# 100% book - Year 10 Mainstream

Aim to memorise 100% of the knowledge on these Knowledge Organisers.



# Term 5

Swindon Academy 2022-23		
Name:		
Tutor Group:		
Tutor & Room:		

"If you are not willing to learn, no one can help you.

If you are determined to learn, no one can stop you."



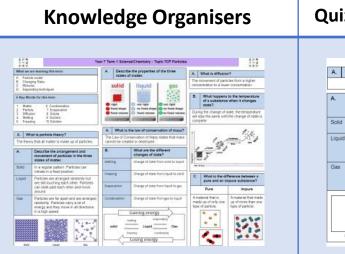








# How to use your 100% book of Knowledge Organisers and Quizzable Organisers



Knowledge Organisers contain the essential knowledge that you MUST know in order to be successful this year and in all subsequent years.

They will help you learn, revise and retain what you have learnt in lessons in order to move the knowledge from your short-term memory to long-term memory.

# Quizzable Knowledge Organisers

changes of state?		Describe the arrangement and movement of particles in the three	Α.
	Melting	states of matter.	
	Freezing		Solid
	Ť		Liquid
	Evaporation		
	Condensation		Gas
>			
	Condensation		Gas

These are designed to help you quiz yourself on the essential Knowledge.

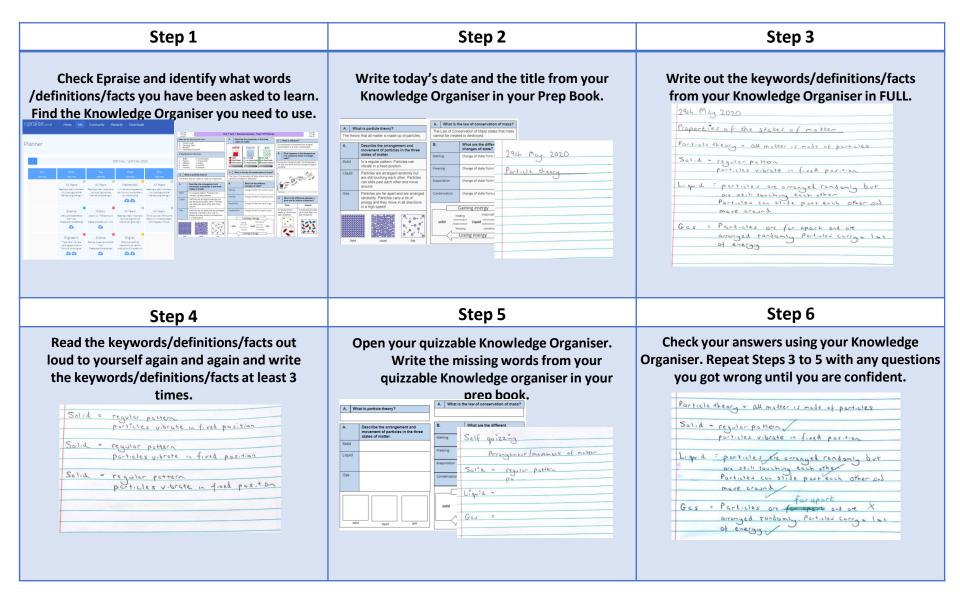
Use them to test yourself or get someone else to test you, until you are confident you can recall the information from memory.

**Top Tip** Don't write on your Quizzable Knowledge Organisers! Quiz yourself by writing the missing words in your prep book. That way you can quiz yourself again and again!

# Expectations for Prep and for using your Knowledge Organisers

- 1. Complete all prep work set in your subject prep book.
- 2. Bring your prep book to every lesson and ensure that you have completed all work by the deadline.
- 3. Take pride in your prep book keep it neat and tidy.
- 4. Present work in your prep book to the same standard you are expected to do in class.
- 5. Ensure that your use of SPAG is accurate.
- 6. Write in blue or black pen and sketch in pencil.
- 7. Ensure every piece of work has a title and date.
- 8. Use a ruler for straight lines.
- 9. If you are unsure about the prep, speak to your teacher.
- 10. Review your prep work in green pen using the mark scheme.

# How do I complete Knowledge Organiser Prep?



Make sure you bring in your completed Prep notes to demonstrate that you have completed your prep.

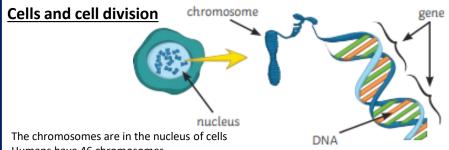
# ENGLISH –Poetry cluster 3: The Problem with Power

