



Knowledge Organiser Spring Term Year 9



A Knowledge Rich Curriculum at Great Sankey High School

Research around memory suggests that if knowledge is studied once and not revisited or revised, it is not stored in the long-term memory. This means that after one lesson, or revising for one test, the knowledge will not be retained unless it is studied again. To ensure that knowledge is embedded in the long term memory it must be revisited frequently. Ensuring knowledge is embedded aids understanding, and in turn makes future learning more successful. To quote Daniel Willingham's learning theory,

"Thinking well requires factual knowledge that is stored in our long-term memory"

As part of home learning, students should be revising what they have been taught recently but also content they were taught previously. Therefore, as part of our strategy to embed learning over time we have developed knowledge organisers across years 7, 8 and 9. These will provide key content and knowledge allowing students to pre-learn and re-learn, a vital part of processing all the information required to be successful. This knowledge will form the backbone of assessments in school.

How to use your knowledge organiser

Knowledge organisers will be used in subject lessons, homework activities and form time and therefore you need to bring your knowledge organiser to school every day.

Ensuring that knowledge is retained into your long-term memory and you are ready for tests takes work!



To encourage students to build good study habits, students will be assigned homework quizzes on a week A through Class Charts and Teams. Students will be expected to use revision strategies such as read, cover, write, check to learn key knowledge and will then complete the quizzes to demonstrate their learning. Completion of these quizzes is an essential homework activity and will be closely monitored by the pastoral team.

Other methods that you may wish to try at home are listed below:

- Create mind maps.
- Create flashcards.
- Get sticky with your learning: write out key points from the KO as you read over it on post-it notes.
- Write your own basic recall quizzing questions around the keywords, definitions and key facts that you need to know. Test yourself with these questions and then leave it overnight to answer them the next day.
- Write your own challenging questions using the following command words explain, compare, evaluate. Then create a model answer for these questions.
- Put the key words from your KO into new sentences.
- Make mnemonics to remember the order of particular concepts.
- Draw a comic strip, storyboard or a timeline describing any series of events that have a chronological order.
- Write yourself or a partner some quiz questions. Quiz each other or swop your questions to see if you can answer each other's questions.
- Think about the big picture why is knowing specific information important to you/other people/society/companies/science/technology? The more links that you can make, the more meaningful you make your learning and the more likely it is that you will remember it. Think about the big picture are there any links in the content on your KO to anything that you have watched on TV, read about or heard in the news?
- Give yourself spelling tests.
- Definition tests.
- Draw diagrams of key processes or theories.
- Draw images and annotate/label them with extra information.
- Create fact files.
- Create flowcharts for descriptions or explanations that have a chronological order.
- Summarise in your own words each section.
- Get your parents/carers to test you.
- Pick out key words and write definitions.
- Pre-learning (read a section of your knowledge organiser prior to the lesson).
- Learn key quotes (if applicable). Consider what you may say about these quotes e.g. what the author is trying to make you think/feel, their choice of language, what can be inferred from it.
- Write a letter/blog/article to someone explaining a key idea or concept.
- Prepare to overcome any hurdles: write down any questions or any areas of the KO that you feel you need to speak to your teacher about.
- Use the guidance that may have been given with a specific KO to help you learn the information and use it.



"Don't practise until you get it right. Practise until you can't get it wrong."

Portable Knowledge in STEM



STEM stands for Science, Technology, Engineering and Maths, and it is important that you can see connections between each of these subjects. In the real world there are very few challenges that only require one set of skills. For example, you wouldn't be able to design a new app, video game or computer program without an understanding of all of the STEM concepts. This section of the knowledge organiser will show you how different STEM subjects have things in common, including examples of how you might use them, and how some things may actually appear slightly different from one subject to the next. As Geography is a Natural Science we can include that too.

EXAMPLE	SCIENCE	TECHNOLOGY & ENGINEERING	MATHS	GEOGRAPHY	
Tally chart	Can be used to record the number of pupils in different height ranges in biology.	Can be used when choosing a final design choice from a selection of draft designs.	Can be used to record the number of pupils with different eye colours or what their favourite colour, favourite animal or favourite subject is.	Can be used to used record the number of pedestrian or cars that pass a certain place.	
Pie chart	Can be used to display the number of pupils with different eye colours in biology.	Can be used to display results of a tally chart.	Can be used to display the number of pupils who travel to school in different way.	Can be used to display the use of renewable and non-renewable energy resources.	
Bar chart	Can be used to display the number of people with different blood groups in biology.	Can be used to display results of a tally chart.	Can be used to display the number of pupils with a different favourite sweet.	In geography the term histogram and bar chart are interchangeable and are used to	
Histogram	This is similar to a bar chart but the bars touch each other and they represent continuous data that is grouped, for example number of pupils in different height ranges in biology.	x	Can be used to display number of pupils in different height ranges.	range of countries for example.	
Line graph	Can be used to display the time taken for salt to dissolve at different temperatures in chemistry.	x	In maths, these are sometimes called scatter graphs or timeseries graphs. They can be used to display house prices or life expectancy.	Can be used to display temperatures of each month in different countries or rainfall in mm.	
Line of best fit	In biology a line of best fit can be point to point, but in chemistry they are most often a straight line. In all 3 sciences they could be a curve depending on distribution of the points. For example the extension of a spring in physics.	x	In maths, you might be asked to add a line of best fit to a scatter graph. It is always a straight line drawn with a ruler and can be used on graphs to show correlation between hours of revision and score in test or temperature and number of ice creams sold.	x	

Portable Knowledge in STEM

Hopefully this section of the knowledge organiser will help you spot where things crossover from one STEM subject to another as you move from lesson to lesson. REMEMBER some things are exactly the same, some are very similar but might be called different things, and some things are different altogether!

.....and don't forget STEM stands for Science, Technology, Engineering and Maths

EXAMPLE	SCIENCE	TECHNOLOGY & ENGINEERING	MATHS	GEOGRAPHY
Range	Range around a mean can be used with data for heart rate after exercise in Biology, amount of hydrogen gas produced in a chemical reaction in Chemistry and number of times a ball bounces in Physics.	x	Range around a mean can be used with data for heights, goals scored in a football match . In maths this includes looking at a table for ungrouped and grouped data.	Range when looking at rainfall and temperature data for different locations. Used when using development indicators such as literacy rate, life expectancy etc.
Mean, Median and Mode	Mean, median and mode can be used to analyse any sets of data with a range of results.	x	Mean, median and mode can be used to analyse any sets of data with a range of results.	Mean, median and mode can be used to analyse any sets of data with a range of results.
Continuous data	This is where you have any value in your data. In science an example would be length.	x	This is where you have any value in your data. In maths an example would be length.	This is where you have any value in your data. An example would be mm of rainfall.
Discrete data	This is where you have whole number values in your data. In science this is sometimes called discontinuous data. An example would be blood group or eye colour in Biology.	x	Sometimes called primary or secondary data. Examples include age, shoe size, result from rolling a dice or the number of pets people have.	x
Using co-ordinates	x	x	4 and 6 figure grid references are used when plotting in 4 quadrants and used in transformations.	Both 4 and 6 figure references are used across all topics in geography to locate places from a map.
Taking measurements that are accurate and precise	Accurate data is close to the true value and precise data gives similar results if you repeat the measurement. In science there are far too many examples to mention!	x	4 and 6 figure references used across all topics to locate places from a map.	Measurements and accuracy are really important when studying map skills, especially when looking at scale and distance.



Tier 2 Vocabulary

	Year 9 Term 2	Definition	Contextual Sentence
1	ratio	The relationship in quantity, amount, or size between two or more things.	We mixed the oil and water in a ratio of one to five.
2	rejected	Not given approval or acceptance.	The school rejected the idea of changing the uniform.
3	revenue	Money earned.	A cake sale boosted the revenue of the charity.
4	stability	The strength to stand, balance or endure.	Widen your stance for greater stability when hitting the ball.
5	style	A particular manner/ technique.	The letter is written in a formal style.
6	substitution	Replacement of one thing/person by another.	The manager decided to make a tactical substitution in the second half.
7	sustainable	Able to be maintained at a certain rate or level; to continue.	Cycling is a totally sustainable form of transport.
8	symbolic	Acting as a symbol.	The clock in the painting is a symbolic representation of the passing of time.
9	target	Something to be aimed for.	He missed the target by two inches.
10	transition	The process or a period of changing from one state or condition to another.	The transition from GCSE to A Levels can be challenging for some.

11	trend	A general direction in which something is developing or changing.	There has been a trend in the rise of global temperatures, due to global warming.
12	version	A form of something differing in some details from an earlier form.	The band performed a different version of the classic song.
13	welfare	The health, happiness and fortunes of a person or group.	Many people are becoming concerned about the welfare of farm animals.
14	whereas	In contrast or comparison with	The colour black absorbs heat, whereas white reflects it.
15	abstract	To extract or remove something.	Water is abstracted from the lake.
16	accurate	Exact, correct in all details.	You must be accurate when using quotes.
17	acknowledged	Recognised as being good or important. Accepted the validity or legitimacy of.	Henry acknowledged Richard as his successor.
18	aggregate	A whole (or a material) formed by combining several separate elements.	The specimen is an aggregate of rock and mineral fragments.
19	allocation	The action or process of sharing out something.	The team had an allocation of 500 tickets for the match.
20	assigned (2 definitions)	To give out a job/duty. To set something aside for a specific purpose.	She was assigned the task of collecting the books. The king assigned large amounts of money for defence.

21	attached	Joined or connected to something.	Each side of the box was attached with two screws.
22	author	A writer of a book, article or document.	Charles Dickens was a Victorian author who wrote 'A Christmas Carol'.
23	bond	To join or be joined securely to something else.	Heat the material to bond the layers together.
24	brief (2 definitions)	Of short duration; not lasting for long. A set of instructions given to a person about a job or task.	Write a brief description of the scene. His brief was to write an uplifting piece of music for the end of the film.
25	capable	Being able to do or achieve something.	He is capable of performing well on the stage.
26	cited (2 definitions)	To praise someone publicly for something the person has done. To draw attention to and use as evidence to prove a point.	He was cited for bravery. They cited the weather as a reason for cancelling the match.
27	co-operative (2 definitions)	Involving mutual assistance in working towards a common goal / willing to help. A business or other organization, owned and run jointly by its members, who share the profits or benefits.	They have been extremely considerate, polite, and co- operative. The farm was a successful co- operative.
28	discrimination	The unfair treatment of different people, especially on the grounds of race, age, or sex.	He fought against racial discrimination.
29	display	To put out on view / to show.	The display of cakes was amazing.
30	diversity	Being composed of differing elements.	Our oceans are home to a rich diversity of species.

31	domain (2 definitions)	Land owned by law. An area distinctively marked by some physical feature.	The forest is part of the king's domain. It is a domain of rushing streams, tall trees and lakes.
32	edition	A particular form or version of a published text or particular object.	You can buy the book in paperback or hardback edition.
33	enhanced	To improve the quality, value or extent of.	The image has been digitally enhanced to show more detail.
34	estate (2 definitions)	A large area of land in the country, owned by one person, family, or organization. An area developed for residential, industrial, or commercial purposes.	He inherited the estate from his parents. A large housing estate is being built in the north of the town.
35	exceed	To be greater in number or size.	The population will exceed 50,000.
36	expert	Having or involving a great deal of knowledge or skill in a particular area.	She is an expert at playing the guitar.
37	explicit	Stated clearly and in detail, leaving no room for confusion or doubt.	The instructions were explicit.
38	federal	A form of government in which power is shared between a central authority and a number of connected areas.	The federal governments of Canada and the U.S. have agreed on a plan to reduce air pollution.
39	fees	A fixed charge/ a sum of money paid	The admission fees are high.
40	flexibility (2 definitions)	The quality of bending easily without breaking. The ability to be easily modified.	Regular stretching improves your flexibility and reduces injuries. One of the best things about the restaurant is the flexibility of the menu.

Great Expectations

Great Expectations by Charles Dickens was first published serially in *All the Year Round* in 1860–61 and issued in book form in 1861. The classic novel was one of its author's greatest critical and popular successes. Considered a critique of Victorian society it also chronicles the coming of age of the <u>orphan Pip</u> while also addressing such issues as <u>social class</u> and human worth.

