Year 8

Knowledge Organiser 5

Summer Term: 2024-25

Name:	Master Copy	
		

Registration Form: 8

Bournemouth School

Knowledge Organiser 3: Year 8 Summer Term

'Knowledge is power' by Francis Bacon

A knowledge organiser provides you with all the most important knowledge you need for each unit of study this half term. Your aim is to transfer all of this information into your long-term memory so you can use it in your lessons and further expand your understanding of this work.

How to use your knowledge organiser (KO):

- 1. Ensure you have your KO and Homework Learning journal with you at all times in school and when you need to do your homework at home.
- 2. In lessons when you have covered information that appears on your KO, your teacher will ask you to put a tick next to that section. This means that is now added to what you must learn for homework.
- 3. Initially, follow your homework timetable to decide what to revise each evening.
- 4. There are 4 strategies that you can use to revise. They are progressively more challenging so always start with the first in the list.

a. Look Cover Write Check

- i. Identify the subject and section of your KO that you want to revise. This should be one of the ticked sections.
- ii. LOOK carefully at the subject and section of your KO you want to revise and try to remember as much as you can. Remember this should be a ticked section.
- iii. Now COVER this information so you can't read it.
- iv. WRITE out what you can remember word for word in your Homework Learning Journal.
- v. CHECK what you have written by comparing it to your KO. Tick each correct word in green pen and correct any errors you have made.
- vi. Repeat this process until you are confident you can remember everything you need.

AIM:

You should be able to repeat the information by rote

b. Self or peer quizzing

- i. Identify the subject and section of your KO that you want to revise. This should be one of the ticked sections.
- ii. Write out a list of questions you could ask either yourself or a friend about this section of the KO. Write these in your Homework Learning Journal.
- iii. If you are working on your own, cover the KO and write a full answer to each question.
- iv. If you are working with a partner swap books and copy down their questions and have a go at answering them.
- v. Now uncover the KO and with a green pen correct your work.

AIM:

You should be able to repeat the information by rote but with a good understanding

c. Playing with words and sentences

- i. Identify the subject and section of your KO that you want to revise. This should be one of the ticked sections.
- ii. You now want to check how well you have learnt the information in your KO.
- iii. Definitions look at words that are used in this section. Can you write a definition in your own words?
- iv. Rephrasing can you rewrite the sentences or explanations in your own words?
- v. Summary can you summarise the main points of this section of the KO?
- vi. Synonyms can you write synonyms for key words and ideas?
- vii. New Sentences can you write a sentence that includes the key vocabulary or definitions that you have learnt?

AIM

You should be able to use the information in your KO in a flexible and confident way in your writing.

d. Think it, Link it

- i. This is a technique to use towards the end of the half term when you are revising all of the KO.
- ii. Think of the links or connections between different sections of your KO.
- iii. Write these out in your own words in your Homework Learning Journal.
- iv. Think about the links between a particular section of your KO and what you have learnt in your lessons. Can you expand on this section by linking it to your wider knowledge?
- v. Write this out in your Homework Learning Journal.

AIM

You should be able to link your homework and your lessons to show a confident understanding of the work covered.

Homework Learning Journal

- 1. Always write the subject and the date when you start your homework.
- 2. Always write the strategy that you are going to use for your homework.
- 3. Always use a ruler to underline titles and dates.
- 4. Use a blue or black pen to complete your homework or a pencil if you need to draw.
- 5. Use a green pen to complete corrections of your work.
- 6. You are expected to complete half a side of your Homework Learning Journal each evening as a minimum.

Checking:

Your tutor will check your Homework Learning Journal at least once a week. If they are concerned that you aren't doing your homework properly they will offer support and guidance. If you don't respond to this guidance you will be added to the afterschool 'Success club' where a member of staff will help you complete your homework.

DO NOW tasks:

At the start of every lesson you should expect a Do Now task. This is a low stakes retrieval quiz on what you have learnt so far. If you have completed your homework this should be easy. The aim is to get 100% in each of these. If you miss this target occasionally, don't worry. If it happens regularly your teacher will ask your tutor to have a chat and offer you support.

Maths:

Your teacher will set you tasks to complete on Dr Frost Maths. This will be set every week on a Monday and will be collected in and checked on a Friday. If this has not been completed you will be issued a Detention on a Wednesday Lunchtime.

How long should I spend on my homework?

	Key Stage 3						
			Week 1				
Time	Monday	Tuesday	Wednesday	Thursday	Friday		
5 mins	MFL	MFL	Physical	MFL	MFL		
10	Maths	English	Activity	Maths	Art		
10	Science	RS		Music	Science		
10	Computing	FPAN/Graphics		History	Geography		
25 Reading / Reading / Revision		Reading /		Reading /	Reading /		
			Revision	Revision			
			Week 2				
Time Monday Tuesday		Wednesday	Thursday	Friday			
5 mins	MFL	MFL	Physical	MFL	MFL		
10	Maths	English	Activity	Maths	Art		
10 Science RS			Music	Science			
10 Computing DT			History	Geography			
25	Reading /	Reading /		Reading /	Reading /		
	Revision	Revision		Revision	Revision		

- You should spend about 35 minutes revising your KO each day.
- You should spend 25 minutes either reading or revising each day.
- This timetable is a guide. If you want to spend longer revising one subject that you find more difficult and less time on one you find easy, that is your choice.
- We would like you to spend one evening involved in a physical activity. This might be a sports club, a run, a game of football with friends or just a nice walk with the dog. Ask your PE teacher if you need guidance with this. It doesn't have to be on a Wednesday.
- In the summer term you will complete end of year assessments. Your teacher will give you specific revision activities to complete to guide you in what you need to revise for these tests. This will include all of your KOs for the year but may include some additional resources.

Art and Design principles

	= 33.9	pe.p.ee
Line		A line is a path made by a moving point through space. It is one-dimensional and can vary in width, direction, and length.
Shape		Shapes are flat, enclosed areas that are two-dimensional (length and height). Artists use both geometric and organic shapes.
Color		There are three properties of colour: Hue (pure colour) Intensity (strength/purity), tone (lightness/darkness)
Tone		Tone describes the lightness or darkness of a colour/surface.
Texture		Texture describes the surface quality of an object. Artists use both actual texture (how things feel) and implied texture (how things look like they feel).
Space		Space is used to create the illusion of depth within an artwork. It can also refer to the positive and negative space between, around, or within objects.
Form		Forms are three-dimensional (length, width, height) and can be viewed from many angles. Forms have volume and take up space.