		Po	bem	Context	Events in the poem	Message	Form/ structure		
Key Vocabulary Patriotism	Being devoted to your country	Bostino Corlord	seatrice va	During WW2, the term 'kamikaze' was used for Japanese fighter pilots who were sent on suicide missions. They were expected to crash their planes into enemy warships. The word 'kamikaze' literally translates as 'divine wind'. Flying a kamikaze mission was portrayed as a great honour by the Japanese government. It was claimed that there were many volunteers, although some have argued that not every kamikaze soldier would have been willing. By the end of the war, nearly 4,000 kamikaze pilots had died.	The narrator of this poem is a kamikaze pilot's daughter. Unlike many of his comrades, this pilot turns back from his target and returns home. The poem explores the moment that the pilot's decision is made and sketches out the consequences for him over the rest of his life. Not only is he shunned by his neighbours, but his wife refuses to speak to him or look him in the eye. His children gradually learn that he is not to be spoken to and begin to isolate and reject him.	The poem explores the conflict between personal and national duty and suggests that individual desire and extreme patriotism cannot be achieved together. Through the pilot, Garland may be expressing how it is not honour that gives life meaning, but rather being with loved ones. The poem explores the impossible situation that the pilots were put in by those in power- dying in glory or being shamed and rejected by your family. It also deals with the lasting effects that war can inflict on people, families, and comunities. This poem not only deals with the kamikaze pilot's own story, but the implications for those around him.	Kamikaze is a narrative poem. It begins as a report, summarising another conversation or story told by someone else. Sections of the poem are presented in italics as first-person narrative, where the storyteller speaks directly for herself. This has the effect of heightening the sense of sadness she feels.		
Colonialism	When a powerful country takes control of a less powerful country	ry- John Agard		Since the early 17 <sup>th</sup> century, the country of Guyana has been colonised and controlled by the Dutch, French and British. The indigenous population spoke Arawak, but the British introduced English as the language of the government, courts and education system. For centuries, nations would repress the culture and identity of the countries that they colonised. They did this to control the population and not rid for any rabelling against the	about British history—which had little to do with their actual lives. Not only does the poem call attention to the oppressive nature of colonial education, but it also praises important figures who were left out—figures such as Touissaint	Knowledge should not be denied to anyone. No one has the right to oppress others by denying them facts about their past. This can lead to feelings of inferiority and there should be more equality in the world. History is important and there is power in knowing your heritage and culture. People should never exclude this from you – especially if it is replaced with less relevant examples. There is a sense of caution in this poem in relation to believing what you are told. We are reminded that we should always seek the truth for ourselves and question what others choose to teach us. The education system has power to mould our	The open form highlights Agard's rebellion against the status quo and the restrictions of a colonial curriculum. His use of italics separates and celebrates the important historical figures from the history he was a taught. The sing-song rhyme scheme holds a bitterness and anger that he was taught trivial things whilst his own history was omitted.		
Dominate	To have power and influence over others	top Out Me Hist	<ul> <li>indigenous population spoke Arawak, but the British introduced English as the language of the government, courts and education system.</li> <li>For centuries, nations would repress the culture and identity of the countries that they colonised. They did this to control the population and get rid of any rebellion against the colonisers.</li> <li>Born in Guyana in 1949, Agard moved to Britain in 1977 and sosses the culture as both an insider from living there and an outsider from moving to Britain</li> </ul>		The poem suggests the curriculum deliberately blinded colonized people to their own histories, and argues that in order to understand their own identity they must learn their own history.	thinking and we should be aware of this. There is a warning that, when people are denied knowledge, they can become bitter and angry, and this could lead to rebellion, protests and uprisings.			
Defiance	Showing that you don't want to obey someone	nt		age       Carol Rumens was born in South London in 1944         Published her own poems and translations of Russian poems         She has a 'fascination with elsewhere'         The Émigrée is not autobiographical poem, but is inspired by         living in London (a diverse society)         The poem sympathises with people who have been exiled         Emigrants are people who have left the country of their birth to settle elsewhere in the world.	A displaced person pictures the country and the city where they were born. The city and country are never named in order to increase the relevancy to as many people who have left their homelands as possible. The speaker's home country appears to be war-torn, or under the control of a dictatorial government that has banned the language the speaker once knew. Despite this, the émigrée's childhood memories are filled with light and happiness. Though there is a clear sense of fondness for the place, there is also a more threatening tone in the	Rumens presents the importance of empathy and sympathy. She reminds us of how traumatic conflict can be and that people are forced to make heart-breaking decisions when they live under cruel leadership. The poem highlights the importance of belonging and is a celebration of diversity – we should make people feel welcome when they move to a new home. Memories are shown to be powerful and to have a strong hold over us with the ability to bring both pain and comfort. The past can be difficult to escape and can restrict us from moving forward in life. There is also a sense of the power of the media – their portrayal of immigrants can lead to a lack of sympathy in society; it is important we do not become insensitive	The use of enjambment reflects the chaos and confusion of her situation. The poem consists of two stanzas with eight lines and a third stanza with nine lines. The added line in the final stanza could suggest she doesn't want to let her memories go,		
Isolated	To be far away from other people or places.								
Dictatorial	Telling people what to do in a forceful and cruel way			For many centuries, there has been conflict in Northern	poem, suggesting that not all of her memories are happy and that the country she has emigrated to is not always welcoming.	to the pain that can lead to people moving to a new home.	stop writing about her homeland or give up her past. Heaney's use of iambic		
Nostalgia	A warm feeling for the past, particularly a very happy time	Storm on the Island. Seamus Hean	shillbac	Ireland. The majority of Northern Ireland's population were unionists, who wanted to remain within the United Kingdom. Most of these were Protestant Christians. Seamus Heaney was a Catholic born in Northern Ireland in 1939. Catholics were seen as the underclass and were discriminated against by the government and police. This resulted in strong political and guerrilla warfare movements in an attempt to overthrow British rule and re-unite Ireland.	metaphorical. Literal: The narrator describes how well prepared they are for the storm. The storm attacks the island. As the poem progresses, the narrator's confidence decreases, and they begin to worry. Metaphorical: Heaney uses the storm as a metaphor for the conflict in Northern Ireland. The 'Islanders' suffer under enemy occupation with quiet resignations.	attempt to control. Heaney presents the idea that life under constant enemy occupation can leave people accepting this presence with sadness, but stop trying to do anything about it. He warns that the enemy can appear reasonable, but can quickly turn in to a dangerous threat – this threat may not always be physical; the gradual erosion of human rights and liberties is just as perilous.	pentameter may appear strange given its use in traditional British poems. However he subverts the traditional structure by swapping the stressed and unstressed syllables on certain lines, resisting the regularity of British control.		
Fragility	being easily broken or damaged.	ken or		Imtiaz Dharker was born in Pakistan but grew up in Scotland. Her poetry often deals with themes of identity, the role of	Tissue explores the varied uses of paper and how they relate to life.	Human power is ephemeral. No matter how much we try to build structures to display our power, nature will always outlast it.	The poem has an irregular structure and no rhyme		
		Tissua- Imtiaz Dharkar		women in society and the search for meaning. Tissue is from her poetry collection called 'The terrorist at my table'. Most of the poems in that collection relate to religion, terrorism and global politics.	It is written from the point of view of someone looking out at the conflict and troubles of the modern world; destruction, war and politics, money and wealth as well as issues like terrorism and identity. The poem remarks how nothing is meant to last.	Our relationship with paper is unhealthy. We rely on it too much to make records, document ownership and build debt. Instead, we should realise that the significance of human life will outlast the records we make of it on paper or in buildings. Human life is fragile, and not everything can last. We must understand our fragility and should not try to build our lives through making recordings or building with blocks and bricks, we should focus on living	scheme reflecting the irregularity of life and the lack of and predictability. The fragile structure is symbolic of the fragile nature of our lives.		

# **ENGLISH – Poetry cluster 3: The Problem with Power- Sets 2-5**

Key Vocabulary	Poem	Context	Events in the poem	Message	Form/ structure
····, · · · · · · · · · · · · · · · · ·	Kamikaze- Beatrice Garland				
Patriotism	Checking				
Colonialis m	Out Me History- John Agard				
Dominate	The Émigrée- Carol Rumens				
Defiance	Kumens				
Isolated	Storm on				
Dictatorial	the Island- Seamus Heaney				
Nostalgia	Tissue- Imtiaz Dharker				
Fragility					

#### Science **T5 Y10 B4.13 Mainstream Reproduction**



Humans have 46 chromosomes.

Chromosomes contain genes, which code for proteins.

In body cells, chromosomes are in pairs – one from each parent.