Plot		
Volume 1	Chapter 1-6	Christmas Eve, afternoon: Pip meets the convict (Abel Magwitch); Pip asked to steal file and "wittles" for them. Joe and Mrs. Joe introduced; g signal escaped convicts; Pip steals food and suffers from "wild fancies" in his guilt. The soldiers; Magwitch and Compeyson; Magwitch "confess to Pip's crime. Pip's guilt; Pumblechook describes Magwitch's "theft".
	Chapter 7-13	The reader is introduced to Pip's limited education (from Biddy). This is compared with Joe's lack of learning. Miss Havisham wants Pip to visit; sees Estella, Miss Havisham at Satis House: the gothic conventions are prevalent throughout Chapter 8. Estella seen as "a star" is Pip's eyes an derides him as he "calls knaves, Jacks" demonstrating his poor breeding. Pip lies about Satis House and what he sees. Pumblechook pretends t know; Pip tells Joe the truth. Joe Gargey goes to Satis House and is given twenty-fie guineas for Pip's time, he is now bound into an apprentice with Joe which he feels sullen about. Mrs. Joe feels slighted not to see Miss Havisham
	Chapters 14-19	Retrospective narrative reflection on Pip's shame and ingratitude – juxtaposed with this, Joe's virtues are described. The half-holiday: Joe fight Dolge Orlick and Mrs. Joe is assaulted. Biddy moves in to look after Mrs Joe. Jaggers tells Pip of his "great expectations" and secrecy of benefactive undergoes transition point in Chapter 19 as he visits Mr Trabb's shop and apparently without "boasting" flaunts his new wealth.
Volume 2	Chapters 20-26	Pip lodges with Herbert. Wemmick takes Pip to Barnard's Inn; Pip recognizes Herbert as "pale young gentleman". Herbert tells Miss Havisham story. Pip takes up rowing and living the life of a 'gentleman' as he spends his fortune. Mr Jaggers flaunts his housekeeper, Molly's wrists in a so of social power and male dominance. Pip is yet to realise Molly is Estella's mother.
	Chapters 27-33	Biddy writes to Pip asking if Joe can visit Barnard's Inn; he calls Pip "Sir" highlighting Joe's "simple dignity" that does not fit with the figure of the 'gentleman'. Pip reads in local paper that Pumblechook is his "patron". Pip visits Miss Havisham; Orlick is gatekeeper. Pip declares his love for Estella. Pip waits for Estella who is visiting London. Wemmick shows him Newgate (convict motif).
	Chapters 34-39	Pip and Herbert accumulate rather large debts and Mrs. Joe dies. Pip comes of age (November) and becomes responsible for his finances; asks Wemmick's advice for Herbert. Pip is to escort Estella and take her to Satis House; quarrels with Miss Havisham and discovers Bentley Drumm Estella's suitor. He leaves heartbroken. Pip is 23 now and Magwitch returns - revealing he is Pip's benefactor.
Volume 3	Chapters 40-44	The man on the stairs, "Provis" comes to stay; Jaggers confirms his story as Pip's benefactor. Herbert then meets Magwitch/"Provis". Herbert advises Pip to take Magwitch out of the country; they ask him about his life. Pip tells Estella he loves her but Estella is set to marry Bentley Drummle.
	Chapters 45-50	Pip feels he is being watchedHe fears Estella is married but will not make sure. Pip dines with Jaggers; Estella is married. Pip recognizes Moll her mother and Wemmick tells of Molly's trial. Chapter 49 sees Miss Havisham's confession and repentance; Estella's adoption and the fire. Pi "I forgive her". Herbert tells of Magwitch's child and Pip knows Estella is his. Magwitch said that Pip reminded him of her.
	Chapters 51-59	Jaggers explains Estella's adoption and advises that Pip keep it secret. Orlick's confession and attempted revenge; Pip rescued by Trabb's boy a Herbert. Magwitch's escape is thwarted; Compeyson drowned and Pip reconciled to his benefactor, Magwitch. Pip's wealth is forfeited to the crown. Magwitch convicted and sentenced; Pip tells him, before his death, of Estella. Pip becomes ill and is arrested for debts but rescued by Orlick ends up in jail. Miss Havisham's will is read and Pip plans to propose to Biddy. Satis House goes up for auction and Joe marries Biddy. Ele years later, Pip returns; sees young Pip and meets (widowed) Estella at Satis; "no shadow ofparting".

Characters	
Pip Pirrip	Miss Havisham
Felicitous, Timid, Susceptible, Bourgeois, Improvident, The Fortunatus Prototype	Decrepit, Megalomaniac, Spectral, Affluent, Desolate, Disconsolate, Wretched,
	Evasive, Tacit
The Bildungsroman's protagonist , Pip is an orphan serves as the apprentice of the	
gentle blacksmith Joe. When he unexpectedly comes into a fortune, Pip grows	The wealthy daughter of a brewer, Miss Havisham was abandoned on her
haughty and extravagant in pursuit of a lifestyle genteel enough to meet the refined	wedding day by her fiancée (Compeyson) and, traumatized. She preserves herself
standards of Estella. Confusing personal integrity with public reputation, Pip is cruelly	and her house in wedding regalia, shutting out the world for over twenty years. To
disloyal to Joe and Biddy, avoiding them because of their lower class. Still, Pip learns	exact her revenge on men, Miss Havisham adopts and raises Estella to be beautiful
to judge people by internal rather than superficial standards and redeems himself by	and desirable but completely heartless. Miss Havisham is capricious, manipulative,
repenting sincerely and reforming his personal values.	bitter, and, until novel's end, unable to recognize anyone's pain but her own.
Estella	Biddy
Morally Bankrupt, Haughty, Vainglorious, Contemptuous, Disparaging, Insolent	An orphan Pip meets at the village school, Biddy moves into the forge to help out
The adopted daughter of Miss Havisham, Estella is proud, refined, beautiful, and cold,	after Mrs. Joe's attack and later becomes a schoolteacher. She is humble, kind,
raised by Miss Havisham to "wreak revenge on the male sex". Miss Havisham has	moral, and fiercely intelligent, absorbing knowledge without any formal education.
raised her to lack a true human heart and she is unable to love.	She is also sharply perceptive and sees through everyone's pretensions, calling Pip
	out on his delusions and snobbery long before Pip can recognize them.
Joe Gargery	Mrs Joe
Virtuous, Recitude, Magnanimous, Doleful, Obsequious, Uncouth	"Capricious", Tyrannical, Condensing, Choleric
Joe is a father figure for Pip throughout Pip's childhood and his tender kindness	Mrs. Joe is fiery, tyrannical, and false, harping on her own victimhood even as she
protects Pip from Mrs. Joe's harsh parenting. Joe has no formal education but	abuses Pip and Joe. She is obsessed with social status and reputation. Yet, after the
possesses a deep sense of integrity and an unfailing moral compass. Joe is loyal,	attack by Orlick that gives her brain damage, Mirs. Joe's personality changes
generous, and kind, and acts lovingly towards Pip even when Pip's is ungrateful.	completely and she becomes patient, compassionate, and docile.
. Provis (a.k.a. Abel Magwitch) (a.k.a. the convict)	Mr Jaggers
The same escaped convict Pip helps in the novel's opening scenes. Provis' gratitude	Supercillous, Judicious, Erudite, Retributive, Sagacious, Obdurate
towards Pip inspires him to devote his life-savings to Pip, becoming Pip's anonymous	A famous lawyer in London, Mr. Jaggers is Pip's guardian and the middleman
patron. Cruelly swindled by Compeyson, Provis has lived a life in and out of prison.	between him and his patron. IVIT. Jaggers also works for IVIISS Havisham. He is
still, his criminal record is largely the result of unfortunate circumstances, not	rational, sharp-minded, and intimidating. He prides himself on heither expressing
Character, for Provis is kind, good-nearted, and immensely generous.	nor responding to numan emotion.
Bentley Drummle	Herbert Pocket
Viuciniavenian Prince, Guaraea	Loyal, Aspirational, Invariable, Enduring
benuey Drumme studies with Pip. He is a weating heir to a baronetcy, upper class	The spectrum in London where he works in a counting house as a marchant. He
according to the old system of inherited rank. Described as rule, proudand	choorfully holps Din through all of Din's struggles
suspicious," Drummie is Pip's nemesis. He pursues Estella.	cheerfully helps Pip through all of Pip's struggles.

Themes: Ambition and self-improvement, social class, crime and guilt, innocence and justice, familial connections, revenge, redemption, avarice, setting

The Art of Rhetoric

Definition: the art of effective or persuasive speaking or writing, especially the exploitation of figures of speech and other compositional techniques.

What is Rhetoric?

- Rhetoric means the art of persuasion. The art of getting people to think and do what you want.
- Athens, in Greece, is seen as the birthplace of rhetoric.
- People started studying rhetoric because a man's success in Athens depended on his ability to persuade people to vote him into power.
- It was believed that if one mastered rhetoric, they would be able to win any argument without any prior knowledge of the topic.
- Every time we write, we engage in debate or argument. We try to persuade our readers both directly and indirectly. We want them to change their mind, complete an action or think in a new way.

What is a rhetorical situation?

- The purpose of writing what is the writer trying to achieve or what argument is the writer trying to make?
- The intended audience who are you appealing to?
- The writer/ speaker.
- The form of communication.
- The allotted time for the message.
- The political, social or cultural implications.

Aristotle and The Aristotelian Triad

- Aristotle was an Ancient Greek philosopher who established many of the traditions and devices that define what rhetoric is.
- He saw these features as underpinning all good persuasive language.
- The Aristotelian Triad: strategies people use to appeal to their audiences

What is Logos?

- Logos is the appeal to an audience's logic and rationality. It can be found in argumentative writing, persuasive writing, literature and poetry.
- In Greek, logos means "reason", "discourse" and plea".
- Aristotle believed that logos was more important than pathos and ethos as the effectiveness of an argument depended on a strong, logical appeal.

Referring to facts and figures

Citing relevant, current statistics

Providing examples

Including and addressing an opposing view

What is pathos?

- Pathos is an appeal to an audience's emotions in order to evoke feeling.
- In Greek, pathos means "suffering" and "experience"
- Aristotle believed that pathos is a means of awakening people's emotions in order to sway their opinion towards that of the speaker.
- It is important to use pathos through creating a balance between the triad.

What is ethos?

- Ethos is an appeal to the audience through establishing credibility, knowledge and a strong moral character.
- Ethos is used to establish authority on a subject and to build trust with the reader.
- In Greek, ethos means 'moral character'

Providing evidence from relevant and credible sources

Referring to relevant work or life experiences

Key Vocabulary	Definition	Contextual Sentence
Anaphora	Repetition of the same word or phrase at	In every cry of every Man,
	the beginning of a line.	In every infant's cry of fear,
		In every voice, in every ban, (London, William Blake)
Direct Address	A speaker is talking directly to an individual	You have the power to change the world.
	or group. It can be a pronoun, a proper	We must work together to save our planet.
	noun or a collective noun.	
Hyperbole	Deliberate exaggeration for effect.	I'm so hungry, I could eat a horse.
		I'm dying of thirst.
Imperatives	Expressing a command, request or strong	Sit down and eat your lunch.
	encouragement.	Tell your friends about the dangers of fossil fuel.
Metaphor	A comparison between two unlike things,	Time is money.
	this describes one thing as if it were	He's buried in a sea of paperwork.
	identical.	
Facts	Information used as evidence or as part of	The best place in the world to see rainbows is in Hawaii
	a report/ news article. It is known or can be	Recent droughts in Europe were the worst in over 2000 years.
	proved to be true.	
Opinions	A view or judgement formed about	All schools should teach survival skills in the event of a nuclear war.
	something.	To solve traffic, we should invest in trains and subways.
Emotive Language	Certain word choices create an emotional	The innocent victims
	response in the reader.	The government will slash interest rates
Rhetorical Questions	A question asked in order to make a point	Who wouldn't want to be a millionaire?
	rather than get an answer.	Do we really want our planet to survive?
Triplet	A collection or group of three. It can be	The key to survival is: preparation, planning and positivity.
	words, phrases or sentences.	