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Surreal Art	Key terms	Tick
Surrealism aims	Surrealism aims to revolutionise human experience. It balances a rational vision of life with one that asserts the power of the unconscious and dreams. The movement's artists find magic and strange beauty in the unexpected and the uncanny, the disregarded and the unconventional.	
What are the 3 major aspects of surrealism	Surrealist artists sought to explore the realm of the unconscious and dreams through their work, creating bizarre, dreamlike images that defied logical interpretation. At its core, surrealism is characterized by three main themes: dreams , the unconscious , and the irrational .	
History	Surrealism is an art and cultural movement that developed in Europe in the aftermath of World War I in which artists aimed to allow the unconscious mind to express itself, often resulting in the depiction of illogical or dreamlike scenes and ideas	
Main artists	Salvador Dali, René Magritte, Dorothea Tanning	
Surrealism Art Characteristics	 Expressions of the subconscious mind. Art designed to unsettle and transgress boundaries. The liberation of thought and language. Chance, randomness, and unpredictability. 	



https://www.tate.org.uk/kids/explore/what-is/surrealism

Computer Systems

Keyword	Definition	✓
Hardware	The physical components of a computing system	
Software	The programs of a computing system.	
Specs (Specifications)	A table of hardware components and technical characteristics	
Storage	The set of components that stores programs and data.	
Memory	The component that stores the programs and data currently in use.	
Processor	The component that executes program instructions.	
Operating System	A programs that controls the operation of a computing system.	
Artificial intelligence (AI)	Any machine that performs tasks that typically require intelligence in humans	
Binary	A number system with two vales, 1 or 0.	
Bit	Binary digit.	
ASCII	Uses sequences of 7 bits to represent standard keyboard characters.	

Year 8 Knowledge Organiser

Design Technology

Tick here	Different jobs linked to Design Technology: Product Design				
	0 0	Architecture Engineering			
	0	Furniture designer CAD technician Carpenter/joiner	Do Now 1 information		
	0 0	Interior designer Construction			

Tick here	Famous product	Inspiration	
	Anglepoise lamp	Human elbow	Do Now 2
	Velcro	Burr plant	information
	Bullet train	Kingfisher bird	

Tick here	Key word	Definition	Do Now 3 information	
	Ergonomics	How easy or comfortable a product is to use.		
	Ideation	The formation of design ideas.		
	Annotation	Writing notes around design idea to explain them.		

Tick here	Tool name / key word	Function	Do Now 4 information	
	Hot glue gun	These heat up hot melt glue and are used to join material when modelling.		
	Glasspaper	This is an abrasive paper which wears away material.		
	Scoring	The process or ready for foldi	f cutting into a material, ing.	

Tick here	Tool/ equipment name		Do Now 5 nformation		
	Craft knife	These are used to cut through pape and boards.			
	Safety ruler	These are used to keep fingers safe when using craft knives.			
	Cutting mat	These are used to cut papers and boards on when using craft knives.			

Year 8 Sum 1 – Persuasive Writing

The Aristotelian Triad		-	Vocabulary			
Ethos	Appeal of personality or character. Establishes the author's credibility		Analogy	-	parison between one to by for the purpose of exaction.	
Logos	Appeal to reason. Establishes a logic argument		Anecdote	A short amusing or interesting story about incident or person.		g story about a rea
Pathos	Appeal to the emotions of the author's audience.		Maxim	A general truth, fundamental principle, or r conduct.		principle, or rule o
Rhetorical Devices		~	Rhetoric		The art of effective or persuasive speaking writing	
Anaphora	The repetition of a word or phrase at the beginning of multiple sentences.		Theme	The main idea or underlying meaning a explores		neaning a writer
Direct Address	Addressing a person or a		Tone	The att	itude conveyed in a pi	ece of writing.
	group of people directly					
	through use of name or personal pronouns.		Structure of	f a speech	1	
Hyperbole	Exaggerated statements or claims that are not meant to be take literally.		Introducti Introduce y argument to	our	Ethos Establish your ethos. Why are you the best	Argument #1: B Present and exp first point of
Imperatives	A call to action.		audience		person to present this argument?	argument. Use I make your arg clear.
Metaphor	A comparison which says				cicur.	
	one thing is the other		Conclus	ion	Argument #2: So	Counterargume

A question which does not

Language crafted to evoke an emotional response in

require an answer.

the listener.

	typically for the purpose of explanation or clarification.		
Anecdote	A short amusing or interesting story about a real incident or person.		
Maxim	A general truth, fundamental principle, or rule of conduct.		
Rhetoric	The art of effective or persuasive speaking or writing		
Theme	The main idea or underlying meaning a writer explores		
Tone	The attitude conveyed in a piece of writing.		
Structure of a speech			
Introduction Introduce your argument to your audience.		Ethos Establish your ethos.	Argument #1: Because Present and explain the
		Why are you the best person to present this argument?	first point of your argument. Use logos to make your argument clear.
		person to present this	argument. Use logos to make your argument

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Direct	
Address	
Anecdote	
Facts	
Opinion	
Repetition	
Emotive	
Language	
Statistics	
Triple	
Forms	~
Speech	
Article	
Letter	

Blogpost

Leaflet

Rhetorical Questions

Emotive Language



Famous Speakers from History		
Aristotle	Hugely influential Ancient Greek philosopher and scientist. Aristotle's practical philosophy covers areas such as ethics, politics, economics, and rhetoric.	
Alexander the Great	Educated by Aristotle himself, a king of the ancient Greek kingdom of Macedon. He was undefeated in battle and is widely considered one of history's most successful military commanders.	
John F Kennedy	Often referred to as JFK, was an American politician who served as the 35th president of the United States from 1961 until his assassination in 1963. He was the youngest person elected president.	
Martin Luther King	Was an American Christian minister, activist, and political philosopher who was one of the most prominent leaders in the civil rights movement from 1955 until his assassination in 1968.	
Winston Churchill	Twice served as Prime Minister of the United Kingdom, from 1940 to 1945 during the Second World War, and again from 1951 to 1955.	
Charlie Chaplin	Was an English comic actor, filmmaker, and composer. His films are characterised by satire combined with pathos.	
Greta Thunberg	A Swedish environmental activist known for challenging world leaders to take immediate action for climate change.	

Year 8 Sum 1 – Persuasive Writing

Annotated example of a speech

Anaphora: the repetition of a word or phrase at the beginning of multiple sentences. This helps Martin Luther King stress the point he is trying to make, creating a sense of urgency. Change must happen now or it will not happen at all. Metaphor: Segregation is compared to a 'dark and desolate valley' to make it sound bleak. 'Dark' suggests negativity and 'desolate' implies there is a lack of hope.

Now is the time to make real the promises of democracy. Now is the time to rise from the dark and desolate valley of segregation to the sunlit path of racial justice. Now is the time to lift our nation from the quicksands of racial injustice to the solid rock of brotherhood.