In sex cells (gametes) they are not in pairs and there is half the number of chromosomes (e.g. 23 in humans)

### **Cell division – two types:**



Mitosis (in all body cells)	Meiosis (in testes and ovaries)
2 daughter cells	4 daughter cells
Daughter cells = genetically identical	Daughter cells = not genetically identical
Cell divides once	Two divisions
Daughter cells <b>have same number</b> of chromosomes as original cell	Daughter cells <b>have half</b> the chromosomes as original cell
Used for growth and repair.	Produces gametes for sexual reproduction

- 1. What are the two types of reproduction?
- 2. How many parents are needed for asexual reproduction?
- 3. What are the offspring of asexual reproduction known as?
- 4. What is the term for when a sperm and an egg join?
- 5. How many genes do we have for any single characteristic?
- What term is used to describe a person that has two alleles that are the same for a particular 6. characteristic?

#### Reproduction

Two types of reproduction – sexual and asexual.

	Sexual	Asexual
Number of parents	2	1
gametes used?	Yes	no
Variation in the offspring	lots	None (unless mutations occur) Offspring are clones

### **Sexual reproduction**



Gene from

each parent

The sperm and egg have half of the genes for the offspring. (in humans 23 chromosomes)

At fertilisation, the sperm and egg nuclei join. (23 + 23 = 46 chromosomes)

There are two genes for any one characteristic – one on the chromosome from mum and one from Dad

Different forms of the same gene are called alleles If the alleles are the same, the person is homozygous If the alleles are different the person is heterozygous

#### E.g.: B = brown hair (dominant) b = red hair

BB = homozygous, brown hair Bb = heterozygous, brown hair bb = homozygous, red hair

Put these in order from smallest to biggest: 1.

Allele, Cell, Chromosome, Gene, Nucleus

- 2. What are the two types of cell division?
- 3. When does mitosis take place?
- 4. Where does meiosis take place?
- 5. How does the number of chromosomes in a gamete differ from those of a body cell?
- 6. What do genes do?

Science

# T5 Y10 B4.13 Mainstream Reproduction

#### How to complete a punnet square

#### If A = blue eyes, a = green eyes

Calculate the probability of two heterozygous people having a green eyed child



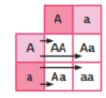






- Step 2 Put the other parents alleles into the boxes down the side
- Step 3 write the alleles from parent one in all boxes side underneath

Δ



Step 4 Put the alleles from the second parent into the boxes to the right

male genotype

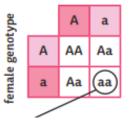


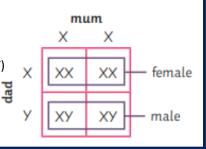
A green eyed child would have aa genotype.

One of these four has the type aa – that's  $\mbox{\sc 1}$  , 25% or 0.25.

### **Sex Determination**

Females carry two X chromosomes (XX) Males carry one X and one Y chromosome (XY) 50% chance of male and female.





# **Inherited disorders**

### **Cystic fibrosis**

Disorder of cell membranes Caused by a recessive allele Causes thick mucus to form in membranes Main organs affected are lungs, digestive & reproductive organs – pancreas and intestines.

Alveoli get blocked with mucus Increases diffusion path so less  $O_2$  gets into the blood

Polydactyly



		Father			
		С	С		
	С	CC	Сс		
r	С	Сс	сс		

Disorder of the hands and feet Mother Caused by a dominant allele Causes extra digits, fingers and toes.

#### Embryo screening

Parents that have inherited disorders may opt for embryo screening

- 1. Multiple embryos are made in IVF
- 2. One cell is removed from each embryo
- 3. The cells are screened for faulty genes

4. Only embryos without the genes for disorders are transferred to the womb of the mother.

- + Babies born free of that inherited disorder
- no guarantee child will be free of other health issues
- Many embryos are destroyed, which are potential human lives



Science T5 Y10 B4.1	3 Mainstream Reproduction
1. What two sex chromosomes do females carry?	1. What is cystic fibrosis a disorder of?
2. What two chromosomes do males carry?	2. Is the allele for cystic fibrosis dominant or recessive?
3. What is the probability of having a boy?	3. Why do cystic fibrosis sufferers struggle to get oxygen into the body?
4. Complete the punnet square:	4. What is polydactyly?
D     d       d	5. Is the allele for polydactyly dominant or recessive?
<ul> <li>d</li> <li>5. What is the chance of having an offspring with the allele pair dd?</li> </ul>	6. Give one advantage of embryo screening
·	7. Give one disadvantage of embryo screening

## **Science**

# T5 Y10 B4.14 Mainstream – Variation and Evolution

#### **Variation**

May be due to differences in:

- Genes that have been inherited(genetic causes)
- Conditions which they have lived in (environmental causes)
- Combination of genes and the environment.

**Mutation** = a change in the DNA during copying (randomly). Often has no effect on the gene, but sometimes leads to new proteins being made and a new characteristic being seen

#### **Evolution**

Evolution = a change in inherited characteristics of a population over time through natural selection – could lead to a new species. A **species** is a group of organisms that can successfully breed. Theory of evolution states that all species have evolved from a simple life forms more than 3 billion years ago.

### Natural Selection

Described by Darwin 1. Variation within a species – different genes. (due to mutation)

2. One gene may give characteristics that are better **adapted** for survival in the environment.

3. Those with **advantageous genes** will survive and reproduce – passing genes to **offspring**.

4. Over long periods of time, all members of that species have the characteristic, may even lead to a new **species**.

- 1. What are the two causes of variation?
- 2. What is a mutation?
- 3. Which scientist proposed the theory of evolution by natural selection?
- 4. What is the theory of evolution?
- 5. What is a species?
- 6. Why do mutations sometimes lead to new characteristics being seen?



- Bacteria **evolve** rapidly as they reproduce at a fast rate. (reproduce approx. every 20 mins)

- Mutations of bacteria can produce new strains.
- Some strains are **resistant** to antibiotics (so are not killed).
- They survive and reproduce population of resistant strain rises.

- Resistant strain will spread because people are not **immune** and there is no effective treatment.

- MRSA is resistant to antibiotics.





There is variation in the bacterial population. One bacterium develops a mutation by chance that means it is resistant to an antibiotic.

The antibiotic kills some of the bacteria, the resistant bacterium survives and reproduces. The antibiotic kills the rest of the nonresistant bacteria so the person may start to feel a little better. The resistant bacterium has survived the antibiotic and continues to multiply.

How to reduce antibiotic resistant strains:

- Doctors should not prescribe antibiotics for viral infections
- Patients must complete courses of antibiotics

- Agricultural use of antibiotics should be restricted.

- 1. Why do bacteria evolve rapidly?
- 2. What can cause new strains of bacteria?
- 3. Name a bacteria which is resistant to antibiotics.
- 4. What are the three ways to reduce antibiotic resistance strains?



# Science T5 Y10 B4.14 Mainstream – Variation and Evolution

# **Genetic Engineering**

- Process which involves modifying the **genome** of an organism by introduction a gene from another organism to give a **desired characteristic**.