	Торіс		What is the etymology of the word	algebra?	
Year 9 Mathematics Knowledge Organise	r Algebra	The word algebra comes from the Arabic: الجبر, romanized: al-jabr, lit. 'reunion of broken parts, bonesetting' from the title of the early 9th century book Ilm al-jabr wa l-muqābala (The Science of Restoring and Balancing) by the Persian mathematician and astronomer al-Khwarizmi.			
	Algebra Review		Factor	Factorising	
Expressions	Identity	Simplifying expressions: +/-	• finding the factors of an e	expression	
One or a group of mathematical symbols representing a number or quantity	Where the two expressions are exactly the same, this is denoted by	When we collect like terms the sign before the term tells you what to do	• factorising is the reverse	of expanding brackets.	
An expression can include numbers,	the symbol \equiv	with it a+a+a = 3a	Factorising – aka "wh	ack it into brackets"	
grouping symbols (see BIDMAS)	Examples $4(x + 7) = 4x + 28$	4a + 2b - 3a + 5b = a + 7b $5k^{2} + 3k - 2k - 4k^{2} - k^{2} + k$	Factorising -	- 1 bracket	
Expressions do not contain equality or inequality signs Examples	$6x + 4y + 2x - 3y \equiv 8x + y$ $x^{2} + 10x + 11 \equiv (x + 5)^{2} - 14$	4rt + 6rt + 5r + 3t = 10rt + 5r + 3t $Remember!$ Only like terms can be collected	Look for a number (the HCF!),	5x + 15 = 5(x + 3) 10x - 12 = 2(5x - 6)	
4x + 6y, 8x ² , 2(x + 4y), b ² + c ² Equations	Inequality	Simplifying Expressions: ×/÷	or a letter that is common to	ab + ac = $a(b + c)$ $x^{2} + 6x = x(x + 6)$ wig + wam = $w(ig + am)$ 10xy + 15y = 5y(2x + 3) $8x^{2}y + 4xy^{2} = 4xy(2x + y)$	
A mathematical statement containing an equal sign, showing that the two signs are equal. An algebraic equation has specific	containing t the two specific Specific	Multiply or divide the numbers, multiply or divide the letters, and then put them together 5b × 8n = 40bn	each term in the expressionit could even be both letters and a number!		
values that can allow it to work Examples	values that can allow it to work Examples 2005 E 10 200 E 10 200 200 E 10		Rearranging (aka Changing the Subject)	Substitution	
4 + 7 = 11, x + 5 = 12, 4x + 3y = 27 x ² - 5x + 14 = 0, $\frac{3x}{2}$ + 5 = 17	5 < 2x ≤ 20	Remember if you have powers! When multiplying, you add the powers When dividing, you take the powers	A very powerful thing that Algebra can do is to rearrange a	Substitution means putting numbers where the letters are	
Formula	Writing Expressions	Expanding Brackets	formula so that another variable is the subject.	Example	
A mathematical rule using symbols, usually as an equation describing a certain relationship between quantities	5 more than x x + 5 7 less than k k - 7 Double y 2y y split by 7 y ÷ 7	Expand everything on the outside by everything on the insideand simplify if needed Expanding by a single bracket 5(x+3)+6(x-4)	The subject of a formula is the single variable (usually on the left of the "=") that everything else is equal to.	If a = 3, b = 7 and c = -1 find the value of 2a + 4c Answer	
Examples	b squared b ²	5x+15+6x-24 = 11x-9	Example	$= 2 \times 3 + 4 \times -1$	
v = u + at, P = 2w + 2l, A = πr^2 , $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	I think of a number, add 4 and cube the result $x \xrightarrow{+4} x + 4 \xrightarrow{cube} (x+4)^3$	Expanding two brackets $(x+7)(x-4)$ = $x^2+3x-28$ $x^2-4x+7x-28$ How you expand it out is your call -	Rearrange y = 3x + 7 to make x the subject Answer $x = \frac{y-7}{3}$	= 6 + (-4) = 2	
		Crab's Claw, FOIL, the choice is yours	5		

Voor 9 Mothematics	Торіс	Where does the word 'proportion' come from?	
Knowledge Organiser	Ratio and Proportion	The word came from late Middle English: from Old French, from Latin proportio(n-), from pro portione in respect of its or a person's share.	

Ratio

A ratio compares values.

A ratio says how much of one thing there is compared to another thing.

Examples



These relative values in a ratio are often called part-part or part-whole.

Equivalent Ratio

Equivalent ratios (which are, in effect, equivalent fractions) are two ratios that express the same relationship between numbers.

We can create equivalent ratios by multiplying or dividing both the numerator and denominator of a given ratio by the same number.

Example

Equivalent ratios are formed by multiplying or dividing all their terms by the same number.					
×	2	x2 1	x5 V	(10	
2:3	4:6	<mark>8:12</mark>	40:60	400:6	00
×	2	x2 ~	x5 ~ ~	10	
	÷10	¥ 👍	÷2	÷	2
800:10	<mark>8 00</mark>	<mark>0:100</mark>	16:20	<mark>8:10</mark>	4:5
	÷10	a 🔶	-2 -2		2

Ratio in the form 1:n or n:1

In order that a ratio is written in the form 1:n we must make the **left hand side** equal to one.

In order that a ratio is written in the form n:1 we must make the **right hand side** equal to one.

Example

To write a ratio in the form 1 : n, divide both sides by the **left-hand** number.

6:9 = 1: 1.5

To write a ratio in the form n : 1, divide both sides by the **right-hand** number.

6: **9** =
$$\frac{6}{9}$$
: **1** = $\frac{2}{3}$
: **1**

Proportion

Proportion is a mathematical comparison between two numbers.

Being in **proportion** means that two ratios or fractions are of equal value.

Examples

1:3 = 2:6 so they are in proportion

 $\frac{1}{2} = \frac{2}{4}$ so they are in proportion.

Direct Proportion

Two quantities are said to be in **direct proportion** if they increase or decrease in the same ratio.

If two amounts are **directly proportional** we can scale the quantities up by multiplying.

Example

The wages for a job are paid at an hourly rate.Salary = Hourly Rate × Hours WorkedHourly Rate = \$20.00 per hourHours WorkedSalary1\$202\$403\$604\$80

Inverse Proportion

Inverse proportion is when one value **decreases** at the same rate that the other **increases**.

Examples

Year 9 Mathematics Topic Knowledge Organiser Statistics The ONS is the UK's largest independent producer of official statistics and its recognised national statistical institute. They are responsible for collecting and publishing statistics related to the economy, population and society at national, regional and local levels. They also conduct the census in England and Wales every 10 years.

Averages and Spread Hey diddle diddle, the median's the middle You add then divide for the mean The mode is the one you see the most And the range is the difference between Yeah Median Mean Find the median of Find the mean of 6, 4, 3, 6, 7, 11, 9, 15 8, 6, 2, 3, 11, 12, 0 Put the numbers in order, Find the sum of the numbers. smallest first 9 11 15 Total = 423466 There are two numbers in There are 7 items in the the middle, 6 and 7 - find data set (the numbers) so we halfway between them will divide by 7. $(6+7) \div 2 = 6.5$ 42 ÷ 7 = 6 So 6 is the mean So 6.5 is the median Mode Range Find the mode of Find the range of 1, 3, 6, 4, 3, 2, 7, 8, 10 2.6, 3.7, 2.1, 8.4, 2.9, 3.6 Find the number that appears Find the Highest and Lowest the most (Putting them in numbers and calculate order can help). Highest - Lowest 3 appears the most Highest = 8.4 Lowest = 2.1

Range = 8.4 - 2.1 = 6.3

(twice) so 3 is the mode



Bar Chart

The Bar Chart Checklist

A title explaining what the bar chart means.

□ Labels that tell you what each bar means. This could be a key or just a label underneath the line that runs along the bottom of the bar graph (the horizontal axis).

□ The line going up the left-hand side of the bar graph (the vertical axis) must have numbers at equal intervals (a scale). This tells you how big the bars are so that your reader can read the data.

Two-Way Tables aka Carroll Diagrams

Two-way tables are used to study the relationship between categorical variables. They are also known as Carroll Diagrams and are named after Lewis Carroll (who wrote Alice's Adventures in Wonderland)

ł	Dominant Hand Sample: 20 toddlers, 20 18 year olds.			nd lers, s.
		Left	Right	Totals
	2 years	9	11	20
	18 years	15	5	20
	Totals	20	20	40
nd)				

Pie Chart

A **Pie Chart** is a graph using a divided circle where each section represents a percentage of the total. Each section represents a percentage (or a proportion) of the total

The Pie Chart Checklist

Remember that there are 360° in a circle so each group in the pie chart will be a proportion of 360°.

Draw a circle and mark the centre of the circle
Draw a radius from the centre of the circle vertically upwards
Then use your protractor to measure the degrees of each sector.
Finish up by colouring each sector and giving it a label like

"Comedy: 4 (20%)" etc.

And don't forget a title!

Scatter Diagrams

A **scatter diagram** is a diagram where points are plotted to show the relationship (correlation) between two variables.



Mathematics Command Words – Tier 2 Vocabulary					
Assess	Calculate	Compareand/to/with	Convert	Draw	
Make a judgement or decision based on the information you have.	Work out, showing your method where necessary.	Work out or identify the values required and say which is smaller/larger, etc.	Change a value from one numerical form to another or a measure from one unit to another.	Give an accurate depiction of a graph, map, diagram, etc.	
Example Application	Example Application	Example Application	Example Application	Example Application	
Assess the statements below and decide whether they are true or false	<u>Calculate</u> the missing angles in this diagram	<u>Compare</u> the following calculations and say which is larger.	Convert 0.74 into a fraction in its simplest form.	<u>Draw</u> the graph of $y = x^2$ or values of x from –2 to 2	
Ectimate	Evolain	23% 01 50 01 00% 01 20	Give a reason why	Is this correct?	
After rounding given values, give an approximate answer to a calculation or measurement.	Give reasons or examples of why or how.	Figure out or work out the answer or missing piece of information	Show a calculation and/or written evidence to support the given statement.	Give an argument, with reasons, whether the statement is correct or not.	
Example Application	Example Application	Example Application	Example Application	Example Application	
Estimate the answer to $\frac{8.62 + 22.1}{5.23}$ giving your answer to 1 significant figure.	Use the table to <u>explain</u> how you can tell the conversions cannot all be exact	<u>Find</u> a fraction that is greater than 0.3 but less than 0.4.	<u>Assess</u> the statements below and decide whether they are true or false	Jamal writes the following calculation $\frac{3}{7} - \frac{2}{5} = \frac{15}{35} - \frac{14}{35} = \frac{1}{35}$ Is he correct?	
Measure	One has been done for you	Show working to support your answer	Work out	You may use to help you	
Use a ruler to measure a length or a protractor to measure an angle.	The given example shows the format in which the rest of the answers are required.	If you have made a decision, give a calculation (and wording where it helps) that shows why you made it.	One or more calculations will usually be necessary.	A diagram or table has been given that may be helpful in organising your working, but you do not have to use it.	
Example Application	Example Application	Example Application	Example Application	Example Application	
<u>Measure</u> the angle ABC correct to the nearest degree	The properties of the quadrilaterals are placed into a table. Complete the table. The first <u>one has been done for you</u>	Anya says the answer is _ Deion says the answer is Who is correct? Show working to support your answer	Work out three-quarters of one-fifth of 100	Find the angle x, you may use the diagram to help you, including writing on the diagram if needed.	



	Year 9	Biology: Cells and Transport Key Vocabulary
Key Word	Definition	Contextualised Sentence
Active site	The site on an enzyme where the reactants bind.	The substrate and the enzyme joined together at the active site during the chemical reaction.
Amino acids	Molecules made up of carbon, hydrogen, oxygen, and nitrogen that are the building blocks of proteins.	During digestion, proteins are broken down into amino acids.
Amylase	Enzyme that speeds up the digestion of starch into sugars.	The salivary glands produce amylase when food is broken down by the mouth.
Bile	Neutralises stomach acid to give a high pH for the enzymes from the pancreas and small intestine to work well.	The liver produces bile to prevent the stomach acid from damaging the small intestine.
Carbohydrases	Enzymes that speed up the breakdown of carbohydrates into simple sugars.	The breaking down of carbohydrates during digestion is catalysed by carbohydrases.
Carbohydrates	Molecules that contain only carbon, hydrogen, and oxygen. They provide the energy for the metabolism and are found in foods such as rice, potatoes, and bread.	Professional athletes often have a diet that is rich in carbohydrates.
Catalyst	A substance that speeds up the rate of another reaction but is not used up or changed itself.	Protease acts as a catalyst when proteins are broken down during digestion.
Denatured	The breakdown of the molecular structure of a protein so it no longer functions.	The enzyme had stopped working as the temperature had became too great, causing the enzyme to become denatured .
Differentiate	The process where cells become specialised for a particular function.	Body cells often differentiate , allowing different types of tissues to be formed so organs can be made.
Digestive system	Organ system where food is digested and absorbed.	In order for the nutrients to be absorbed, food must pass through the digestive system.
Enzymes	Biological catalysts, usually proteins.	Lots of chemical reactions that occur during digestion are made quicker by the use of enzymes .
Fatty acids	Part of the structure of a lipid molecule.	Cheese is an example of a food that is lipid rich, and so it will contain lots of fatty acids.
Glycerol	Part of the structure of a lipid molecule.	For every one glycerol molecule, there are 3 fatty acids within a lipid.
Lipase	Enzymes that speed up the breakdown of lipids into fatty acids and glycerol.	The breaking down of lipids during digestion is made quicker by the presence of lipase enzymes.
Lipids	Include fats and oils and are found in foods such as butter, olive oil, and crisps. They are made of carbon, hydrogen and oxygen.	Lipids are an important part of your diet as they keep you warm by providing a layer of insulation under your skin.
Proteases	Enzymes that speed up the breakdown of proteins into amino acids.	The breaking down of proteins during digestion is made quicker by the presence of protease enzymes.
Proteins	Molecules that contain carbon, hydrogen, oxygen, and nitrogen and are made of long chains of amino acids. They are used for building the cells and tissues of the body and to form enzymes.	Meat, eggs, and nuts are examples of food that are rich in proteins .
Simple sugars	Small carbohydrate units, for example glucose.	Energy drinks often contain simple sugars.