Pathos created through King's use of direct address. He is appealing to the audience's sense of duty. They all have a part to play in helping their country end racism and segregation forever.

Metaphor 2 is used here to compare 'brotherhood' to a solid rock. A rock is strong and stable, a foundation for Martin Luther King's dream of a 'brotherhood', a community of people who are not divided.

	willo are not divided.	
Mark scheme for s	Mark scheme for speeches	
PASS	 Expresses straightforward ideas, information and feelings. Makes an attempt to meet the needs of the audience through language choices. 	
MERIT	 Expresses challenging ideas, information and feelings using a range of vocabulary. Achieves the purpose of the presentation through language choices. 	
DISTINCTION	 Expresses sophisticated ideas, information and feelings using a sophisticated repertoire of vocabulary. Achieves the purpose of the presentation through language choices. 	

Year

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Food Waste- Food Miles- Our Carbon Footprint- Food Security.

Food Waste-

In the UK we through away over 7 million tonnes of food and drink a year. This is worth over £120 million pounds. This equals the average family wasting £700 per household. Most of this food wasted from consumers ends up in landfill, this rots down and produces harmful greenhouse gases, for example methane and Carbon Dioxide. The amount of greenhouse gases we are producing has been linked to global warming and climate change. The food we waste most is Bread- Fresh Vegetables and fruit, Salad and drinks. The main reasons we waste food are Too much food is prepared and cooked. We do not check labels and

Reduce your carbon footprint: to reduce yours you can,
Buy fresh local produce
Cook Fresh Meals
Use seasonal UK ingredients
Reduce your consumption of meatMore energy is used to raise animals than to grow cereals.
Consider the method of cooking you use to reduce the amount of energy used, i.e. Microwave vegetables.

food is not used in time.

FOOD MILES

The distance food travels from Field to Plate, is one way of indicating the environmental impact of the food we eat. Almost 54 percent of the vegetables and 90 percent of the fruit eaten in the UK is imported. Food is transported across the world because we want to buy foods out of season. For example Asparagus is only in season for May and June in the UK but we like to eat it all vear so import it from as far away as Peru. Some foods are flown in and this increases carbon emissions.

Carbon Footprint -

This measures the impact human activities have on the environment in terms of carbon emissions.

The **carbon footprint** of a product is the amount of carbon emissions produced in the growing/rearing, processing, production and disposal of food. It is not just the food miles- you need to consider all the processes the food has gone through from seed- to being eaten or disposed of.

Eco Footprint- More people

that our food has on the

including food manufacturers are

stopping to consider the impact

environment ECO FOOTPRINT

is the term used to refer to the

measurement of our actions on

sustainable food production the

food industry must reduce waste.

water and energy inefficiency by

people and manufacturers plant

the environment. To achieve

using sustainable resources.

Carbon offsetting-some

trees to absorb the carbon

production. This is called

Carbon Offsetting.

dioxide given off during food

Oesophagus: Circular muscles in the wall of the oesophagus relax in front of the bolus (a ball like mixture of food and saliva) while circular muscles behind the food contract, pushing the food bolus onward. This is called peristalsis.





Fairtrade

ensures farmers and producers get a fair price for their product. Fairtrade addresses the injustices of conventional trade which traditionally discriminates against the poorest weakest producers

Genetically Modified Foods

The use of new technology in the food industry is controversial, especially products made by modifying or engineering the genetic make up of food. This is undertaken by copying a gene with its code and inserting it into another living organism.

GM means modifying or engineering the genetic make-up of food.

Advantages of GM are:

improvements to quantity and quality of food.

can grow in adverse conditions, e.g. drought.

herbicide and insect resistant, therefore thrive better.

high nutritional quality. cheaper to produce.

The concerns about GM foods include:

Their long-term safety is unknown

Environmental effects, as the pollen from GM crops does not stop in one place Ethics – we need adequate labelling: if a product has more than 1% of GM food this must be stated on the label; if it is under 1 per cent it does not need to be stated.

The most common GM foods include- Soy Beans and Corn, these are mostly used as animal feed.

Food Sustainability- When choosing foods we do need to think about whether they are sustainable, some of the factors you can consider are-

Where has the food come from, has it been grown or produced locally, if it was imported could a Fairtrade product have been purchased.

How was it produced? For example, were organic or sustainable farming methods of farming used?

Is the food sustainable- i.e. have you chosen fish from a sustainable source? i.e. line caught and not trawled?

Have you considered the amount of meat that you eat and have you checked if the meat was reared with high welfare standards?

How much energy was used in the production, does the company use renewable energy sources?

What impact has the production of the food had on the environment? For example pollution and carbon emissions.



Key terms

CARBON FOOTPRINT- the amount of carbon emissions produced in the growing , processing, production and disposal of food. ECO FOOTPRINT- Measurement of our actions on the environment.

FOOD MILES -Distance food travels from farm to plate.

CARBON OFFSETTING – planting trees to absorb carbon dioxide.

SUSTAINABLE FARMING- using resources that will not run out.

FOOD WASTE- Food not consumed or used for its original purpose.

GENETICALLY MODIFIED (GM) FOODS

Describes foods where the genetic structure has been changed

FAIRTRADE an organisation that supports farmers to ensure that they get a fair deal.

RSPCA ASSURED – A certification mark given to producers to show buyers animal welfare standards have been applied and checked.

RED TRACTOR – ASSURED FOOD STANDARDS A certification mark given to producers to show buyers animal welfare standards have been applied and checked. MARINE STEWARDSHIP COUNCIL- An organisation that ensures sustainable fishing practices have been used in catching seafood







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Les vacances	Holidays
Les grandes vacances	Summer holidays
Les vacances de Noël	Christmas holidays
Les vacances d'hiver	Winter holidays
Les vacances de printemps	February half term
J'ai une semaine de vacances	I have a week's holiday
Pâques	Easter
La Toussaint	All Saints day/ Hallowe'en
Un jour	One day
Une semaine	One week
Un mois	One month
Un an	One year

Les transports	Transportation
en bus	by bus
en car	by coach
en avion	by plane
en bateau	by boat
en voiture	by car
en train	by train
en métro	by underground
à vélo	by bike
à pied	by foot

- 1	1	
Où vas-tu en	Where do you go on	
vacances?	holiday?	
en Angleterre	in/to England	
en France	in/to France	
en Écosse	in/to Scotland	
en Belgique	in/to Belgium	
au Pays de Galles	in/to Wales	
aux États-	in/to the United	
	"", "	
Unis	States	
en colo (nie	on holiday camp	
de vacances)	our and a second	
à la	in/to the countryside	
campagne	m/to the countryside	
à la	in the mountains	
montagne		
au bord de la		
mer	by the seaside	
chez mes		
grand-	at my grand-parents	
parents	at my grand-parents	
chez mon		
oncle	at my uncle's	
Ullcle		