### Uses of genetic engineering:

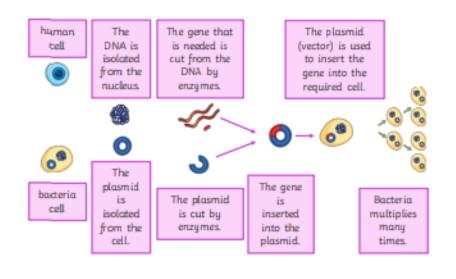
- Plant crops to be **resistant** to diseases or produce bigger, better fruits.

- Bacteria cells to produce useful substances, such as human insulin to treat diabetes.

### Genetically modified (GM) crops

Advantages	Disadvantages
Resistant to insect attack	Not sure on long term effects when eating GM crops
Produce increased yields	Could affect populations of wild flowers and insects

# Process of Genetic Engineering (HT only)



# Selective Breeding - Process which humans breed plants and animals for particular genetic characteristics.

### Steps of selective breeding:

 Choose a male and female with desired characteristics.
 Breed together
 Pick the offspring which have the desired characteristic and

- breed together. 4. Continue over many generations, selecting the best offspring each time, until all offspring show desired characteristics.
- 2nd Generation Order Constraints

1st Generation

- 1. What is selective breeding?
- 2. Describe the four stages of selective breeding.
- 3. Why might a characteristic be chosen?
- 4. Give 3 examples of characteristics humans may choose.
- 1. What is genetic engineering?
- 2. State two uses of genetic engineering.
- 3. What does 'GM' stand for?
- 4. State two advantages of GM crops.
- 5. State two disadvantages of GM crops.
- 6. Describe the stages of genetic engineering (HT only).

# GCSE Geography. Paper 2.

1. What is development?			
Term	1	Definition	
		The progress of a country in terms	
Developm	nent	of economic growth, the use of	
		technology and human welfare.	
Uneve		Development takes place at	
developm	nent	different rates in different places.	
Developm	nent	The difference in standards of living	
gap		and wellbeing between the world's richest and poorest countries.	
Quality of	flife	General wellbeing (includes health,	
Quality of	i iiic	happiness, social belonging)	
Standarc	l of	Level of wealth and material goods	
living		available to people. \$	
Econom	nic	Progress in an economy. New	
developm		technology can lead to a move from	
ueveloph	ient	agriculture to industry.	
,	Ways	s to classify the world	
	Low	income countries. GNI per capita of	
LIC	under \$1,045. (Poor) e.g. Haiti.		
	New	y Emerging Economies. Countries	
	that have begun to experience high		
NEE	rates of economic development, with		
	rapid industrialisation. e.g. Nigeria		
ніс	High Income Countries. GNI per capita of		
пс	over \$12,746. (Rich) e.g. UK.		
Brandt	An o	utdated line from the 1980's that split	
line	the v	vorld into rich north and poor south.	

#### 5. Consequences of uneven development

Disparities	Most developed countries> most wealth
in wealth	Africa owns just 1% of global wealth.
Disparities	Health care in LICs poor = $ullet$ life expect
in health	UK LE is 81 years. Nigeria LE is 52 years
International	Poor try to migrate to HICs.
migration	Mexico into USA. Syrians into Europe.
	Economic migration also occurs.

2. Measuring development				
Term	Cat.	Definition		
Arrows show	how th	ne indicator changes with development.		
GNI per capita	ō 7	<ul> <li>Gross National Income per person.</li> <li>Total income divided by the size of the population.</li> <li>Doesn't show inequality within a country. It's just an average.</li> </ul>		
Birth rate	† 4	The number of babies born in a year per 1000 of the population. +Reliable- infers female equality.		
Death rate	‡ 1	The number of people that die in a year per 1000 of the population. - Less reliable. HICs now have an ageing population- > DR		
Infant mortality rate	† 1	The average number of deaths of infants under the age of 1, per 1000 live births per year.		
Life expectancy	† 7	The average number of years a person might be expected to live. - Less reliable for a LIC due to IMR making it look lower		
People per doctor	† 1	The number of people who depend on a single doctor for their health care needs		
Literacy rate	† 7	The percentage of people who have basic reading / writing skills.		
Access to safe water	† 7	The percentage of people who have access to water that does not carry a health risk such as cholera		
HDI	ă † 7	Human Development Index. A combined measure that includes GNI per capita, life expectancy and adult literacy rate. Out of 1. + Best indicator as it includes <b>å</b> and <b>†</b> data. Removes anomalies		
GenericData can be out of date or unreliallimitationsInequalities exist within countries.				

# 3. Demographic Transition Model

	<u> </u>			
Stage 1 ↑	Stage 2	Stage 3	Stage 4	Stage 5
00000	Young			
	population	X		rate h rate population
				second and the
			Ageing po	opulation
-	LIC	NEE	HIC	HIC
High BR	High BR	Falling BR	Low BR	Low BR
High DR	Falling DR	Low DR	Low DR	Low DR
Lack of clean water and reliable food =	Farming = ↑ BR Medical care improves = ▲ DR	Rural / urban migration. Factories not farming = ▲ BR	Women have careers, marry later, contraception =	

# 4. Causes of uneven development

Cat	Factor	Explanation
cal	Natural disasters	Government <u>has to</u> spend money rebuilding rather than education. eg Haiti has had EQs and TS
Physica	Land- locked	No coastline. This hindered trade keeping the GNI low. E.g. Nepal.
	Extreme climates	If it's too hot or cold agriculture is difficult. E.g. Thar Desert
mic	Debt	A country's money will go to repaying debt rather than education.
Economic	Selling primary products	These are low value <u>goods</u> so the government has restricted income to invest in health care.
Colon- ialism		European countries controlled much of Africa and Asia. After regaining <u>power</u> they were poor and civil wars often occurred. eg Nigeria- UK colony
	War	Money spent on arms. E.g. Sudan

# GCSE Geography. Paper 2.

# 2. Economic world

1. What is development?		
Term		Definition
Developm	nent	
Uneve developm		
Developm gap	nent	
Quality of	f life	
Standarc living		
Econom developm		
	Ways	s to classify the world
LIC		
NEE		
HIC		
Brandt line	•	

5. Conseq	UENCES of uneven development
Disparities in	
wealth	
Disparities in	
health	
International	
migration	

2. Measuring development		
Term	Cat.	Definition
Arrows show	how th	ne indicator changes with development.
GNI per capita	ö 7	
Birth rate	† 4	
Death rate	† 4	
Infant mortality rate	† 1	
Life expectancy	† 7	
People per doctor	† V	
Literacy rate	† 7	
Access to safe water	† 7	
HDI	8 † 7	
Generic limitations	-	