Year 9 Chemistry: Chemical Reactions



Year 9 Chemistry: Chemical Reactions / Atomic Structure



			Year 9 Phys	sics: Introduction	to Forces Knowledge	
 Scalar Quantity: Has direction. Speed, time, mass have a value. 100kg, 15m, 120s Vector Quantity: Has directions. Velocity, accelerat Can have a +ve or -ve 20m North, +15m Representing Vectors: 	Scalars and Vectors a magnitude but no s, distance. Will only ever a magnitude AND a tion, force, displacement e value. ./s, 100N left	Resultant Force The overall force acting on an object Add together when in same direction 50N = 150N Left Subtract when in opposite direction 50N = 50N Left	Forces between objects Newton's Third Law: Every action h a reaction that is equal in size, bu opposite in direction. The table pushes on the box Only appl when looking a two object interaction	has t les at cts ng Force (N) :	 Law (Require Practical) The extension of an object (such as a spring) is directly proportional to the force applied to it, also long as the limit of proportional has not been exceeded. Spring Constant (N/m) x Extension (m) (k = spring constant) 	
Arrows are used. They show directionand magnitude Contact and non-contact Forces Contact: When two objects interact with each other by touching. Friction, air resistance, tension, normal contact, reaction. Non-Contact: When two objects do not touch when they interact. Magnetism, electrostatic, gravity.		Remember: Force is a vector. It needs magnitude AND direction Balanced and Unbalanced Newton's First Law: An object at rest stays at rest and an object in motion stays in motion with the same speed and in the same direction unless acted upon by an unbalanced force.	 The box pushes on the table <u>Terminal Velocity</u> 1) At the start, the object accelerate downwards due to the force of gravity. 2) As the object's speed increases, frictional forces such as air resists or drag increase. 3) At terminal velocity, the weight object due to gravity is balanced the frictional forces, and the resuforce is zero. 	es <u>Weight</u> the force acting on the object mass due to gravity Weight (N) = mass (Kg) x gravity (N/Kg)	Centre of mass "The centre of mass of an object is the point at which its mass can be thought of as being concentrated"	
Key Vocabulary Definition				Cont	extual Sentence	
Displacement	distance in a given directio	n () i to (The boat had a displacement of	120m North	
Driving Force	force of a vehicle that mak	es it move (sometimes referred to as motive	e force)	The engine provided the driving force for the car		
Forces	a force (in newtons, N) car	change the motion of an object		Weight, friction and air resistance are all examples of forces .		
Free-body diagram	a diagram that shows the f	orces acting on an object without any other	objects or forces shown	The Physics used a free body dia car.	agram to show the force acting on a moving	
Friction	the force opposing the rela	ative motion of two solid surfaces in contact	Ice is slippery as there is very litt	le friction.		
Magnitude	the size or amount of a ph	ysical quantity	The magnitude of gravity of Eart	th 9.8 N/Kg		
Newton's First Law	if the resultant force on an the same speed in the same	object is zero, the object stays at rest if it is ne direction	stationary, or it keeps moving with	The forces on the accelerating ca Newton's First Law.	ar were unbalanced, which proves	
Newton's Third Law	when two objects interact	with each other, they exert equal and oppos	Newton's Third Law explains wh	ny a canon recoils when it is fired.		
Resultant Force	a single force that has the	same effect as all the forces acting on the ob	oject	If 100N acts right on a box, and 2 right.	20N acts left, the resultant force is 80N	
Scalar	a physical quantity, such a and direction)	s mass or energy, that has magnitude only (unlike a vector which has magnitude	Speed, mass and distance are all	scalar quantities.	
Vector	a vector is a physical quant (unlike a scalar which has i	tity, such as displacement or velocity, that h magnitude only)	as a magnitude and a direction	Velocity, weight and displaceme	nt are all vector quantities.	





Key Vocabulary	Definition	Contextual Sentence	
Amplitude	the height of a wave crest or trough of a transverse wave from the rest position.	The musical note was louder because it had a very large amplitude	
Compression	squeezing together	The sound wave move trough air as a series of compressions and rarefactions.	
Echo	reflection of sound that can be heard	The sound wave reflected of the tunnel in the form of an echo	
Frequency	the number of wave crests passing a fixed point every second	The musical note was high pitched as it had high frequency.	
Longitudinal waves	waves in which the vibrations are parallel to the direction of energy transfer Sound and ultra-sound are all examples of longitudinal waves.		
Mechanical wave	vibration that travels through a substance	Water waves are examples of mechanical waves.	
Oscillate	move to and fro about a certain position along a line	The particle was made to oscillate as the sound wave passed through the air.	
Rarefaction	stretched apart	The sound wave move trough air as a series of compressions and rarefactions.	
Speed	the speed of an object (metres per second) = distance moved by the object (metres) ÷ time taken to move the distance travelled (seconds The speed of sound in air is 330 m/s		
Transverse wave	a wave where the vibration is perpendicular to the direction of energy transfer	Microwaves, gamma rays and X-rays are all examples of transverse waves.	
Vibrate	oscillate (move to and fro) rapidly about a certain position The ground was made to vibrate as the s wave passed through the earth		

Year 9 Physics: Introduction to Forces Knowledge Hooke's Law (Require Practical) **Scalars and Vectors Resultant Force** Forces between objects The **extension** of an object Scalar Quantity: Has a magnitude but no The overall force acting on an object Newton's Third Law: Every action has (such as a spring) is **directly** direction. a reaction that is equal in size, but Add together when in same direction proportional to the force Speed, time, mass, distance. Will only ever opposite in direction. 50N applied to it, also long as have a value. The table pushes on the box = 150N Left the limit of proportional Only apples • 100kg, 15m, 120s 100N has not been exceeded. when Vector Quantity: Has a magnitude AND a looking at directions. two objects • Velocity, acceleration, force, displacement Subtract when in opposite direction interacting Can have a +ve or -ve value. 20m North, +15m/s, 100N left Force (N) = Spring Constant (N/m) x Extension (m) 50N 100N (k = spring constant) **Representing Vectors:** = 50N Left Arrows are used. They show Centre of mass direction....and magnitude Weight Remember: Force is a **vector**. It Terminal Velocity "The centre of mass of an object is needs magnitude AND direction Contact and non-contact Forces 1) At the start, the object **accelerates** the point at which its mass can be the force acting on downwards due to the force of thought of as being concentrated" the object mass due Balanced and Unbalanced Contact: When two objects interact with each gravity. to gravity other by touching. 2) As the object's **speed increases**. Newton's First Law: An object at rest Friction, air resistance, tension, normal frictional forces such as air resistance stavs at rest and an object in motion Weight (N) = contact, reaction. or drag increase. stays in motion with the same speed mass (Kg) x gravity Non-Contact: When two objects do not touch At terminal velocity, the weight of the 3) and in the same direction unless acted (N/Kg) when they interact. object due to gravity is **balanced** by upon by an unbalanced force. Magnetism, electrostatic, gravity. the **frictional forces**, and the resultant force is zero. **Key Vocabulary** Definition **Contextual Sentence** The boat had a displacement of 120m North Displacement distance in a given direction force of a vehicle that makes it move (sometimes referred to as motive force) **Driving Force** The engine provided the driving force for the car Forces a force (in newtons, N) can change the motion of an object Weight, friction and air resistance are all examples of forces. The Physics used a **free body diagram** to show the force acting on a moving Free-body diagram a diagram that shows the forces acting on an object without any other objects or forces shown car. the force opposing the relative motion of two solid surfaces in contact Friction Ice is slippery as there is very little **friction**. Magnitude the size or amount of a physical quantity The magnitude of gravity of Earth 9.8 N/Kg if the resultant force on an object is zero, the object stays at rest if it is stationary, or it keeps moving with The forces on the accelerating car were unbalanced, which proves **Newton's First Law** the same speed in the same direction Newton's First Law. Newton's Third Law when two objects interact with each other, they exert equal and opposite forces on each other Newton's Third Law explains why a canon recoils when it is fired. If 100N acts right on a box, and 20N acts left, the resultant force is 80N a single force that has the same effect as all the forces acting on the object **Resultant Force** right. a physical quantity, such as mass or energy, that has magnitude only (unlike a vector which has magnitude Speed, mass and distance are all scalar quantities. Scalar and direction) a vector is a physical quantity, such as displacement or velocity, that has a magnitude and a direction Velocity, weight and displacement are all vector quantities. Vector (unlike a scalar which has magnitude only)



Half Term One What is the Holocaust?

ELIGIOU

 Why did the Holocaust happen?
 How did the Holocaust happen?
 What are the dilemmas, choices, and responses to the Holocaust?
 Who are the inspirational figures in the holocaust?
 Can you still believe in God after the holocaust?

1. Why did the Holocaust happen?

The Holocaust was a period in history at the time of World War Two (1939-1945), when millions of Jews were murdered because of who they were. The killings were organised by Germany's Nazi party, led by Adolf Hitler. Jews were the main target of the Nazis, and the greatest number of victims were Jewish. The Nazis believed that Jews were a problem that needed to be removed. Nearly seven out of every 10 Jews in Europe were murdered. Nazis also persecuted people from other minority groups.

Prior to the Holocaust, there were thriving Jewish communities across the world. The largest population of Jews before the Holocaust was in Eastern Europe, with a community of three million in Poland and two and a half million in Russia. The size of these populations meant Jewish people had a huge contribution to the culture. In Western countries such as Germany many Jews were assimilated into the culture of the country in which they lived, many had sizeable communities with at least 565,000 Jewish people living in Germany.

2. How did the Holocaust happen?

1) As soon as Hitler came into power, he introduced The Nuremberg Laws (1935) that deprived Jewish people of many of their civil rights, for example marriage between Jewish and non-Jewish people was forbidden.

2) On 9 November 1938, Kristallnacht or the 'Night of Broken Glass' took place. Jewish businesses, synagogues and homes were attacked and destroyed. This was a response to the assassination of a German diplomat by a Polish Jewish man in Paris.

3) After the outbreak of World War Two in 1939, the Nazis stepped up the persecution of the Jewish people. Jewish people were taken to over-crowded 'ghettos'. In larger centres, ghettos were shut in by walls, fences or barbed wire. No one could leave or enter without a specific permit. Each community was ordered to set a Judenrat (Jewish Council) which would be responsible for enforcing German orders.

4) After 1941, Nazi death-squads murdered more than a million Jewish people in eastern Europe. In 1942, the Nazi's decided on the 'Final Solution' – the Jewish people were to be taken to camps such as Auschwitz and gassed. Nobody knows how many Jewish people died during the Holocaust, but the usual figure given is 6 million.

3. What are the dilemmas, choices, and responses to the Holocaust?

Certain terms are often used to categorise the behaviour of different people during the Holocaust. Perpetrator: The person doing an injustice to someone else. Victim The person who is the target of an injustice. Bystander: The person watching an injustice being done and doing nothing to stop it. Resister: The person who sees an injustice being done and tries to stop it.

It is however not always possible to place people in one of these categories. It is much more complex. It is also important to consider whether their role was active or passive.

4. Who are the inspirational figures in the holocaust?

As Allied and Soviet troops moved across Europe against Nazi Germany in 1944 and 1945, they encountered concentration camps, mass graves, and other sites of Nazi crimes. The unspeakable conditions the liberators confronted shed full scope of Nazi horrors. 2020 marked the 75th anniversary of the liberation of prisoners from Nazi concentration camps and the end of Nazi tyranny in Europe. After the liberation of the camps many inspiring stories of Jewish people being persecuted demonstrating great courage and bravery emerged. There were similarly many inspiring accounts of those who tried to help Jewish people, even risking their own lives that the world began to learn of.