The verb TO HAVE
I have
You have (s)
He has
She has
We have/one has
We have
You all have (pl)
They have (m)
They have (f)

Le verbe ALLER in the past	
Je suis allé(e)	I went
Tu es allé(e)	You went
II est allé	He went
Elle est allée	She went
On est allé (e) (s)	We/one went
Nous sommes allé(e)s	We went
Vous êtes allé(e)s	You all went
lls sont allés	They went (m)
Elles sont allées	They went (f)

Past tense

Bournemouth School – Knowledge Organiser – Year 8

FRENCH

Phrases au passé	Phrases in the past
J'ai mangé	I ate
J'ai joué	I played
J'ai écouté	l listened
J'ai regardé	I watched
J'ai visité	I visited
J'ai acheté	I bought
J'ai nagé	I swam
J'ai retrouvé	I found/met up with
J'ai voyagé	I travelled
J'ai travaillé	I worked

Year

Studio Grammaire

You use the perfect tense to talk about what you did or have done.

To form the perfect tense, use part of the verb *avoir* (to have) + a past participle.

The past participle of regular **-er**, **-ir** and **-re** verbs is formed as shown in bold, below.

e.g. visiter → visité

e.g. attend $re \rightarrow$ attendu

e.g. fin**ir** → fin**i**

j'ai

tu as

il/elle/on a

nous avons

vous avez

ils/elles ont

Studio Grammaire

Some verbs have irregular past participles.

finitive Derfect tense with in Der

Infinitive Perfect tense with je Perfect tense with on

boire (to drink) j'ai **bu** (I drank) on a **bu** (we drank)

faire (to do/make) j'ai fait (I did) on a fait (we did)

prendre (to take) j'ai pris (I took) on a pris (we took)

voir (to see) j'ai **vu** (I saw) on a **vu** (we saw)

Studio Grammaire

Some verbs form their perfect tense with *être* (not with *avoir*).

You add an extra **-e** to the past participle in the feminine and an extra **-s** in the plural.

aller (to go)

je suis all**é(e)** (I went)

tu es all**é(e**)

il/elle est all**é(e)**/on est all**é(e)s**

nous sommes allé(e)s

vous êtes all**é(e)(s)**

ils sont all**és**/elles sont all**ées**

Some other verbs which use être:

arriver (to arrive) → je suis arrivé(e)

partir (to leave) → je suis parti(e)

rentrer (to get/go home) → je suis rentré(e)

rester (to stay) → je suis resté(e)

sortir (to go out) → je suis sorti(e)

Quand?	When?
aujourd'hui	today
hier	yesterday
hier soir	last night
(lundi) dernier	last (Monday)
la semaine dernière	last week
l'année dernière	last year
l'été/l'hiver dernier	last summer/winter
d'abord	first of all
ensuite	next
après	after
finalement	finally

Quel désastre!	What a disaster!	
J'ai perdu mon portable	I lost my mobile phone	
J'ai oublié mon passeport	I forgot my passport	
J'ai raté le bus	I missed the bus	
Je suis arrivé en retard	I arrived late	
J'ai vomi	I vomitted	
Quelle horreur!	How awful!	

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Les opinio	n - Opinions
À mon avis	In my opinion
Selon moi	In my opinion
Je pense que	I think that
Je crois que	I believe that
C'était génial	It was great
C'était amusant	It was fun
C'était long	It was long
C'était ennuyeux	It was boring/annoying

YEAR 8 GEOGRAPHY

Topic 5: UK Geology

Section 1: The Rock Cycle

There are three types of rocks: Igneous Sedimentary Metamorphic

These rocks vary in how they are formed, their characteristics and their appearance.

- Igneous rock forms from volcanic activity.
- Metamorphic rock is formed from existing rock changing shape and characteristics through heat and/or pressure.
- Sedimentary rocks are small, eroded particles/remains of plants and animals deposited in layers that turn into rock over time and under pressure.

Section 2: UK Geology

The rocks in the UK were all formed between 541 million years ago and today.

There are differences in geology characteristics north and south of the **Tees-Exe line.**

To the north, most rocks are older, and more resistant (metamorphic, igneous and older sedimentary rocks). To the south, most rocks are younger and less resistant (sedimentary rocks).

Section 3: Glaciation

A **glacier** is a large mass of ice often shaped like a river that flows very slowly, under the force of gravity.

During the last ice age snow and ice covered much of the UK landscape. Temperatures barely rose above freezing even in the summer! Temperature changes can be caused by natural events:

- Volcanic eruptions
- Asteroid collisions
- Sunspots
- Orbital changes

Section 4 & 5: How has ice shaped the landscape?

There are two types of glacial **erosion** called plucking and abrasion.
These have created a variety of erosional landforms:

- U-Shaped Valleys
- Corries
 - Aretes
 - Pyramidal Peaks

There are four methods of glacial transportation:

- Freeze-thaw weathering
 - Plucking
- Bulldozing
- Rotational Slip

Glacial **deposition** can cause landforms to form:

- Erratic
- Drumlin
- Crag and Tail

Section 4 & 5: How has ice shaped the landscape? LANDFORMS OF GLACIAL EROSION PYRAMIDAL PEAK CORRIE/CWM/CIRQUE • ARETE • TARN TRUNCATED SPUR HANGING VALLEY & WATERFALL • WATERFALL GLACIAL TROUGH/ RIBBON LAKE U-SHAPED VALLEY DIRECTION OF GLACIAL MOVEMENT

Section 7 & 8: The Lake District

Tourist Attractions:

- Stunning landscapes with mountains, lakes, and villages.
- Hiking Scafell Pike and adventure activities like rock climbing and water sports on lakes.
- Literary connections to Wordsworth and Beatrix Potter.

Economic Benefits:

- Nearly £1000 million spent in 2014.
- Supports hospitality and adventure tourism jobs.

Social Challenges:

- High house prices due to holiday homes.
- Seasonal, low-paid jobs.

Environmental Issues:

- Footpath erosion and pollution.
- Farmland damage from tourists and dogs.

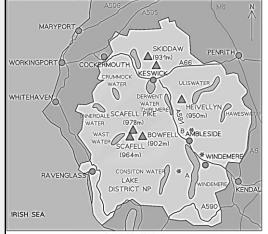
Management Strategies:

 Dual carriageways, park-and-ride schemes, and traffic calming.

Section 6: Human interaction with glaciated landscapes.

Glaciated areas provide opportunities for economic activities.