# 3. Demographic Transition Model

	0			
Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
00000	n	_		
	Young			
	population	X	Birth	rate h rate
				population
				Sectore Contraction.
			Ageing po	opulation
-	LIC	NEE	HIC	HIC
High BR High BR		Falling BR	Low BR	Low BR
High DR	Falling DR	Low DR	Low DR	Low DR
Lack of clean water and reliable food = ↑DR High IMR = ↑BR	Farming = ↑ BR Medical care improves = ⊻ DR	Rural / urban migration. Factories not farming = <b>M</b> BR		

4. 0	4. Causes of uneven development		
Cat	Factor	Explanation	
-	Natural disasters		
Physica	Land- locked	•	
	Extreme climates		
nic	Debt		
Economic	Selling primary products		
Historical	Colon- ialism		
	War		

# GCSE Geography. Paper 2.

6. Strateg	6. Strategies to reduce uneven development FAT MIDII		
Strategy	Explanation	Evaluation	
	When producers in LICs are guaranteed a fair price for the goods	+ Improves quality of life	
Fairtrade	they produce ie cocoa, coffee. The better price improves income,	- Poorest can't afford	
	aids community projects and protects the environment.	certification	
	When a country or non-governmental organisation donates	+ Improves quality of life	
Aid	resources or money to another country to improve people's lives.	- Aid may be tied	
	Short term emergency aid or long-term aid. Nigeria- NETS4Life.	- Corruption of aid	
Tourism	Visitors spend money in a country and infrastructure is improved.	- Can be unreliable	
Microfinance	Very small loans which are given to people in the LICs to help	+ Makes women more equal	
loans	them start a small business. Often to women.	- Can lead to debt	
Investment	Countries or TNCs can invest in a country. Might include the	+ Triggers multiplier effect	
mvestment	development of infrastructure, building dams or industry. Shell.	- Economic leakage can occur	
	36/39 of the poorest countries have had their debt cancelled if	+ Improves quality of life	
Debt relief	they could guarantee no corruption and they agreed to spend the	- They may go into debt again	
	money on education/ reducing poverty. Nigeria's cancelled 2005.	- Corrupt governments	
Intermediate	Sustainable technology that is appropriate to the needs, skills,	+ Affordable	
technology	knowledge and wealth of local people. Small scale projects.	- Small scale	
Industrial	Developing the secondary sector. This brings jobs, higher income	+ Triggers multiplier effect	
development	and infrastructure improvements.	- Environmental damage	

# 7. Tourism to reduce uneven

evelopi	nent
	LIC. GNI per capital of US\$1,090.
Nepal	Suffered civil war and earthquakes.
	Trek (Mount Everest), jungles, culture.
	+ \$445 million in 2015.
dvantages	+ 8% GNI.
	+ 500,000 jobs. 7% employment.
	- Locals are poorly paid.
Dis-	- Economic leakage.
dvantages	- EQ in 2015 reduced tourism by 1/3.
avantages	Some out of work for 7 months.
	<ul> <li>Environmental damage (ie O<sub>2</sub> tanks).</li> </ul>
	Has been successful but it is unreliable.
Summary	Need to find a more sustainable
	method for the long run.

6. Strategies to reduce uneven development FAT MIDI				
Strategy	Explanation	Evaluation		
Fairtrade		-		
Aid		-		
Tourism		-		
Microfinance Ioans		-		
Investment		-		
Debt relief		-		
Intermediate technology		-		
Industrial development		-		

7. Touris	7. Tourism to reduce uneven		
developr	nent		
Nepal			
Advantages			
Dis- advantages			
Summary			



Abiotic

Food chain

# Geography Knowledge Organiser: Year 10 OCR - Ecosystems of the Planet



#### Background: An ecosystem is a community of things that 1. are linked together to make up a type of environment. (A, B, E)

- 2. An ecosystem contains biotic (living) and abiotic (non-living) parts. (B)
- The climate of an ecosystem is very important 3. as it influences what you will find there. (C, D)
- The main world biomes can be found in 4. specific parts of the world, they have very different climatic conditions & features. (C, D)
- 5. Ecosystems have cycles that are interdependent on one another (E)
- The location of the major tropical rainforests 6. are found between 0-25°N/S of the equator (F)
- The location of the major warm water coral 7. reefs are found between 0-30°N/S of the equator (G)

Α.	Classif	Classification of ecosystem (4)		
Ecosystem		A community of things linked together in an environment.		
Biome An ecosystem on a large scale that covers parts of continents and whole countries.				
		A place where plants and animals live. Example: a pond, or hedgerow.		
Biodiversity		The amount of variety of life there is in a place.		
В.	Featu	Features of an ecosystem (3)		
Biotic		The living parts of an ecosystem. Examples: plants, animals, humans.		

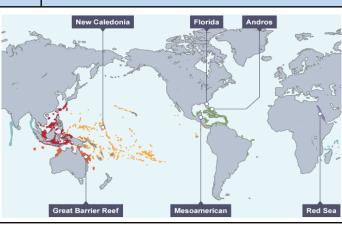
	C.		Major global biomes <i>(5)</i>				
stem is a community of things that d together to make up a type of	Tundra	(2)	<ol> <li>Found between 60- and 70-degrees N and S of the equator</li> <li>A cold ecosystem, little rainfall.</li> </ol>				
ent. <b>(A, B, E)</b> stem contains biotic (living) and on-living) parts. <b>(B)</b>	Hot des (2)	ert	<ol> <li>Found along the Tropic of Cancer and the Tropic of Capricorn.</li> <li>Hot environments with little rain.</li> </ol>				
ate of an ecosystem is very important ences what you will find there. ( <i>C, D</i> ) world biomes can be found in parts of the world, they have very	Tropica rainfore <i>(2)</i>		<ol> <li>Found in places along the Equator.</li> <li>Hot and humid environments with huge amounts of rainfall.</li> </ol>				
climatic conditions & features. <b>(C, D)</b> ms have cycles that are endent on one another (E) ion of the major tropical rainforests	Temper forest (2		<ol> <li>The main biome of the UK and other places along the same lines of latitude.</li> <li>Warm summers, mild winters. No extremes of temperature, rainfall.</li> </ol>				
I between 0-25°N/S of the equator (F) ion of the major warm water coral found between 0-30°N/S of the G)	(2)		<ol> <li>Located in the tropics between 30 degrees north and 30 degrees south.</li> <li>Ocean temperature must be over 20 degrees.</li> </ol>				
	D.	Clim	ate and plants (5)				
A community of things linked together in an environment. An ecosystem on a large scale that covers parts of continents and	Tropica rainfore		<ol> <li>1. Warm and humid all year round.</li> <li>2. Dense vegetation</li> <li>3. Plants such as Lianas and drip tip leaves are adapted to deal with conditions.</li> <li>4. Animals such as Tapir and Leopards.</li> </ol>				
whole countries. A place where plants and animals live. Example: a pond, or hedgerow.	Coral R	eef	<ol> <li>Warm and shallow oceans so that corals can photosynthesise</li> <li>Most biodiverse ecosystems on the planet.</li> </ol>				
The amount of variety of life there is in a place.			3. Animals such as reef sharks and turtles.				
res of an ecosystem <i>(3)</i>	Tundra		<ol> <li>Extremely cold and relatively dry conditions.</li> <li>Low levels of biodiversity. E.g.,</li> </ol>				
The living parts of an ecosystem. Examples: plants, animals, humans.	Hot des	ert	Low shrubs.       1. Hot and dry all year round.				
The non-living parts of an ecosystem. Examples: soil, climate, river.			<ol> <li>Vegetation includes cacti and succulents.</li> <li>Animals include desert fox and reptiles.</li> </ol>				
A diagram that shows what is eating what in an ecosystem.	Temper forest	ature	<ol> <li>Dense deciduous trees.</li> <li>Seasonal vegetation</li> <li>Animals include deer.</li> </ol>				