Maximilliam Kobe- A Polish Priest who lives during the Second World War. Kolbe used his Church to hide
 2000 Jewish people from the Nazis and ran his own radio station speaking against the Nazis in an attempt to stop people supporting them. He was arrested by the German Secret Police and sent to a concentration camp. In July 1941 a man from Kolbe's barracks disappeared, the Nazi commander picked 10 men from the same barracks to be sentenced to death in order to send a warning to other about trying to escape. One of the selected men, Franciszek Gajowniczek said, 'My poor wife! My poor children! What will they do?' Kolbe told them to take him instead.
 Ann Frank who was a young Jewish girl. To escape the Nazis her family went into hiding in an attic. Two other Jewish families joined them meaning there were eight people hiding in one place. She kept a diary which is used to help inspire people through terrible times of injustice and is still used today.

5. Can you still believe in God after the holocaust? Terrible events call into question if God is real or not.

1) Some people say that if God was real and all-loving, then **God** would not allow such terrible things to happen to people.

2) Some would say "it is possible to believe in God after the Holocaust because despite all the sufferings that people endured there were still great testimonies of faith, showing that even when horrible events occur people's faith stayed strong.

3) Others may say that the *Holocaust is proof that God cannot* exist in the form that many believe because if God could stop these events, they would argue he would have, thus believing that God does not exist.



Key Terms	Definition	Contextual sentence		
Anti-Semitism	Hostility to or prejudice against Jewish people.	Anti-Semitism was shown throughout Nazi Germany.		
Prejudice	Preconceived opinion that is not based on reason or actual experience.	Jewish people lived a life full of Prejudice.		
Discrimination	The unjust or prejudicial treatment of different categories of people, especially on the grounds of race, age, sex, or disability:	Jewish people faced discrimination from the Nazis.		
Persecution	Hostility and ill-treatment, especially because of race or political or religious beliefs; oppression:	Persecution is a form of discrimination.		
The Ghettos	A part of a city, especially a slum area, occupied by a minority group or groups.	Jewish people were forced to live in The Ghettos.		
Nuremburg Laws	Laws that were depriving Jews of rights, designed by Adolf Hitler and approved by the Nazi Party	The Nuremburg Laws made Jewish people second class citizens.		
Concentration Camps	A place in which large numbers of people, especially political prisoners, or members of persecuted minorities, are deliberately imprisoned in a relatively small area	rs Auschwitz was a concentration camp.		
Genocide	The deliberate killing of a large group of people, especially those of a particular nation or ethnic group.	The systematic killing of the Jewish people is a Genocide.		
Omnipotent	Meaning all powerful, usually used to describe the Abrahamic God.	God is considered Omnipotent and can do anything.		
Omnibenevolent	Meaning all loving, usually used to describe the Abrahamic God.	God is considered Omnibenevolent and loves everyone.		

Half Term One Are Religion and Science compatible?

1. What is the difference between science and religion?
2. How did the universe begin?
3. How did human life begin?
4. Are we alone in the universe?
5. Do miracles happen?
6. Can religion and science work together?
7. Review and assessment

1. What is the difference between religion and science?

Many people assume that religion and science are opposites. Both science and religion seek to answer questions about the universe and its origins but may reach different conclusions because of their methods of establishing truth. Science propose a hypothesis and then seek to prove it by observation and experiments. Science search for empirical evidence to support their theories about the origins of

the universe. Many religions use revealed knowledge in holy books as evidence for their beliefs about the origins of the universe.

Galileo is an example of somebody who felt the conflict between religion and science. He was sent to prison for scientific belief that the sun was at the centre of the solar system.

In the 1700s a period began known as the Enlightenment or Age of Reason occurred. During this period, thinkers prioritised reason and science as the method for gaining knowledge.

2. How did the universe begin?

In Christianity, the first book of the Bible, Genesis, it explains how God made the world in six days. Some Christians believe this is the literal truth and are called creationists.

In Islam, Muslims believe the universe was made by God out of nothing in six periods of time. There is no indication of what is made on each day like in the Bible.

In Hinduism, a lotus flower grew from Lord Vishnu's novel with Brahma sitting on it. Brahma separated the flower into three parts; the Heavens, the Earth, and the Sky.

Science believe the universe began through the Big Bang. The theory states that about 13.7 billion years ago all the matter in the Universe was concentrated into a single incredibly tiny point. This began to enlarge rapidly in a hot explosion, and it is still expanding today.

Many would argue the Big Bang is not compatible with religious stories of how the universe began. In Christianity and Islam, they believe the universe happened as a result of the deliberate intention of God. However according to the Big Bang, the existence of the universe is an accident. However, many Christians who do not interpret the creation story literally may say God chose the Big Bang as the method to create the universe. Many Hindus believe the Big Bang theory offers no challenge to their belief in creation. It does not deny the position of Brahman, nor the belief in the continual cycle of creation, preservation, and destruction.

3. How did human life begin?

In Christianity Adam was made in God's image from 'the dust of the ground' when God breathed life into him. Eve was created out of one of Adam's ribs to provide company and help for Adam.

In Islam God created Adam as the first man by moulding him from clay and breathing life into him. God created Eve (Hawwa) from the same soul as Adam and she became his wife.

In the Chinese creation myth humans are created from the parasites on Pan Ku's body.

Science believe life on earth began through evolution. Charles Darwin put forward the theory that all living creatures that exist today, including human beings, have evolved over a period of perhaps millions of years, from more primitive life forms to how they are today by a process of natural selection.

Some Christians and Muslims believe evolution is not compatible with their belief that God made the Earth and created all living things, as they knew them. However, some Christians put forward the theory of intelligent design, that everything is planned and designed by God, and that each change that takes place is the direct working of God in creation. Some Muslims argue the theory of evolution is correct for all living things except humans.

4. Are we alone in the universe?

One 2016 study estimated that the observable universe contains two trillion- or two million million galaxies. The sheer size of the universe makes many believe that we cannot be alone. The Search for Extra-Terrestrial Intelligence (SETI) uses a vast array of radio-telescopes to scan for signals from outer-space. Scientists, with the help of NASA's Kepler Telescope (a planet-hunting instrument specifically designed to search for planets orbiting distant stars), have estimated there are 500,000 planets that could support life.

The term to refer to a life form not from earth is extra-terrestrial.

Many religions such as Christianity and Judaism may question the possibility of extra-terrestrial life as they believe human beings are purposefully created by God and occupy a privileged position in relation to other creatures. However, both Jews and Christians, claim that God has given names to all the stars. According to the Talmud, God spends his night flying throughout 18,000 worlds.

5. Do miracles happen?

A miracle is an event that breaks the laws of science and is the result of the direct intervention of God. There are many recorded miracles recorded in the Bible such as Jesus walking on water, raising people from the dead or turning water into wine. Some Christians believe there is evidence of modern miracles in Lourdes, Fatima and in the work of preachers such as Benny Hinn. Christians believe miracles are a sign of God's omnipotence and omnibenevolence on earth. However, many people may question whether miracles are coincidence and why they are more likely to happen to religious people. Early thinkers in the Enlightenment such as David Hume would also question the testimony of those who claim to have witnessed a miracle. He would say no person's testimony is reliable enough to convince him a miracle has taken place.

6. Can religion and science work together?

Many would say that science and religion go hand in hand rather than oppose each other. Science shows the 'amazing world God has created and the beauty and glory of God himself.' Science and religion working together can help humanity to understand more about the world. There are plenty of religious scientists who have made ground-breaking discoveries, for example Francis Collins who has helped to complete research into human DNA and gene sequences and Isaac Newton who saw God as essential to the existence of space.

Key term	Definition	Contextual Sentence		
Belief	Believing that something exists or is true.	A belief in God is a key part of many religions in the world today.		
Truth	Accepting that something is real or true.	Christians and scientists both believe they know the truth of how the universe began.		
Revelation	When something is hidden and becomes known about God.			
Empirical	Using evidence such as observation or experience.	Empirical evidence is important in science.		
Theory	An explanation of how things happen or work.	The Big Bang is a scientific theory.		
Enlightenment	The Age of Reason when science and reason is placed above religion.	David Hume is a key scholar from the Enlightenment.		
Universe	The whole of all matter, energy, planets, galaxies, and space.Science explains the origins of the universe.			
Creationism	The belief that God made the world in six days.Creationism is a literal interpret the Bible story.			
Literal	Accepting the ordinary or exact meaning of words.	Creationists have a literal interpretation of the Bible.		
Symbolic	Not literally true but representing something deeper.	Some Christians believe the creation story is symbolic.		
Myth	A story that has no evidence that is passed on to future generations.	There are many myths to explain how the world began.		
Big Bang	The scientific theory that the universe began as a result of a cosmic explosion.	Many people believe in the big bang n. today.		
Evolution	The theory that describes how life forms developed from simpler forms by changes that took millions of years.	Charles Darwin found evidence for the theory of evolution.		
Extra-terrestrial	Existing or coming from a place other than planet Earth.	Some people believe there is extra- terrestrial life.		
Miracle	An event that breaks the laws of science that people believe is caused by God.	A miracle can happen at Lourdes.		

Year 9 History - Spring Term- USA as a Superpower

Causes of the boom

At the end of the nineteenth century, the USA had an Open Door policy which encouraged immigration. By 1920, more than 40 million people had arrived. As a result, there was a mixture of people from different races, cultures and religions living in America.	Term American Bill of Rights Communism	Definition The first ten rights that make up the American Constitution. The ideas of Karl Marx who supported a system of rule where industries were run by the government for the good of the people.	The 1920s overview Although the USA did not enter World War One until April 1917, the conflict cast a shadow over American society. There was a brief economic recession at the start of the 1920s, but, as the decade moved on, the economy boomed and America began the age of consumerism - many Americans bought cars, radios, fridges etc. Major cities like New York and Chicago grew rapidly and the building of skyscrapers like the Empire State Building, seemed to show the self-confidence of American society.	Hire-purchage and credit bis bis bis bis bis bis bis bis bis bis
Reasons for people coming to the USA A combination of push and pull factors made people emigrate to the USA. The push factors made people want to leave their own countries, and the pull factors attracted them to the USA. The main reasons were:	Congress	The legislative body of the United States government, made up of the Senate and the House of Representatives.	The 1920s were prosperous for some. At the same time, many Americans wanted to enjoy themselves by perhaps listening to the new jazz music or doing the new dances such as the Charleston. Crowds flocked to watch film stars like Charlie Chaplin and baceball stars like Pabe Puth. The ombacis on	Henry Ford (1863-1947) huilt his first
 escaping from poverty in their own country; escaping from political persecution; the religious tolerance a plentiful supply of land and property; 	Constitution	A document outlining the rules by which a country is run.	having fun and spending money has led to the 1920s being called the Roaring Twenties. However, for many Americans, the 1920s was a decade of poverty. Groups such as African- Americans, women and farmers did not enjoy the prosperity of the Roaring Twenties. More than 40%	gasoline-powered horseless carriage, the Quadricycle, in the shed behind his home. In 1903, he established the Ford Motor Company, and five years later the company rolled out the first Model T. In order to meet overwhelming demand for the revolutionary vehicle, Ford introduced revolutionary new
The possibility of jobs with higher wagesthe adventure of going to a new country;.	Immigration	The action of coming to live permanently in another country		
US Congress passed three laws to restrict immigration and each law in turn was more severe than the previous one. Literacy Test, 1917: immigrants had to pass a series of reading and writing tests. Many of the peopre immigrants	Open Door policy	Policy of accepting immigrants from various countries.	of Americans lived just below the poverty line. Life was particularly hard for African-Americans in the Deep South states where many black people endured a combination of poverty and racism.	mass-production methods, including large production plants, the use of standardized, interchangeable parts and, in 1913, the world's first moving assembly line for cars.
especially those from eastern Europe, had received no education and therefore failed the tests and were refused entry.	Quota	A fixed or limited number of goods or people allowed.	Although some women were able to enjoy more independence and wear the latest fashions, the reality was that most women were poorly paid and	Enormously influential in the industrial world, Ford was also outspoken in the politics. Ford drew controversy for his
The Emergency Quota Act, 1921: this law restricted the number of immigrants to 357,000 per year, and also set down a quota. Only 3 per cent of the total population of any overseas group already in the USA in 1910 could come	Xenophobia	The dislike of, or prejudice against people from other countries	were employed in roles such as cleaners or waitresses.	pacinst stance during the early years of World War I and earned widespread criticism for his anti-Semitic views and writings.