- Agriculture Upland glaciated landscapes can be used for grazing livestock (sheep are particularly well suited).
- Forestry large plantations of mostly conifer trees have been planted throughout Scotland and across parts of northern England.
- Quarrying Upland glaciated areas are made of hard, resistant rock. This can be quarried and crushed to provide stone used in the construction industry and for building roads.
- Tourism Spectacular glacial scenery attracts tourists who enjoy outdoor activities and the cultural heritage.



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School

Knowledge

Organiser

Year

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To use a **regular** present tense verb you need: Essential verbs Wo wohnst du? - Where do you live? Ich wohne ... I live subject stem ending wohnen - to live + in einem Dorf ich wohne I live in a village -е in einer Stadt du wohnst in a town vou live Chop the -en in einer vou - st he/she/it lives er/sie/es wohnt in a city off the Großstadt he/she/it er/sie/es - t on the outskirts of we live wir wohnen infinitive am Stadtrand town we - en ihr wohnt you (pl) live in der in the middle of town For example: sie wohnen/ they/you vou Stadtmitte - t Sie wohnen (formal) live lernen they im Stadtzentrum in the town centre - en stem = lern möchten - would like in the countryside auf dem Land you (polite) - en in den Bergen ich möchte I would like in the mountains German word order rules verb second: you would like an der Küste du möchtest on the coast In German, the verb is always the second idea in a he/she/it er/sie/es sentence. If you start a sentence with a time phrase, the Wo wohnst du? - Where do you live? möchte would like verb has to come immediately afterwards. wir möchten we would like in einem in a detached Im Sommer esse ich Eis. Am Abend esse ich Pommes. Einfamilienhaus house you (pl) would verb to end: ihr möchtet in a house for in einem like the conjunction "weil" send the verb to the end of the Mehrfamilienhaus multiple families they/you clause. Ich mag meine Stadt, weil sie sauber ist. sie möchten/ in a semiin einem (form) would Sie möchten **Doppelhaus** detached house like in einem in a terraced Reihenhaus house essen - to eat in einer Wohnung "no/not any" follows the same pattern in a flat se I eat in einem in a bungalow vou eat Bungalow

After es gibt and most other verbs, the masculine word for "a" changes its spelling. Feminine, neuter and plural articles stay the same. The word for

	<u>Verb</u>	<u>article</u>	<u>noun</u>
		einen / keinen	Park
Es gibt	Tht	eine / keine	Kirche
		ein / kein	Kino
		- / keine	Schlösser

	ich es
n	du iss
<u></u>	er/sie/
	wir es
	ihr es
	sie es Sie es
	es
	ı c

German

Bournemouth School – Knowledge Organiser – Year 8

<u>In der Stadt – In town</u>		
Es gibt	There is/there are	
Es gibt ein/eine/einen	There is a	
Es gibt kein/keine/ keinen	There isn't/aren't	
der Bahnhof(ö-e)	train station(s)	
der Marktplatz(ä-e)	market place(s)	
der Park(-s)	park(s)	
die Imbissstube(-n)	snack stand(s)	
die Kirche(-n)	church(es)	
die Kegelbahn(-en)	bowling alley(s)	
das Schloss(ö-er)	castle(s)	
das Schwimmbad(ä-er)	swimming pool(s)	
das Kino(-s)	cinema(s)	

<u>In der Stadt – In town</u>		
der Imbiss(-e)	snack stand(s)	
der Stadtpark(-s)	town/city park(s)	
der Wasserpark(-s)	water park(s)	
der Fischmarkt(ä-e)	fish market(s)	
der Radweg(-e)	cycle path(s)	
die Eisbahn(-en)	ice rink (s)	
das Kindertheater(-)	children's theatre(s)	
das Sportzentrum	sport centre(s)	
in der Nähe von	near to	
in der Nähe	nearby	

Souvenirs	s - Souvenirs	
der Aufkleber	sticker	
der Kuli	pen	
der Schlüsselanhänger	key ring	
die Kappe	cap	
die Postkarte	postcard	
die Tasse	cup/mug	
das Trikot	football shirt	
das Freundschaftsband	friendship bracelet	
das Kuscheltier	cuddly toy	
Wie viel kostet?	How much does cost?	
Wie viel kostet das?	How much does it cost?	
Es kostet	It costs	

Verkaufsgespräch – Shopping Conversation		
Ich gehe einkaufen	I'm going shopping	
Ich möchte	I would like	
lch möchte kaufen	I would like to buy	
Haben Sie?	Do you have?	
Kann ich dir helfen?	Can I help you?	
Sonst noch etwas?	Anything else?	
alles zusammen	all together	
Ich möchte einmal/ zweimal	I would like one/two	
Ich hätte gern	I would like	
Das macht	That's	
Es ist teuer / billig	It's expensive / cheap	

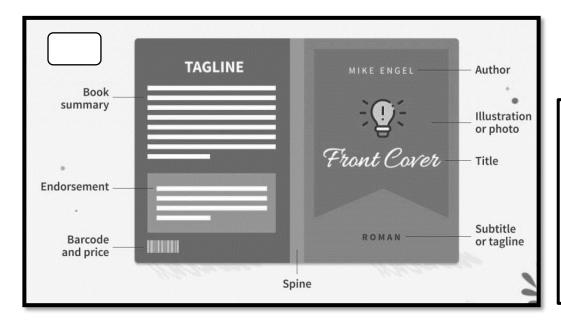
		etränke kaufen – ks and drinks	
	buying snac	ns allu ullins	
	der Hamburger	hamburger	
	der Salat	salad	
	der Tee	tea	
	der Senf	mustard	
	der Ketchup	ketchup	
	die Bratwurst	fried sausage	
	die Pizza	pizza	
	die Pommes	chips	
	die Mayo(nnaise)	mayonnaise	
	das Eis	ice cream	
	die Cola	cola	
	das Mineralwasser	mineral water	
_	das Fleisch	meat	
	Ich esse gern	I like eating	
2	ich trinke gern	I like drinking	

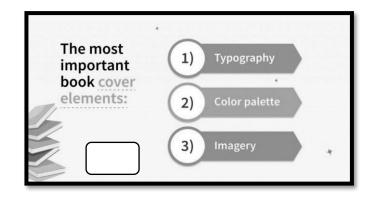
Oft benutzte Wörter – Highfrequency words

sehr	very	
nicht sehr	not very	
ziemlich	quite	
gar nicht	not at all	
alles	everything	
denn	because	
weil +VTE	because	
dort	there	

Graphic Communication - Book Cover Design

Key terms	LCWC	tick
Book cover design	In combining form and function, a great book cover must: Visually stand out in a crowded bookstore – or as an online thumbnail; Legibly state the title and the author's name; Communicate the book's tone and genre.	
Emphasis	Referring to the focal point of a design and the order of importance of each element within a design	
Contrast	Contrast is what people mean when they say a design "pops." It comes away from the page and sticks in your memory. Contrast creates space and difference between elements in your design. Your background needs to be significantly different from the color of your elements, so they work harmoniously together and are readable.	
Hierarchy in typography	Typographic hierarchy shows the reader which information to focus on, which is most important, and which just supports the main points. Make sure to use typographic hierarchy to bring attention to the more important text.	





