sports/music shows
4	los reality shows	TV reality show
	los programas para niños	children's show
6	las series	series
7	las telenovelas/ los culebrones	soap operas
8	los documentales	documentaries
	las noticias	the news
10	el pronóstico meteorológico	the weather forecast
11	las comedias	comedies
12	los concursos	game shows
13	los dibujos animados	cartoons
14	las películas	films
15	una película de horror / de acción / de ciencia ficción / de guerra/romántica	horror / action / science fiction / war / romance films

Core intent:

To be confident and competent in using verbs related to TV and film in a range of tenses.

Common phrases

S

	Normalmente veo la tele con mi familia porque es muy relajante.	Normally I watch television with my family because it is very relaxing.
2	Suelo ver los programas de deporte porque me fascinan. Sin embargo, no me gusta ver las películas de horror porque me dan miedo.	I always watch sports programmes because they fascinate me. However, I don't like to watch horror films because they scare me.

Present, Perfect & Future Tense

ver = to watch	present tense	preterite tense	imperfect tense	future & conditional
Yo (I)	veo	vi	veía	veré / vería
Tú (you)	ves	viste	veías	verás / verías
Él/Ella (she)	ve	vio	veía	verá / vería
Nosotros (we)	vemos	vimos	veíamos	veremos / veríamos
Vosotros (you*)	veis	visteis	veíais	veréis / veríais
Ellos/Ellas (they)	ven	vieron	veían	verán / verían

I usually watch TV with my family

Soler & Infinitive

To talk about what you usually watch.

Suelo ver la tele con mi familia

Key Questions

1	¿Qué te gusta ver en la tele?	What do you like to watch on TV?
2	¿Qué sueles ver?	What do you usually watch?

Comparisons		
1	másque	morethan
2	menosque	lessthan
	tancomo	asas

Opinions		
1	Me interesa(n)	I'm interested in
2	Me fascina(n)	it / they fascinate(s) me
3	Me hace(n) reír	it / they make(s) me laugh
4	Mi programa favorito es	my favourite program is
5	Me aburre(n)	it / they bore(s) me
6	Me molesta(n)	it / they annoy(s) me
7	Me da(n) miedo	it / they scare(s) me
8	Lo que más/ menos me gusta ver es	What I like to watch the most is/are

YEAR 9 KNOWLEDGE ORGANISER Spanish Topic 1: Daily Life UNIT 3: MEDIA-READING & MUSIC

Ke	ey Vocabulary	
1	leer	to read
2	leo	l read
	los libros	books
4	las revistas	magazines
	las novelas (de amor/ ciencia ficción)	(love/sci-fi) novels
6	el periódico	the newspaper
7	las historias de vampiros	stories about vampires
8	los tebeos/cómics	comics
	escucho	l listen to
10	la música pop/rock/ clásica	pop/rock/ classical music
11	la radio	the radio
12	toco	l play (for instruments only)
13	un instrumento	an instrument
14	la guitarra	the guitar
15	el piano	the piano
16	las canciones	songs
17	el cantante	the singer
18	la letra	the lyrics
19	la voz	the voice

Core intent:

To be confident and competent in using verbs related to use of different types of media in a range of tenses.

Key Questions ¿Qué te gusta leer/escuchar What do you like to read/ en tu tiempo libre? listen to in your free time? What do you think about ¿Qué opinas de las novelas/ la música pop? novels/pop music? **Common phrases** En mi tiempo libre, me In my free time, I like to read gusta leer las historias de vampire stories because they vampiros porque son muy are very entertaining. originales. I always listen to electronic Suelo escuchar la música electrónica para relajarme music in order to relax because in my opinion it is cool. porque en mi opinión es guay. Me encanta Ed Sheeran Llove Ed Sheeran because his porque sus canciones son songs are cheerful and he's alegres y es mi cantante my favourite singer. favorito. Opinions su música/voz es... his/her music/voice is... sus canciones/sus his/her songs/lyrics are... letras son... my favourite singer/group mi cantante/grupo favorito es... porque... is... because

Adjectives imaginativo/a imaginative original original guay cool upbeat/cheerful alegre entretenido/a entertaining emocionante exciting positivo/a positive negativo/a negative triste sad repetitivo/a repetitive largo/a long

Para = In order to		
1	para relajarme	in order to relax
2	<mark>para</mark> olvidarme del estrés del día	to forget the stress of the day
3	para pasar el tiempo	to pass the time
4	<mark>para buscar</mark> información	to look for information

Your notes

Your notes



Year 9 Knowledge Organisers Autumn Term 2024-2025