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entry. The Emergency Quota Act, 1921: this law restricted the number of immigrants to 357,000 per year, and also set down a quota. Only 3 per cent of the total population of any overseas group already in the USA in 1910 could come into America after 1921. This quota system favoured immigration from Britain and western Europe because of the large numbers of these groups already in the USA. The National Origins Act, 1924: This law reduced the maximum number of immigrants to 150,000 per year and cut the quota to 2 per cent, based on the population of the USA in 1890. This act, like the previous one, restricted the number of southern and eastern Europeans immigrants. It also prohibited immigration from Asia. However, it did not apply to immigrants from Mexico because they were labour for the Californian farmers. The President, Calvin Coolidge, said, "America must be kept for the Americans". America's 'open door' was now firmly closed to many.

mass production

laissez-faire

Key word

assembly line

hire-purchase and

adverts

boom

credit

Definition

assembled.

benefited.

time.

Use of posters etc to inform people about the new goods.

A series of workers and machines in a factory by which identical items are progressively

A period of prosperity in the economy. The economy was doing well and many people

A way of borrowing money. The ability to get the goods and pay back over a period of

Government policy of interfering as little as possible in the economy.

A method of producing goods on a large scale and quickly.

The changing role of American women in the 1920s

Year 9 History - Spring Term- USA as a Superpower

The Wall Street Crash - 29th October, 1929

- 1. The changing role of women was a result of the work they did during the war.
- 2. The number of working women increased by 25%.
- 3. In 1920, all women were given the right to vote.
- 'Flappers' smoked in public, danced the new dances, and were sexually liberated.
- Women wore clothing more convenient for activity and stopped wearing long skirts and corsets.
- Divorce was made easier and the number of divorces doubled - women were not content just to stay at home and put up with bad husbands.
- 7. But most women were still housewives and were not as free as their men



African Americans 1920s				
Key word	Definition			
American Civil War	A civil war that took place between 1861-1865 in the United States. Eleven Southern states (known collectively as the Confederacy) in which slavery was still legal wanted to leave the United States of America.			
ghetto	A poor part of a city that is usually occupied by a minority group, sometimes purpose built.			
Jim Crow laws	The names of the laws that introduced segregation in the south (the laws which kept black and white people apart).			
Rope Law	Members of the Ku Klux Klan killed black people by hanging them without trial (lynching) and often took the law into their own hands.			
segregation	To separate people from the main group because of their beliefs or the colour of their skin.			
The Ku Klux	A group of White Anglo-Saxon Protestants who used			



Prohibition

The 18th Amendment to the U.S. Constitution–which banned the manufacture, transportation and sale of intoxicating liquors– ushered in a period in American history known as Prohibition. Prohibition was ratified by the states on January 16, 1919 and officially went into effect on January 17, 1920, with the passage of the Volstead Act.

Klan

Despite the new legislation, Prohibition was difficult to enforce. The increase of the illegal production and sale of liquor (known as "bootlegging"), the proliferation of speakeasies (illegal drinking spots) and the accompanying rise in gang violence and other crimes led to waning support for Prohibition by the end of the 1920s. In early 1933, Congress adopted a resolution proposing a 21st Amendment to the Constitution that would repeal the 18th. The 21st Amendment was ratified on December 5, 1933, ending Prohibition



violence against black Americans and others.



Loss of confidence and

a sudden fall in prices

Overspeculation

The Stock Market

Year 9 History Spring Term- Democracy and Dictatorship

Key word	Definition
Democracy	A form of government where the people share in deciding how things are run.
Dictatorship	A form of government where the leader has total power.

The Rise of the Nazi Party

In the early 1930s, the mood in Germany was grim. The worldwide economic depression had hit the country especially hard, and millions of people were out of work. Still fresh in the minds of many was Germany's humiliating defeat fifteen years earlier during World War I, and Germans lacked confidence in their weak government, known as the Weimar Republic. These conditions provided the chance for the rise of a new leader, Adolf Hitler, and his party, the National Socialist German Workers' Party, or Nazi party for short.

Hitler was a powerful and spellbinding speaker who attracted a wide following of Germans desperate for change. He promised the disenchanted a better life and a new and glorious Germany. The Nazis appealed especially to the unemployed, young people, and members of the lower middle class (small store owners, office employees, craftsmen. and farmers).

The party's rise to power was rapid. Before the economic depression struck, the Nazis were practically unknown, winning only 3 percent of the vote to the Reichstag (German parliament) in elections in 1924. In the 1932 elections, the Nazis won 33 percent of the votes, more than any other party. In January 1933 Hitler was appointed chancellor, the head of the German government, and many Germans believed that they had found a saviour for their nation.



	July 1921 Adolf Hitler becomes chairman of the Nazi party
TSUR	

14 th September 1930
Nazis and Communist
make major gains in
elections

February 1932	10 th April 1932
Unemployment peaks at	Hindenburg defeats Hi
6,128,000	for the Presidentia
	elections

November 1923

Failed Munich Putsch led by

Adolf Hitler

TREATY OF PEACE

Resentment over

Treaty of Versaille

Hyper-inflation devi

1923

Germany suffers from

hyperinflation, causing huge

social and economic

problems

Weaknesses of Weimar Republic

1933 - Nazis in power

32	31 st July 1932
ts Hitler	Nazis become largest party
ntial	in the Reichstag

Snartacist

February 1924

Adolf Hitler sentenced to

five years in prison for his

role in the putsch.

May 1924

The Nazi party begins to

make political gains winning

32 seats in the Reichstag

13th August 1932

Hindenburg rejects Hitler's

demand to be made

Chancellor

Key word	Definition					
Aryan	A person of European descent - not Jewish - often with blond hair and blue eyes. The Nazis viewed Aryans as the superior human race.					
autarky	A closed economy. Hitler's ideology that wanted Germany to cease trade with the outside world and rely entirely on its own resources.					
autocracy	When one person holds all the power.					
Communist	Supporters of the communist movement or party.					
constitution al monarchy	A form of government where the monarch is head of state, but the law-making process is undertaken by an elected government.					
Führer	Leader.					
hyperinflati on	Very rapid and high increase in the level of prices, combined with a fall in the value of money.					
industrialisa tion	When a country's economy moves from being based on farming to being based on industry.					
Kaiser	Germany's king; Kaiser Wilhelm II.					
League of Nations	An international organisation where the leaders of countries could settle problems in the hope that they could thus avoid wars.					
rearmamen t	Manufacturing arms and increasing the army.					
Reich	German word meaning 'realm', used to describe Germany as a country.					
Reichstag	The name of Germany's parliament.					
reparation	Monetary compensation from an individual, group or state to compensate victims.					
SA	Also known as Storm Troopers or Brown shirts. A military style organisation of the Nazi party formed in 1921 under Hitler.					
Treaty of Versailles	The peace treaty signed by the Allies and Germany at the end of the First World War, on 28 June 1919.					

24th December 1924

Adolf Hitler released early

from prison where he

wrote Mein Kampf

30th January 1933

Hitler appointed Chancellor

by Hindenburg

29th October 1929

The Wall Street Crash

1934

Hitler becomes Fuhrer after

the death of Hindenburg

Year 9 History - Spring Term- Nazi Control

The Police State

Key Word	Definition
Schutzstaffel (SS)	led by Heinrich Himmler, the SS was the most important of these organisations and oversaw the others. Initially set up as Hitler's personal bodyguard service, the SS was fanatically loyal to the Führer. It later set up concentration camps where 'enemies of the state' were sent.
Gestapo	this was the Nazis' secret police force. Its job was to monitor the German population for signs of opposition or resistance to Nazi rule. It was greatly helped by ordinary German people informing on their fellow citizens.
Sicherheitsdien st (SD)	this was the intelligence gathering agency of the SS. It was responsible for the security of Hitler and other top Nazis and was led by Himmler's right hand man, Reinhard Heydrich







D Deu Stu



Nazi Protestants set up the Reich Church in 1933 under Nazi Bishop Ludwig Muller t aimed to unite all protestants in one church. Bible replaced by Mein Kampf and the swastika replaced the cross Dnly Nazi priests allowed	The Concordat is signed between the Nazis and the Pope in July 1933. It agreed that Hitler would not interfere with the Church, if the Catholics stayed out of politics.	In 1937, the Pope spoke out against the Nazis. 400 priests were sent concentration camps as a result.	From 1938, Catholic schools and teaching was attacked. Priest banned from teaching in schools 1938 Church Schools closed in 1939 RE banned in schools in 1939
The German Faith <u>Movement</u> n 1934, Nazis set up the German Faith Movement t was a non Christian thurch which promoted Nazi ideology.	Crucifixes banned in Catholic Churches 1934 Catholic Youth Groups banned in 1936	Hitler set up the 'Ministry of Church Affairs' in 1935 to take control back from Catholics and Protestants.	In 1934 Protestant Martin Niemoller set up Pastors' Emergency League to oppose Nazism and Hitler. He was arrested in 1937 and sent to a concentration camp for 7 years.

Propaganda

	Туре	Influence of the Nazi party
	Art	The Weimar period had seen a flourishing of German art, much of which was abstract. Hitler saw this modern art as 'degenerate' and over 6500 works of art were removed from display across Germany. Hitler encouraged 'Aryan art' instead, which showed the physical and military power of Germany and the Aryan race.
	Literatur e	The Nazis infamously organised mass book burnings in 1933, which saw mostly Jewish authors' works ceremonially destroyed.
	Theatre	Works by certain playwrights were banned. Nazi-produced political plays and musicals were not very popular so the regime allowed classic plays by the likes of Shakespeare to be performed.
Edhe Con	Film	Films were popular forms of entertainment but Goebbels saw them as a form of escapism for Germans. Directors such as Leni Riefenstahl created patriotic films such as Triumph of the Will (1935
6	Music	In classical music, works by Jewish composers like Mendelssohn and Mahler were banned and the works of the German composer Wagner were promoted, gaining huge popularity.

Control of the Church

	Regenerating places and Ecosystems Tier 3 Vocabulary								
Key Vocabulary	Definition	Contextual Sentence							
Ecosystem	An ecosystem is a community of living organisms (plants and ani- mals) in a particular area.	An example of an ecosystem is a pond.							
Food chain	A food chain shows the transfer of energy from one organism to another.	A simple way to show how energy is lost is by looking at food chains .							
Food web	A food web consists of all the different food chains together in a single ecosystem.	A complex way to show how plants and animals interact within an ecosystem is by looking at food webs .							
Producer	A producer is an organism that creates its own food or energy from the sun, through photosynthesis.	A producer such as grass would make its energy through the sun by photo- synthesis.							
Consumer	A consumer is an organism that feeds on plants or other animals for energy.	A fox is a consumer as they eat other organisms.							
Biome	Large scale ecosystem.	An example of a biome is a desert or tropical rainforest.							
Biotic	Living organisms (Plants, animals, bacteria).	Plants and animals within the rainforest are living biotic factors.							
Abiotic	Non-living organisms (Soil, water, atmosphere).	Non-living components such as soil and water are abiotic factors.							
Regeneration	The process of improving areas that are in decline, focusing on social, economic, and environmental aspects.	The regeneration of the Albert Docks in Liverpool transformed the area from abandoned warehouses into a thriving tourist destination.							
Deindustrialisation	The decline of industry in a region, often leading to economic and social problems.	The closure of the steel factories led to deindustrialisation in the town, causing high unemployment and urban decline.							
Sustainability	meeting the needs of the present without compromising the abil- ity of future generations to meet their own needs.	The new shopping centre was designed with sustainability in mind, using so- lar panels and rainwater collection systems to reduce its environmental impact.							
Urban	Built up areas: towns and cities.	Urban areas like London are characterized by tall buildings, busy streets, and a wide variety of jobs and services.							
Infrastructure	The physical structures and facilities (e.g., roads, bridges, hous- ing) needed for a functioning urban area.	The government invested in new infrastructure , such as roads, bridges, and public transport, to support the growing population.							
Gentrification	The process of improving an area to attract wealthier residents, sometimes displacing existing communities.	The gentrification of the old neighbourhood brought new cafes and art galleries, but many original residents could no longer afford to live there.							
Brownfield site	Land previously used for industrial purposes, often targeted for redevelopment during regeneration projects.	The old factory site, now a brownfield site , is being cleared to make way for a new housing development.							
Greenfield sire	A greenfield site is a piece of undeveloped land, often in rural or suburban areas, that has not been previously built on.	The council approved the construction of a new school on a greenfield site just outside the village.							

Biomes

A biome is a large geographical area of distinctive plant and animal groups, which are adapted to that particular environment. The climate and geography of a region determines what type of biome can exist in that region.



The **most productive biomes** – which have the greatest biomass- grow in climates that are **hot and wet**.

Tropical Rainforest Biome

Tropical rainforest cover about **2 per cent** of the Earth's surface yet they are home to **over half of the world's plant and animals**.