Understanding Genres & Trends

Each genre has visual expectations. For example:

- •**Thrillers** Dark tones, bold fonts, and mysterious imagery.
- **Romance** Soft colors, elegant scripts, often featuring couples.
- Fantasy Detailed illustrations, medieval fonts, magical elements.
- •Non-fiction Minimalist, bold typography, straightforward imagery.

The Psychology of Covers

- First Impressions Matter Covers should be eyecatching and clear.
- **Emotional Connection** The imagery should evoke curiosity or intrigue.
- Marketability Covers should align with reader expectations to drive sales

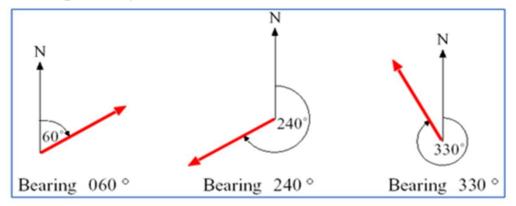


Bournemouth School: History Department: Knowledge Organiser: Year 8: Summer 1: Holocaust and Cold War

Holo	ocaust and Col	ld War: Key terms/definitions			The Vietnam War	,	
	Definition The Holocaust was the systematic, bureaucratic, statesponsored persecution and murder of approximately six millions.			√	The PAVN was the regular army of Vietnam. They wore uniforms and were trained to fight normal battles. The Vietcong were largely a guerrilla army. They didn't wear uniforms and blended in with the rest of the population in the US controlled South		
100	religion, or sexual orientation or political beliefs		•		Vietnam. Tactics were demoralising for the USA and included undergroun tunnels and booby traps.	b	
C	countries and th	lity that existed between the Soviet b he Western powers from 1945 to 199 and ideals, especially one which form	0		The USA had superior weapons, supplies and resources than the North Vietnamese. All soldiers had an M16, they were supported by helicopters and had huge B52 bomber planes. Operation Rolling Thunder dropped 1		
ideology doy		nomic or political theory and policy			million tonnes of bombs on Vietnam.		
Holocaust:	:: Events leadi	ing up to the Holocaust	✓		Key people		
members of September 1939: Jews	juries, enginee Jews were forbids s were forbidde sport e				Josef Stalin Led the Soviet Union from 1924 to 1953 Adolf Hitler was Chancellor of Germany from January 1933 and Fuhrer from August 1934	,	
January 1941: Jews September 1941:	garde s could only go Distribution of	o enter Prague's public parks and ens shopping between 3pm and 5pm. distinguishing Jewish yellow star and prayer rooms to be closed			Winston Churchill Prime Minister of the UK in May 1940 and was PM again at the start of the Cold War from 1951 Winston Churchill President D. Roosevelt was President of the USA from March 1933-April 1945. H was President at the very start of the Cold War but died in April 1945	e	
Conditions for Jewish people living in occupied areas		✓		Key events of the Cold War			
Ghettos - During WW2 Jews Nazi occupied are forced to live in gh - The conditions in governe very harsh. - Ghettos were area from the rest of the anyone was caugl escape they could - Food was very lim people had to surv 300 calories a day	es living in eas were hettos. ghettos as shut off ne city and if pht trying to d be shot. nited and evive on just	Final Solution - 20th January 1942, leading Nazis met at Wannsee to plan the "Final Solution" to "the Jewish Question." - This meant the complete extermination of all Jews under German control. - Six special death camps were built with gas chambers capable of killing 2000 people at once and large ovens for disposing of bodies.		fror 195 Cu thi Cu war Ult a 1965	1948-1949 Berlin Blockade and Airlift: The USSR cut off all land transport links from the east into west Berlin. The allies consequently airlifted supplies to west Berlin and the blockade was ultimately called off. 1950-1953: The Korean War. The Communist North was backed by the USSR and the capitalist south was backed by the USA. 1961: The Berlin Wall was built physically separating east from west. Cuban Missile Crisis: In 1960 the USA placed missiles in Turkey, directly threatening the Soviet Union. In October 1962, the USSR placed missiles on Cuba. The USA demanded that these missiles be removed. The USA placed warships around Cuba and promised to search any ship approaching the island. Ultimately, talks took place between the USA and Soviet Union and both sides agreed to remove their missiles. The world was on the brink of nuclear war. 1965-1975: The Vietnam War took place between the communists and capitalists 1979-1988: Afghanistan. The USSR invaded and the cost of war nearly		

Keyword	Definition	Example(s)
Bearings	A direction that is: - Measured from North - Clockwise - Must be written as a 3 digit number	The bearing of from is
Map Scales	The ratio of distances from map to ground.	The map scale on the map = () on the ground
Scale drawi ngs	A scale is applied to distances, but bearings/ angles stay the same	n/a

Bearings examples



Keyword	Definition	Example(s)
Standard Fo rm	A number of the form where	
Multiplying and Dividing in Standard Fr om	Multiply or divide the "" values, and add or subtract the "" powers. Make sure the answer is given in standard form	= =

Year 8 – Maths – Summer 1

Keyword	Definition	Example(s)
Multiplier	The decimal equivalent of a percentage used to find a percentage/percentage c hange	The multiplier for finding 80% is The multiplier for a 15% increase is
Repeated % change	When an amount is increased/decreased by a percentage multiple times	A shirt with RRP £30 is reduced by 20%, and then by a further 30%.
Simple Interest	Interest added is a constant amount each term, based upon the initial investment	£1000 earning 3% simple interest over 4 years:
Compound Intere st	Interest changes each term, based upon the current amount	£1000 earning 3% compound interest over 4 years:
Combining ratio	Ratios which have a common element can be combined by scaling up/down ratios	& is common such that & therefore
Ratio – Fraction Equivale nce	Writing a pair of equal ratios as equal fractions to enable problem solving	If then and is of the total



Musical a play that includes singing and dancing to help tell the story

- Jukebox musical uses songs that already exist, often by the same artist
- **Book musical** uses songs specially written to fit the play

Dialogue conversation between characters **Sung through** a musical where singing replaces spoken dialogue

Lead role one of the main characters

Chorus role the crowd – parts without independent singing or dialogue

Solo number a musical number for one (lead) character

Chorus number a musical number for the chorus

Voice ranges:

Soprano (high female), Alto (low female), Tenor (high male), Bass (low male)

Other specific jobs:

Choreographer person who devises and teaches dances

Musical director the person in charge of the musical aspects of a performance

Director in overall charge of the creative side of a performance

Producer in charge of the business side of a performance

Texture:

Homophony a texture with one main melody supported by chords **Voice leading** parts move to nearby notes when chords change to make smooth lines **Unison** different parts play or sing the same music at the same pitch

Elements

DR T SMITH

Dynamics

Changes in volume

Rhythm

Patterns of note lengths and accents

Texture

The way musical lines are combined in a piece

Structure

The different sections of a piece and the order in which they happen

Melody

Anything about the tunes in a piece of music Instruments

Which instruments are used, and what they do

Tonality

Information about the key a piece of music uses, and how it changes

Harmony

The chords that are used



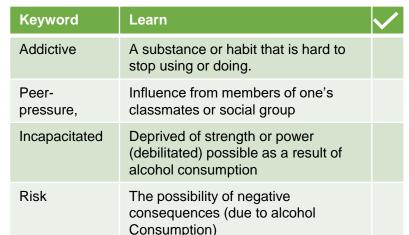
This QR code will take you to a Spotify playlist with audio examples for musicals. You will find it helpful to listen to these as you learn.







Year 8 – Personal Development – April 2024



Alcohol - some facts

- The "alcohol" in alcoholic beverages such as wine, beer, and spirits is actually ethanol. It's the only type of alcohol that you can drink without causing serious damage.
- Alcohol is a depressant. This means that it slows down activity in the brain.
- Alcohol has a wide variety of effects. In the brain, it triggers the release of dopamine, making you fell happy.
- Alcohol is among the most commonly misused addictive substances.
- The effects associated with drinking alcohol occur when ethanol enters your bloodstream and passes through the membranes of cells in your brain, heart, and other organs.
- · Men are more likely to use alcohol than women.
- Alcohol has different health consequences for men and women.
- Teens who start drinking before the age of 15 are more likely to develop alcohol dependence later on in life.
- Alcohol use is a significant risk factor for dementia.

Benefits of a healthy sleep pattern

- · Can improve long and short term memory
- Can improve mood and feeling more upbeat
- · Makes it easier to pay attention and stay focused
- Helps keep skin looking fresh and clear
- Supports healthy brain growth and development
- Reduces stress
- It increases academic performance
- Improves athletic performance and reaction speeds
- Can develop creativity and creative thinking

Some habits that can improve your sleep health:

Be consistent. Go to bed at the same time each night and get up at the same time each morning, including on the weekends

Make sure your bedroom is quiet, dark, relaxing, and at a comfortable temperature

Remove electronic devices, such as TVs, computers, and smart phones, from the bedroom

Avoid large meals, caffeine, and alcohol before bedtime Get some exercise. ...

Support and useful websites:

For further guidance or support:

 speak to a parent/carer, tutor, head of year, school nurse/counsellor or other trusted member of staff in the school

Childline: www.childline.org.uk 0800 1111

NHS Fall asleep faster and sleep better - Every Mind Matters - NHS (www.nhs.uk)

Talk to Frank http://www.talktofrank.com/drug/alcohol

Young Minds <u>YoungMinds</u> <u>Mental Health Charity For Children And Young People</u> <u>YoungMinds</u>



Key Words:

- ☐ Imperfection: Contains flaws, not perfect or contains aspects that are not flawless.
- ☐ Environment: Surroundings including animals, plants and nature.
- ☐ Environmental Sustainability: Using the natural resources but ensuring there are enough left for future generations.

 Making sure the balance is right.
- ☐ Stewardship: Having the role of steward. Responsibility for looking after the environment.
- □ Dominion: Power or control. The ability to rule over.
- ☐ Responsibility: Duties. Actions expected to be undertaken.

<u>Islam</u>

- ☐ Khalifah: Means Steward. A caretaker of the earth for Allah.
- ☐ Qur'an: Central religious text of Islam.
- □ Halal: Foods that are permissible for consumption according to Islamic dietary laws.

Environmental Charites:

- □ Eco Sikh: Is a response from the Sikh community to the threats of climate change and the deterioration of the natural environment. (Air is the Guru, Water the Father, and the Earth is the Great Mother). Eco Sikh connects Sikh values, beliefs, and institutions to the most important environmental issues facing our world.
- ☐ Tear Fund: is a Christian charity which partners with churches in more than 50 of the world's poorest countries. We tackle poverty and injustice through sustainable development, by responding to disasters and challenging injustice. We believe an end to extreme poverty is possible.
- □ WWF: Mission is to protect and restore nature and thanks to our supporters we are able to tackle the issues that pose the biggest threats to wildlife, like climate change and habitat loss.
- ☐ Bhumi Global: Mission is to engage, educate, and empower people and communities to address the triple crisis of climate change, biodiversity loss, and pollution. Our work is based on Hindu principles of environmental care.

Hinduism

- □ Reincarnation: Soul continues to live after death and is reborn into a new body or form.
- ☐ Atman: Soul in Hinduism.
- ☐ Samsara: Cycle of birth, life and rebirth in Hinduism.
- ☐ Dharma: Duty or virtue in Hinduism.
- □ Ahimsa: Non-violence and encompasses avoiding harm to all living beings, extending beyond physical actions to include thoughts and speech

Buddhism:

- □ Ahimsa: Importance of avoiding harm to all living beings, both through actions, words, and thoughts.
- ☐ Karuna: Means compassion.
- ☐ Sila: Ethical conduct.
- ☐ Rebirth: Buddhists believe when someone dies they will be reborn.