E.	Interdepend	ence in ecosystems (3)
Nutrient Cycle		The cycling of nutrients throughout a system to keep everything alive.
Water Cycle		The cycling of water throughout a system to keep everything alive.
Interde	ependence	When different parts of an ecosystem rely on each other to maintain balance

### Location of major tropical rainforests



#### Location of major coral reefs





# Geography Knowledge Organiser: Year 10 OCR – Ecosystems of the Planet



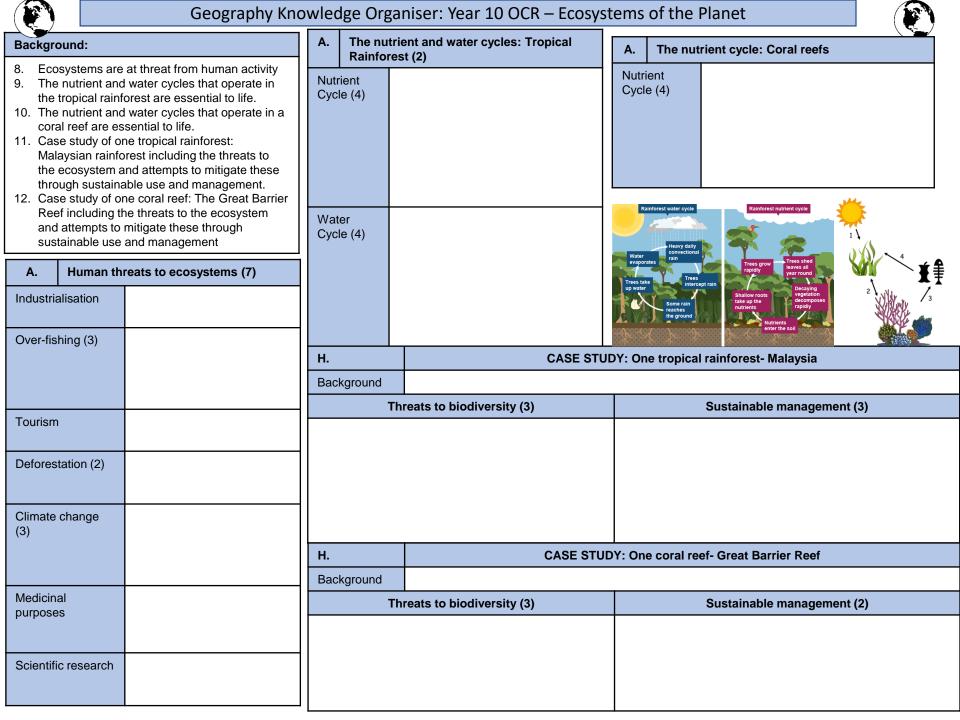
	C. Major global biomes (5)		1						
Background:				Interdepend	ence in ecosystems (3)				
1. An ecosystem is a community of things that	Tundra (2)		Nutrie	ent Cycle					
are linked together to make up a type of environment. <i>(A, B, E)</i>	Hot desert								
2. An ecosystem contains biotic (living) and	(2)		Wate	er Cycle					
abiotic (non-living) parts. <i>(B)</i> 3. The climate of an ecosystem is very important									
as it influences what you will find there. (C, D)	Tropical rainforest		Interr	dependence					
<ol> <li>The main world biomes can be found in specific parts of the world, they have very</li> </ol>	(2)								
different climatic conditions & features. (C, D)	Temperate								
interdependent on one another (E)	forest (2)		F.	Location of	major tropical rainforests				
<ol> <li>The location of the major tropical rainforests are found between 0-25°N/S of the equator (F)</li> </ol>					Arctic				
7. The location of the major warm water coral	Coral Reefs		1	Gree	nlasd Ocean				
reefs are found between 0-30°N/S of the equator (G)	(2)		8	men.	UK SFerrore 575				
				North 750	Canto alt				
	D. Climate and plants (5)		Atlantic Ocean Africa Asia						
A. Classification of ecosystem (4)	Tropical			Indian					
Ecosystem	rainforest (4)		Pacific Ocean Madagascar						
				America	Australia				
Biome				X	Zealand				
	Coral Reef (3			Tro	pical Rainforests of the world				
Habitat			G.	Location of	major coral reefs				
Biodiversity	Tundra (2)		·						
			- Star	- and					
B. Features of an ecosystem (3)			~	1 5	A CARLER AND A CARL				
Biotic	Hot desert (3)			3 July	1.				
	HUL UESEIL (3)		100	Sal march					
Abiotic				and the second					
	Temperature			Contraction of the second					
Food chain	forest (3)			A M					
			- 1						

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# Geography Knowledge Organiser: Year 10 OCR – Ecosystems of the Planet