Distribution of Tropical Rainforests

Tropical rainforests are **centred along the** Equator between the Tropic of Cancer and Capricorn. Rainforests can be found in South America, central Africa and South-East Asia. The Amazon is the world's largest rainforest and takes up the majority of northern South America, encompassing countries such as Brazil and Peru.

	Biome's climate and plants								
l groups	Biome	Location	Temperature	Rainfall	Plants	Animals			
geography	Tropical rainfor- est	Centred along the Equator.	Hot all year (25- 30°C)	Very high (over 200mm/	Tall trees forming a canopy; wide variety of species.	Greatest range of different animal spe- cies. Most live in			
Coniferous				year)		canopy layer			
forest	Tropical	Between 5°- 30° north & south	Warm all year (20-30°C)	Wet + dry season (500-	Grasslands with wide-	Carnivores dominate			
Deciduous forest	duous st Inopical grass- lands north & south of Equator. (20-30°C) s Hot de- ical Along the trop- ics of Cancer Hot by day (over 30°C) Cold		1500mm/ year)	ly spaced decoi	zebra's.				
Tropical rainforests	s Hot de- sert Along the trop- ics of Cancer (over 30°C) Cold and Capricorn. by night		Very low (below 300mm/ year)	Lack of plants and few species; adapted to drought.	Many animals are small and nocturnal: except for the camel.				
Tundra		5		N/ 11					
	Temper-	60° north of	+ mild winters	rainfall (500-	trees; a variety of	colder and warmer			
Temperate grasslands	perate est		(5-20°C)	1500m / year)	species.	climates. Some mi- grate.			
Tropical grasslands	ands ands Tundra Far Latitudes, Cold winter + 65° north and cool summers south of Equa- tor tor		Low rainfall Small plants grow (below close to the ground 500mm/ and only in summer. year)		Low number of spe- cies. Animals such as moose and reindeer.				
Hot deserts.		30° north – Warm water all		Wet + dry	Small range of plant	Dominated by polyps			
	Coral Reefs	tor in tropical waters.	temperatures of 18°C	Rainfall var- ies greatly .	algae and sea grasses.	of fish species.			

Food chains and food webs



Grass Grasshopper Mouse

Food chains show the transfer of energy from one organism to another. We start off with the **producer** which is a plant and they get their energy from the sun through photosynthesis. **Consumers** are organisms that eat the producers.

Food webs consists of all the different food chains together in a single ecosystem. It shows all the organisms in one ecosystem.



Desert biome

Distribution of the world's hot deserts

Most of the world's hot deserts are found in the subtropics between 20 degrees and 30 degrees north & south of the Equator. The Tropics of Cancer and Capricorn run through most of the worlds major deserts.



rainfall.

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Large roots to absorb water soon after

Needles instead of leaves to reduce surface area and therefore transpiration. Hump for storing fat (NOT water).

Long eyelashes to protect from sand.

Wide feet for walking on sand.

Major characteristics of hot deserts

- Aridity hot deserts are extremely dry. ٠ with annual rainfall below 250 mm.
- Heat hot deserts rise over 40 degrees.
- Landscapes Some places have dunes, but most are rocky with thorny bushes.

T = 25.9 °C

P = 18 mm

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Gentrification

The tundra is the coldest of the biomes. It also receives low

amounts of precipitation, mak-

ing the tundra similar to a de-

sert. Tundra is found in the re-

the Arctic, extending across

Siberia in Asia.

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North America, to Europe, and

Gentrification is the process of changing an urban neighbourhood from mostly low-income, rented housing to a neighbourhood that is mostly middle-class, with homes owned by the people living in them.

It is usually led by individuals rather than the government, but it can sometimes happen alongside urban regeneration projects.





Sustainability refers to meeting the needs of the present without compromising the ability of future generations to meet their own needs. It involves balancing environmental protection, social equity, and economic growth.



Employment in UK manufacturing, 1980-2012





The Albert Docks Before Regeneration

The Albert Docks Before Regeneration



Employment in UK manufacturing, 1980-2012

Between 1980 and 2012, many manufacturing jobs in the UK were lost due to factors like cheaper labour abroad, new technology, and a shift towards service industries like finance and retail. This led to deindustrialisation in some areas, particularly areas in the north.

Spanish: Knowledge Organiser Year 9 Term 2

Unit 2: Me, my family and friends							
1.1 La familia- Family		1.2 Las descripciones Descriptions		1.3 El carácter Personality			
el padre	the father/dad	alto/a	tall	simpático/a	kind/ nice/ pleasant		
la madre	the mother/mum	bajo/a	short	divertido/a	fun		
los padres	the parents	gordo/a	fat	gracioso/a	funny		
el hermano	the brother	delgado/a	thin	serio/a	serious		
la hermana	the sister	flaco	skinny	tímido/a	shy		
los hermanos	the siblings	guapo/a	good-looking	maleducado/a	rude		
el abuelo	the grandad	feo/a	ugly	extrovertido/a	extroverted/		
la abuela	the grandmother	es	he/she/it is	outgoing			
el hijo	the son	son	they are	introvertido/a	introverted/ shy		
la hija	the daughter	tiene	he/she /it has	antipático/a	unpleasant		
los hijos	the children	tienen	they have	agresivo/a	aggressive		
el tío	the uncle	el pelo	hair	aburrido/a	boring		
la tía	the auntie	pelirrojo	ginger	perezoso/a	lazy		
el primo	the cousin (m)	rubio	blond	molesto/a	annoying		
la prima	the cousin (f)	castaño	brown/ chestnut	egoísta	selfish		
los primos	the cousins	largo	long	triste	sad		
el sobrino	the nephew	corto	short	inteligente intelligent/cleve			
la sobrina	the niece	liso	straight	orgulloso/a	proud		
hay	there is/are	ondulado wavy		hablador/a	chatty		
tener	to have	rizado	curly	fuerte	strong		
ser	to be	calvo	bald	alegre	happy/ cheerful		
llamarse	to be called	los ojos	eyes	agradable	pleasant		
		azules	blue	ambicioso	ambitious		
		marrones	brown	1.4 las Relaciones	Relationships		
		verdes	green	Llevarse	To get on		
		muy	very	Me llevo con	I get on with		
		bastante	quite	bien	well		
		un poco	a little (bit0	fenomenal	great/fantastic		
				mal	badly		

1.5 La amistad	Friendship	1.6 ¡Te he dicho que no!	C	l said no!	Gramática: key verbs in the present tense				
Podemos	we can	Discuto (con)		I argue with	To be	Ser		To have	
me hace reír	he/she makes me	me peleo		l fight	Tener				
sería	laugh	no aguanto a		I can't stand (+	l am	soy	I have		tengo
tendría	he/she/ it would be	somos		person)	You are (sin	gular) <i>eres</i>	You ha	ave (singu	lar) <i>tienes</i>
	he/she /it would	incompatibles		We are	He/she/it is	es	He/she	e/it has	tiene
debo admitir que	have I have to	grito a		incompatible					
amistoso	admit that friendly	me enfado con		I shout at	We are	sc	omos	We hav	/e
grosero	rude	es justo		I get angry with	temenos				
		es injusto		lt's fair	You are (plu	ral) <i>sois</i>	You ha	ave (plura	l) <i>tenéis</i>
		es razonable		lt's not fair	They are	son	They h	ave	tienen
		es estricto		lt's reasonable					
		(no) estoy de		It's strict					
		acuerdo		I agree/ don't agree					
					Gramática:	possessive	adjectives	6	
Gramática: key ref	lexive verbs in the pr	esent tense							
					Singular	Plural			
To be called	llamarse	Γo get on	llev	arse	Му	mi	mis		
I am called	me llamo I	get on	me	llevo	Your	tu	tus		
You are called(sing)) te llamas	You get on (sing)	te //	evas	His/Her	su	sus		
He/she/it is called	se llama	He/she/it gets on	se l	leva					
					My brother	mi herman	0		
We are called <i>llevamos</i>	nos llamamos	We g	jet or	n nos	My brothers	mis herma	nos		
You are called (pl)	os llamáis	You get on (plural)	os /	leváis					
They are called	se llaman	They get on	se l	levan					

Spanish: <u>Knowledge Organiser Year 9 Term 2</u>

	UNIT OF WORK 3: LANGUAGE IN CONTEXT		
	En mi familia hay 5 personas.	In my family there are 5 people.	
	En mi familia hay mi madre y mis dos hermanos.	In my family there is my mum and my two brothers.	
Talking about family	Tengo dos hermanos y una hermana.	I have two brothers and a sister.	
members:	Mi padre se llama Juan.	My dad is called Juan.	
	Mis hermanas se llaman María y Carmen.	My sisters are called María and Carmen.	
	Mi madre es alta y delgada.	My mum is tall and thin.	
Giving physical	Mi padre es guapo.	My dad is good looking.	
descriptions of	Mi hermano tiene los ojos marrones.	My brother has brown eyes.	
family members:	Mi hermana tiene el pelo negro y corto.	My sister has short, black hair.	
Describing	Mi abuelo es muy gracioso.	My grandad is very funny.	
personality:	Mi abuela es un poco tímida.	My grandmother is a bit shy.	
	Mis primos son molestos.	My cousins are annoying.	
Talking about	Me llevo bien con mi hermano porque es	I get on well with my brother because he is nice.	
relationships:	simpático.		
	Me llevo mal con mi hermana porque es	I get on badly with my sister because she is lazy.	
	perezosa.		
Describing	Mi mejor amigo siempre me hace reír.	My best friend always makes me laugh.	
friendships	Mi amigo idea sería gracioso.	Mi idea friend would be funny.	
Discussing problems	Discuto con mis padres.	I argue with my parents.	
in relationships:	Me peleo con mi hermano mayor.	I fight with my older brother.	
	No aguanto a mi hermana menor.	I can't stand my little sister.	

Spanish: Knowledge Organiser Year 9 Term 2

3.1 Mi casa My house/ home

to live
l live
in
a house
a flat
a building
a farm house
there is/ there are
there isn't/ aren't
a toilet
a lounge/ living room
a kitchen
a dining room
a bathroom
a bedroom
a garage
a balcony
a terrace
a hall(way)
an attic/ loft
a basement
upstairs
downstairs
outside
the ground floor
the first floor
the second floor

Unit 3: House, home and town

3.3 Mi barrio

My neighbourhood

la ciudad el pueblo el campo el centro la montaña las afueras		the city (large town) the village/ town the countryside the centre the mountains the outskirts
la costa moderno/a antiguo/a cómodo/a bonito/a feo/a		the coast modern old comfortable pretty ugly
pequeño/a grande	big	small

Gramática: Key v	erbs
To live	Vivir
l live	Viv o
You live	Vives
He/she lives	Vive
We live	Vivi mos
You live (plural)	Viv ís
They live	Viv en
To be (location)	Estar
lam	estoy
You are	estás
He/she/it is	están
We are	estamos
You are (plural)	estás
They are	están

Spanish: Knowledge Organiser Year 9 Term 2

3.4 ¿Qué se puede hacer? What can you do?	3.5 ¿Cómo es tu ciudad? What is your city like?	3.6 Tengo inquietudes I have concerns	
Se puedeyou canNo se puedeyou can'tPuedoI canIrgoIr de comprasgo shoppingVisitarvisitComprarbuyPisar el céspedwalk on the grasscambiar dinerochange moneyencontrarfind/ meetlas tiendasthe shopslos grandes almacenasthe department storesla tienda de comestiblesthe grocery storela zapateríathe shoe shopla papeleríathe fish monger'sla panaderíathe bakeryla carniceríathe butcher'sla joyeríathe toy shopla jugueteríathe toy shopla jugueteríathe toy shopla jugueteríathe toy shop	limpio/a clean sucio/a dirty bonito/a pretty feo/a ugly turístico/a tourist area animado/a lively tranquilo/a calm/ quiet industrial industrial desconocido/a unknown famous aburrido/a boring divertido/a fun moderno/a modern antiguo/a old tráfico traffic marcha nightlife lo bueno the good thing lo malo the bad thing másque morethan menos que less than	la basurarubbishla contaminacióncontamination, pollutioncontaminantecontamination, pollutingel crecimientogrowthel desperdicio de plásticoplastic wastela destruccióndestructionla extinciónextinctionlos hábitats naturales natural habitatslas inundacionesfloodslas lluvias torrencialestorrential rainlos maresseasmedioambientalenvironmentalel medio ambienteenvironmentla sequíadroughtla tala de árbolestree fellingalarmantealarmingen peligroin dangerpreocupanteworryingpor todas parteseverywheretrágico/atragicme a miedol'm scared ofme da penal'm saddened byl'm angry about	
ir en bicicleta go by bike no comprar envases de not buy plastic containers plástico comprar productos locales buy local products ducharse take a shower no malgastar agua not waste water ser miembro de un grupo de presión be a member of a pressure group a diario daily	cuidar (de)to care (ror)protegerto protectse puede/se debeyou can/you mustreciclarrecyclecartóncardboardlatascanspapelpaperusar el transporte públicouse publictransportgo on foot	me preocupa l'm worried about	