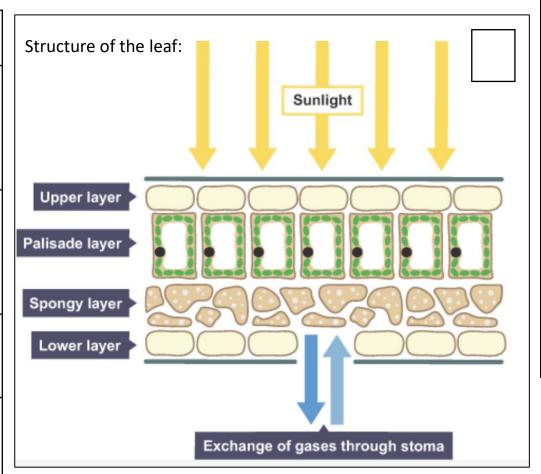






Biology I - Photosynthesis

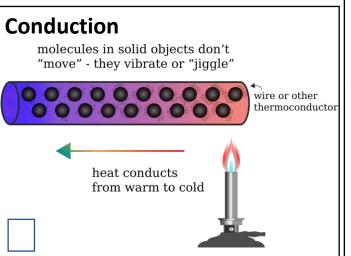
Keyword	Learn	
Fertilisers	Chemicals containing minerals that plants need to build new tissues	
Photosynthesis	A process where plants and algae turn carbon dioxide and water into glucose and release oxygen	
Chlorophyll	Green pigment in plants and algae which absorbs light energy	
Stomata	Pores in the bottom of the leaf which open and close to let gases in and out	

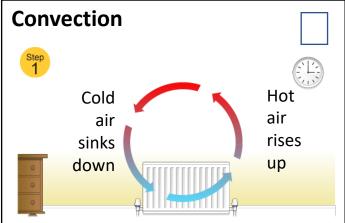


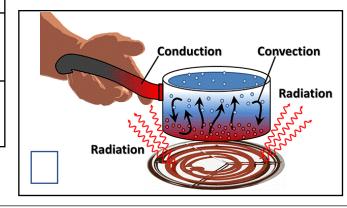
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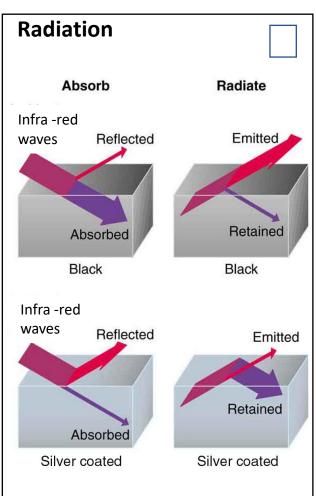
Physics J – Heating and cooling

Keyword	Learn	
Thermal conductor	Material that allows heat to move quickly through it	
Thermal insulator	Material that only allows heat to travel slowly through it	
Temperature	A measure of the motion and energy of the particles	
Thermal energy	The quantity of energy stored in a. substance due to the vibration of its particles	
Conduction	Transfer of thermal energy by the vibration of particles	
Convection	Transfer of thermal energy when particles in a heated fluid rise	
Radiation	Transfer of thermal energy as a wave	











¿Qué hora es?		
es la una	It's one o'clock	
son las dos	It's two o'clock	
es la una y cinco	It's five past one	
son las dos y diez	It's ten past two	
son las tres y cuarto	It's quarter past three	
son las cuatro y veinte	It's twenty past four	
son las cinco y veinticinco	It's twenty-five past five	
son las seis y media	It's half past six	
son las siete menos veinticinco	It's twenty-five to seven	
¿A qué hora?	At what time?	
a las tres	At three o'clock	

High-frequency words		
además	in addition	
porque	because	
sin embargo	however	
pero	but	
О	or	
bastante	quite	
muy	very	
un poco	a bit	
aquí	here	
a ver	let's see	
con	with	
hasta	until	
más	more	

Infinitives		
bailar to dance		
jugar	to play	
chatear	to chat	
mandar	to send	
salir	to go out	
ir	to go	
comer	to eat	
beber	to drink	
ver	to watch	
montar	to ride	

Near future tense				
You use the near future to say what you are going to do. To form the near future tense, use the present tense of ir (to go) plus a , followed by the infinitive				
voy vas va vamos vais van	+ a	+ infinit	ive	

Irregular verbs

Ir	To go
voy	l go
vas	you go
va	he/she goes
vamos	we go
vais	you all go
van	they go

Querer	To want	
quiero	I want	
quieres	you want	
quiere	he/she wants	
queremos	we want	
queréis	you all want	
quieren	they want	

Jugar	To play
juego	I play
juegas	you play
juega	he/she plays
jugamos	we play
jugáis	you all play
juegan	they play

Half-Term 5 – Mi ciudad

Year 8 SPANISH -

¿Qué hay en tu ciudad?

Нау	There is				
un castillo	a castle				
un centro comercial	a shopping centre				
un estadio	a stadium				
un mercado	a market				
un parque	a park				
una piscina	a swimming pool				
una plaza	a square				
un polideportivo	a sports centre				
un restaurante	a restaurant				
una tienda	a shop				
una universidad	a university				

¿Qué vas a hacer?

voy a salir	I am going to go out			
voy a ver	I am going to watch			
voy a ir	I am going to go			
voy a jugar	I am going to play			
voy a hacer	I am going to do			
voy a bailar	I am going to dance			
voy a chatear	I am going to chat			
voy a mandar	I am going to send			
voy a comer	I am going to eat			

En la cafetería

quiero	I want				
bebidas	drinks				
un batido de	a strawberry				
fresa	milkshake				
un café	a coffee				
una Coca-Cola	a Coca-Cola				
una Fanta limón	a Fanta lemon				
un té	a tea				
un granizado de	an iced lemon				
limón	drink				
calamares	squid				
croquetas	croquettes				
un bocadillo	a sandwich				
gambas	Prawns				
jamón	ham				
pan con tomate	tomato bread				

¿Qué haces en la ciudad?

salgo con mis	Lgo out with				
-	I go out with				
amigos	my friends				
voy	I go				
al cine	to the cinema				
al parque	to the park				
a la bolera	to the				
	bowling alley				
a la cafetería	to the				
a la Caletella	cafeteria				
a la playa	to the beach				
a la biblioteca	to the library				
al colegio	to the school				
al mercado	to the market				
de compras	shopping				
de paseo	for a walk				
no hago nada	I do nothing				

¿Cuándo?

este fin de semana	this weekend			
el sábado por la mañana	Saturday morning			
el domingo por la tarde	on Sunday afternoon /evening			
primero	firstly			
luego	then			
finalmente	finally			
a las tres de la tarde	at three o'clock in the afternoon			
(un poco) más tarde	(a little) later			

Year 8 SPANISH - Half-Term 5 - Mi ciudad

Timetable

1Mon	1Tue	1Wed	1Thu	1Fri	2Mon	2Tue	2Wed	2Thu	2Fri
	1Mon	1Mon 1Tue	1Mon 1Tue 1Wed	1Mon 1Tue 1Wed 1Thu	1Mon 1Tue 1Wed 1Thu 1Fri	1Mon 1Tue 1Wed 1Thu 1Fri 2Mon	1Mon 1Tue 1Wed 1Thu 1Fri 2Mon 2Tue	1Mon 1Tue 1Wed 1Thu 1Fri 2Mon 2Tue 2Wed 1 <td>1Mon 1Tue 1Wed 1Thu 1Fri 2Mon 2Tue 2Wed 2Thu 1</td>	1Mon 1Tue 1Wed 1Thu 1Fri 2Mon 2Tue 2Wed 2Thu 1