Background:		A. The nutri Rainfore	ent and water cycles: Tropical	A. The nutrient cycle: Coral reefs			
<ol> <li>9. The nutrient and the tropical rainf</li> <li>10. The nutrient and coral reef are es</li> <li>11. Case study of o Malaysian rainfo the ecosystem a through sustaina</li> <li>12. Case study of o</li> </ol>	<ol> <li>The nutrient and water cycles that operate in the tropical rainforest are essential to life.</li> <li>The nutrient and water cycles that operate in a coral reef are essential to life.</li> <li>Case study of one tropical rainforest: Malaysian rainforest including the threats to the ecosystem and attempts to mitigate these through sustainable use and management.</li> <li>Case study of one coral reef: The Great Barrier</li> </ol>		<ol> <li>Plant matter receives nutrients from the soil and through photosynthesis.</li> <li>Plant matter falls to the forest floor.</li> <li>Warm temperatures lead to rapid decomposition (rotting).</li> <li>Nutrients are returned to the soil.</li> </ol>	Nutrient Cycle (4)       1. Sunlight is used by Algae in photosynthesis to produce energy.         2. Algae live in coral and provide coral with nutrients they need to grow.         3. Coral gives off waste nitrogen during respiration.         4. Algae eats the waste material from the coral.			
and attempts to	he threats to the ecosystem mitigate these through and management	Water Cycle (4)	<ol> <li>Convectional rainfall is intercepted by the canopy.</li> <li>Most rainfall is evaporated off</li> </ol>	Heavy dally convectional			
A. Human th	reats to ecosystems (7)		the canopy leading to more rain.	Water rain Water rain Trees shed faves all year round Trees take Trees take			
Industrialisation	The growth of factories and mining in an area.		<ol> <li>Some rainfall reaches the ground.</li> <li>Plants take in water through</li> </ol>	shallow roots Pecaying Pecayin			
Over-fishing (3)	1.Using large scale trawlers to catch hundreds of fish at	Н.	roots.	DY: One tropical rainforest- Malaysia			
	one time. Means many fish cannot breed.	Background		forest. It is an Emerging Developing Economy.			
	2.Usually happens for profit. 3.Is not well monitored.	T	nreats to biodiversity (3)	Sustainable management (3)			
Tourism	Travel for leisure.		e farming: Farming on a small scale. and burn practices which can get out	<ol> <li>Selective management system. Does not clear large areas of forest. Gives small trees room to grow. BUT 30% of trees are still removed and it is not well</li> </ol>			
Deforestation (2)	<ol> <li>Cutting down large amounts of trees for profit.</li> <li>Is not well monitored.</li> </ol>	a monocult 3. Bakum dar	alaysia is world's largest producer. Is ure so less biodiversity n – built in 2011. Powers factories in 700km of forest destroyed.	<ul> <li>monitored.</li> <li>2. Ecotourism. Provides a source of income for locals BUT hotels and transport can cause damage.</li> <li>3. Forest Stewardship Council. Reduces deforestation</li> </ul>			
Climate change (3)	1.Increase in greenhouse gases in the atmosphere. 2.Lead to increase in	Н.	CASE STUE	BUT membership can be bought. DY: One coral reef- Great Barrier Reef			
	temperatures. 3.Leads to increased drought	Background	The Great Barrier Reef is the world's				
	and flooding.	Tł	nreats to biodiversity (3)	Sustainable management (2)			
Medicinal purposes	Scientists believe that some chemicals released by corals could be used to treat viruses.	year to the machinery. 2. Tourism. C	ver 3 million visitors/ year.	<ol> <li>Fishing restrictions. Large companies are given a quota (certain amount of fish they can catch). Dynamite fishing banned. BUT can be bought.</li> <li>Coral farming. Small corals are collected and grow 50 x faster than in the wild on the farms. BUT sometimes</li> </ol>			
Scientific research	Coral reefs help us understand climate change.		ourposes. Chemicals in coral reefs are reat cancers.	coral is sold.			