Spanish: <u>Knowledge Organiser Year 9 Term 2</u>

Unit of work 4: Key language in context

	Vivo en una casa/ en un piso.	I live in a house/ in a flat.	
	En mi casa hay un salón y una cocina.	In my house there is a lounge and a kitchen.	
How to describe your	No hay garaje	There isn't a garage.	
home and say what rooms	En la primer planta hay el dormitorio de mi hermano y	On the first floor there is my brother's bedroom and my	
it has/ hasn't:	mi dormitorio	bedroom.	
	Arriba hay un cuarto de baño	Upstairs there is a bathroom.	
	Afuera hay un jardín	Outside there is a garden.	
	En la cocina hay una lavadora y un microondas	In the kitchen there is a washing machine and a	
Describing what furniture		microwave.	
there is and where it is:	No hay lavaplatos	There isn't a dishwasher.	
	La mesa está al lado del sofá	The table is next to the sofa.	
	Las sillas están detrás de la mesa	The chairs are behind the table.	
	Hay un espejo encima de la mesa	There is a mirror above the table.	
	Vivo en una ciudad.	I live in a city.	
Describing your	Mi ciudad está en la costa.	My city is on the coast.	
neighbourhood saying where it is and what it is like:	Vivo en las afueras/ en el centro de la ciudad	I live in the outskirts/ in the centre of the city.	
	La ciudad es grande y moderna	The city is big and modern.	
	El pueblo es antiguo y bonito	The town is old and pretty.	
Saving what there is in	En mi ciudad se puede ir a los grandes almacenes.	In my city you can go to the department stores.	
Saying what there is in	En mi pueblo hay una panadería.	In my town there is a baker's.	
can do there:	No hay zapatería	There isn't a show shop.	
can do mere.	Se puede comprar pan en la panadería.	You/ we can buy bread in the bakery.	
	Lo bueno de mi ciudad es que es animada	The good thing about my city is that it is lively.	
Saying what the good/bad	Lo malo de mi pueblo es que es aburrido	The bad thing about my town is that it is boring.	
thing is about your town	La ciudad es más grande que el pueblo	The city is bigger than the town.	
and making comparisons:	La ciudad es menos aburrida que el pueblo	The city is less boring than the town.	
	El desperdicio de plástico me da rabia .	Plastic waste makes me angry.	
Talking about	La destrucción de los hábitats naturales me preocupa .	The destruction of natural hábitats worries me.	
environmental problems	Las lluvias torrenciales me dan miedo .	Torrential rain scares me.	
and solutions:	Se debe reciclar papel y cartón.	We must recycle paper and cardboard.	
	Se puede ir a pie o en bicicleta.	We can walk or cycle.	

French: Knowledge Organiser Year 9 Term 2

Unit 3: Current and future study

3.1 Mon école	My school	3.2 Les matières	School Subjects	3.3 Les adjecti	fs Adjectives
une classe	a class	L'allemand	German	actif	active
un collège	a school	l'anglais	English	adorable	adorable
un copain / une copine	a friend	les arts plastiques	Art	barbant	boring
un(e) élève	a pupil	la biologie	Biology	bavard	chatty
un kilomètre	a kilometer	la chimie	Chemistry	créatif	creative
une matière	a subject	le dessin	Art	difficile	difficult
un(e) prof(esseur)	a teacher	l'EPS	PE	ennuyeux	boring
une salle (de classe)	a classroom	l'espagnol	Spanish	facile	easy
la cantine	the dining hall	le français	French	génial	great
le CDI (centre de documentation	the library	la géographie	Geography	gentil	kind
et d'information)		l'histoire	History	heureux	happy
la cour (de récréation)	the playground	l'informatique	ICT	intelligent	intelligent
le dictionnaire (bilingue)	(bilingual) dictionary	l'instruction réligieuse	RE	inutile	useless
le gymnase	the gym	les maths	Maths	méchant	mean
le laboratoire	the laboratory	la musique	Music	nul	rubbish
le livre	the book	la physique	Physics	passionnant	exciting
l'ordinateur (m)	the computer	les sciences	Science	relaxant	relaxing
le parc à vélos	the bicycle park	la technologie	DT	sociable	sociable
la photocopieuse	the photocopier	le théâtre	Drama	timide	shy
la salle d'informatique	the ICT room			travailleur	hard-working
la salle des profs	the staff room			utile	useful
le tableau blanc interactif	the interactive whiteboard			L	

3.4 Opinions and Connectives

Ma matière préférée, c'est
J'adore (ça)
J'aime (ça)
Ça va
Je n'aime pas (ça)
Je déteste (ça)
À mon avis
Je pense que
On dit que
parce que/car
et
mais/par contre
Je trouve ça
Je trouve que c'est
C'est plus / moins
intéressant que

My favourite subject is... I love (it / that) I like (it / that) It's okay I don't like (it / that) I hate (it / that) In my opinion I think that People say that... because and but / on the other hand I find that... I find that it is It's more / less interesting than...

3.7 Items of clothing

On doit porter	We have to wear
Un pantalon	trousers
Une jupe	a skirt
Une chemise	a shirt
Un pull	a jumper / pullover
Une veste	a blazer
Une cravatte	a tie
Des chausettes	(some) socks
Des chaussures	(some) shoes
Des baskets	(some) sneakers
C'est moche / practique	ugly / practical
Demodé / confortable	old-fashioned /
	comforatable

3.8 Jobs

Je voudrais être... I'd like to be a...

l'agriculteur / agricultrice farmer le/la boucher / bouchère butcher le/la boulanger / boulangère baker le/la cassier / cassière cashier le/la chanteur / chanteuse singer le/la comptable accountant le/la cuisinier / cuisinière cook le/la danseur / danseuse dancer l'électricien(ne) electrician l'hôtesse de l'air air hostess l'ingénieur engineer le/la mécanicien(ne) mechanic le/la musicien(ne) musician le/la plombier / plombière plumber le/la professeur teacher le/la programmeur(se) programmer le/la secrétaire secretary le/la serveur (se) waiter/waitress le/la technicien(ne) technician le/la vendeur/vendeuse sales assistant le/la vétérinaire vet

	J'aime le français parce que c'est intéressant	I like French because it's interesting.
Describing subjects you	J'adore l'anglais car c'est relaxant	I like English because it's relaxing.
like/dislike:	Je déteste les maths car c'est difficile	I hate Maths because it's difficult.
	J'aime les maths, mais je n'aime pas les SVT.	I like maths but I don't like science.
	Le français, j'aime ça.	I like French.
	C'est plus intéressant que l'anglais.	It's more interesting than English.
	L'anglais, je n'aime pas ça.	I don't like English.
	C'est moins intéressant que le français.	It's less interesting than French.
	Ma matière préférée, c'est les maths.	My favourite subject is maths.
	L'anglais, ce n'est pas pour moi.	English isn't for me.
	J'habite à deux kilomètres de mon collège	I live two kilometres away from school.
Giving more detail about	Je vais au collège et je suis en	I go to college and I am in… (year).
your school:	Il y a vingt-huit élèves dans ma classe.	There are 28 pupils in my class.
-	Dans mon collège les élèves restent dans la classe et ce sont	In my school the pupils stay in the classroom and it's the
	les profs qui changent de salle.	teachers who move rooms.
	Les profs sont sympas et les matières sont intéressantes.	The teachers are nice and the subjects are interesting.
	Ma matière préférée, c'est les arts plastiques.	My favourite subject is art.
	Je suis élève ici depuis trois ans. I have been a pupil here f	
	Il y a… heures de cours par jour / semaine.	There are hours of lessons per day.
	Il y a un uniforme scolaire / Il n'y a pas d'uniforme scolaire.	There is a school uniform / there isn't a school uniform.
	Il y a des activités après les cours / pendant la pause-	There are activities after lessons / during lunch time.
	déjeuner.	
	La journée scolaire commence / finit à	The school days starts / finishes at
	Il y a un règlement, par exemple on doit… il est interdit de…	There is a rule, for example we should it is
		forbidden to
	On doit porter uniforme et il est interdit de fumer	We have to wear a uniform and it is forbidden to
		smoke

4.2 Tu fais du sport?

Unit 4: Free time activities

4.1 Qu'est-ce que tu aimes faire?

Les actualités les comédies les dessins animés les documentaires une émission les émissions musicales les émissions de sport les émissions de téléréalité un feuilleton le film d'amour le film d'animation le film d'horreur le film policier un film de guerre les jeux télévisés les séries le sondage le téléfilm les téléfilms policiers la télé-réalité la variété française pas du tout télécharger un film d'arts martiaux un histoire d'amour un western Oui, je regarde... Oui, j'écoute...

the news the comedies the cartoons the documentaries a programme the music programmes the sports programmes the reality TV programmes

a soap opera the romantic film the animated film the horror film the detective film a war film the game shows the series the survey the TV drama the police dramas the reality television the French easy listening music not at all to download a martial arts film a love story a western

Yes, I watch... Yes, I listen to...

le centre de loisirs courir l'entraînement (m) s'entraîner l'équipe l'équitation gagner le gymnase le lac le médaille la musculation la natation la piscine la plongée sous-marine le saut en longueur le stade le terrain de sport le tournoi le voile aquatique la balade depuis l'escalade (f) être passionné(e) de le jouer la joueuse le mur nettoyer rêver le sport de combat le sport de défense

the leisure centre to run the training to train the team the horse-riding to win the sports hall the lake the medal the weight training the swimming the swimming pool the scuba diving the long jump the stadium the sports ground the tournament the sailing

water (adjective) the walk, ride since the rock climbing to be passionate about the player (m) the player (f) the wall to clean to dream the combat sport the defensive sport the course

le stage

4.3 Qu'est-ce que tu as fais ce weekend?

le baladeur MP3 bien sûr	the MP3 player of course
chez	at the house of
choisir	to choose
communiquer	to communicate
une façon de	a way to
faire une piquenique	to have a picnic
la fête	the party/festival/celebration
genial (e)	great
le hockey sur glace	the ice hockey
incroyable	incredible
s'informer	to get information
le journal	the newspaper / the news
les loisirs	free time (activities)
marrant (e)	funny
par contre	on the other hand
la patinoire	the ice rink
se relaxer	to relax
retrouver	to meet
utiliser	to use

Perfect tense with *être* – some verbs, for example *aller* and *sortir*, use the auxiliary verb être instead of avoir in the perfect tense. Je suis Tu es Il / elle / on est Nous sommes Vous êtes Ils / ells sont

	Moi, j'aime regarder les émissions de sport	I like to watch sport shows.
Saying what you like to do:	Je suis fan des jeux télévisés	I'm a fan of game shows.
	J'écoute de la musique rap tous les jours.	I listen to rap music every day.
	Mes frères adorent les comédies romantiques	My brothers love romantic comedies (rom-coms).
	Est-ce que tu regardes la télé ?	Do you watch TV?
	Quelle sorte de programmes / films préfères-tu ?	What sort of programmes / films do you prefer?
	Combien d'heures écoutes-tu de la musique chaque jour ?	How many hours a day do you listen to music?
	Je fais du handball et de la gymnastique	I do handball and gymnastics.
Discussing sports:	Mon entraînement, c'est le jeudi de 18h à 19h	My training is on Thursday from 6pm to 7pm.
	J'aime les sports d'équipe parce que j'aime rester en forme	I like team sports because I like to stay in shape.
	Je joue au rugby deux fois par semaine avec mes parents	I play rugby twice a week with my parents.
	La semaine dernière, j'ai fait du trampoline avec ma sœur	Last week, I went trampolining with my sister.
Saying what you did at the weekend:	Ce weekend, j'ai fait un peu de sport et j'ai regardé un film sur mon ordi	This weekend I did a bit of sport and I watched a film on my computer.
	Je suis allé(e) au cinéma mais je n'ai pas fait de sport	I went to the cinema but I did not do (any) sport.
	Le weekend dernier, on a organisé(e) une méga fête chez moi avec des copains	Last weekend we organised a mega party at my house with some friends.
	On a vu un film d'action et après, on a pris un coca dans un café	We saw an action movie and afterwards, we had a Coke in a café.
	Je n'ai rien regardé(e) la télé	I have never watched TV.