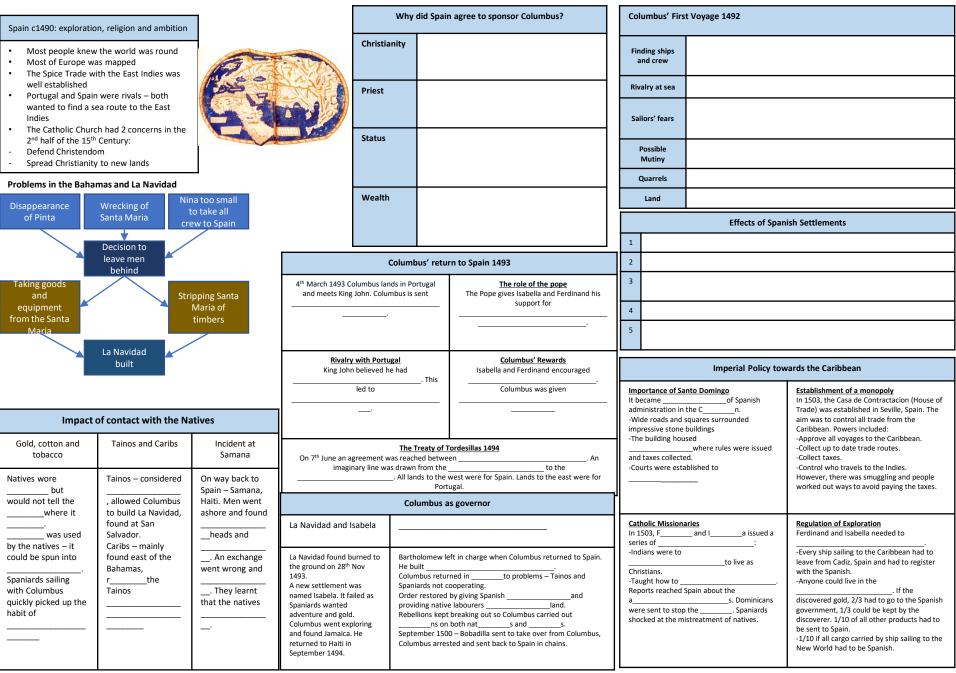


Spain c1490: exploration	n. religion and ambition	1		Why did Spain agree to sponsor Columbus?				Columbus' Firs	t Voyage 1492																														
<ul> <li>Most people knew the world was round</li> <li>Most of Europe was mapped</li> <li>The Spice Trade with the East Indies was</li> </ul>			Contraction of the second		(Contraction)			A CAN				6 TAN		Contraction of the second		(A)		O CAN				6 TON		CO CENTRA				Carlo Th		(A)		()			a was keen to continue spreading anity to the East Indies.		Finding ships and crew	Martin and Vicente Pinzon h 2 caravels – the Nina and th I carrack – the Santa Maria (	
well established • Portugal and Spain		Cores -	ACK EN	Priest	Juan P	erez, a priest and friend to Isabella,		Rivalry at sea	Columbus had to change routes to avoid Portuguese caravels.																														
wanted to find a se Indies		63				d Columbus while he made his case.		Sailors' fears	Columbus kept 2 different lo -1 was accurate and he kept -The other log recorded sho																														
<ul> <li>2<sup>nd</sup> half of the 15<sup>th</sup></li> <li>Defend Christendor</li> <li>Spread Christianity</li> </ul>	m			Status	before	g the sea route to the East Indies Portugal would give Spain ational status.		Possible         As the sailors had not           Mutiny         They allowed Columb		ed land for so long, they came close to mutiny. ore weeks.																													
Problems in the Bahar	nas and La Navidad	<b>_</b>						Quarrels	Columbus and Martin Pinzor	n disagreed on the route.																													
Disappearance	M/recking of	a too small		Wealth		essful voyage would bring riches to anish treasure and wealth to Spanish		Land	On the 10 <sup>th</sup> October, after 6	weeks at sea, the crew spotted land.																													
	Santa Maria	o take all w to Spain			merch			Effects of Spanish Settlements																															
	Decision to						Γ	1	Gold mines set up in Haiti –	most of the work done by natives.																													
*	leave men behind			Colun	nbus' retu	rn to Spain 1493	1	2 Tain	os and Carib societies destroye	d in order to provide work for the Spanish.																													
Taking goods and		oping Santa		John. Columbus i	s sent	The role of the pope The Pope gives Isabella and Ferdinand his support for the new 'Spanish Indies'. He is		3 Columbus had captured natives to sell as slaves – Isabella not pleased and sent slaves back to Haiti.																															
equipment from the Santa		Maria of timbers		congratulations letters and is cheered by crowds in his way to Barcelona. Christianity to spread to these lands.				4 Encomienda system set up. Nicolas de Ovando set this up in 1502.																															
Maria				Christianity to spread to these lands.				5 Diseases like smallpox killed many natives. 1492 around 500,000 natives. By 1507 only 60,000.																															
	La Navidad built		King John believed	Rivalry with Portugal         Columbus' Rewards           King John believed he had claim to the lands Columbus had discovered. This led to talks         Isabella and Ferdinand encouraged Columbus to carry out another voyage. Columbus was					Imperial Policy tow	vards the Caribbean																													
			what lands as Spa	th Spain to determine who had rights o what lands as Spain were getting ready		given new titles, a new coat of arms and issued a pension for life. He was also given		Importance of Sa It became the cer		Establishment of a monopoly In 1503, the Casa de Contractacion (House of																													
Impact o	of contact with the Na	tives	send Columbus back to govern. powers to govern lands in the New World.				impressive stone	squares surrounded buildings	Trade) was established in Seville, Spain. The aim was to control all trade from the Caribbean. Powers included:																														
Gold, cotton and tobacco	Tainos and Caribs	Incident at Samana	On 7 <sup>th</sup> June an agreement was reached betw			The Treaty of Tordesillas 1494 eement was reached between Spain and Portugal. An imaginary line was drawn the South pole. All lands to the west were for Spain. Lands to the east were for			sed administration offices ssued and taxes collected. Iblished to control the laws	-Approve all voyages to the Caribbean. -Collect up to date trade routes. -Collect taxes. -Control who travels to the Indies.																													
Natives wore gold but would not tell	Tainos – considered friendly and	On way back to Spain – Samana,	Portugal.					However, there was smuggling and peo worked out ways to avoid paying the ta																															
the Spaniards where it came from.	peaceful, allowed Columbus to build	Haiti. Men went ashore and found	Columbus as governor																																				
Kapock was used by the natives – it could be spin into thread	La Navidad, found at San Salvador. Caribs – mainly	dried human heads and large canoes. An	La Navidad and I	sabela Sar	nto Dominį	go		Catholic Missionaries In 1503, Ferdinand and Isabella issued a series of rules about educating the Indians:		Regulation of Exploration Ferdinand and Isabella needed to establish Spanish control over exploration and																													
and woven into ff cloth. E Spaniards sailing t with Columbus v quickly picked up the t	found east of the Bahamas, raided the Tainos taking women, rumours that they were cannibals.	exchange went wrong and erupted in violence. They learnt that the natives could be hostile.	went La Navidad found b d the ground on 28 <sup>th</sup> 1493. They A new settlement v named Isabela. It fa Spaniards wanted		He built Santo Domingo.     Columbus returned in 1498 to problems – Tainos and Spaniards     not cooperating.     Order restored by giving Spanish rebels land and providing     native labourers to work the land.     Rebellions kept breaking out so Columbus carried out     executions on both natives and Spaniards.			-Indians were to live in towns and pay taxes. -Taught about Christianity and expected to live as Christians. -Taught how to read, write and dress. Reports reached Spain about the abuses of Indians. Dominicans were sent to stop the mistreatment. Spaniards shocked at the mistreatment of natives.		discovery in the New World. -Every ship sailing to the Caribbean had to leave from Cadiz, Spain and had to register with the Spanish. -Anyone could live in the Indies freely. If the discovered gold, 2/3 had to go to the Spanish government, 1/3 could be kept by the discoverer. 1/10 of all other products had to be sent to Spain. -1/10 if all cargo carried by ship sailing to the New World had to be Spanish.																													



#### Year 10 History : 1. Spain reaches the New World, c1490-1512







# Year 10 Religious Studies: Religion and life Knowledge organiser



What we are lear	ning this term:	Α.	What are the	message	s from the creation story?	В.	What is	meant by natural resources ?						
A. Genesis story B. Relationship							esis story ationship between science and religion		red earth		'God saw that it was good'			als/ materials and fuels that are
C. Different Chri	stians attitudes to the environment	2 Don	ninion		'Rule over it'		part of the world and are used humans. For example non rer							
animals	stian attitudes to the use of	3 Stev	vardship		'Till the earth and keep it'		energy	v supplies like coal and oil.						
	stian attitude to Abortion stian attitudes to Euthanasia	4 Mar	is pinnacle		'Made in the image of God'									
6 Key Words for	this term	5 Goo	is Creator		'God said let there be light	there		tory has messages and contains						
1 Ensoulement 2 Dominion	4 Euthanasia 5 Abortion				and there was light'	truth	1 Liberal – the story has messages and contains truths that can be understood from the story							
3 Stewardship	6 natural resources	6 Goo	provides bount	y=Love	"I give you all the plants and animals to use"			ble is word for word actually a ened exactly in 6 days						
D. Can Chri want?	stians use animals anyway they	E	Should C		support Euthanasia?	<b>F</b> .	Should C	hristians support abortion ?						
Yes	1 'man made in the image of God' 2 'every animal that creepth upon the ground shall fear you'		2 'every animal that creepth upon		2 'every animal that creepth upon		s 1 'man made in the image of God'		5	1 Love	thy neighbour	Yes		1 Love thy neighbour
								2 Cloth	e yourself in compassion			2 Clothe yourself in compassion		
				3 Princ	ciple of double effect			3 God breathed life into the unborn child						
	3 'the animals shall be food for you'							4 Principle of double effect						
	4 'love thy neighbour'													
	5 Jesus was a healer							5 Protect the weak and needy						
No	1 'Does not God know every		1 'Does not God know every		1 'Does not God know every			1 Made	e in the image of god	No		1 Made in the image of god		
	sparrow?'			2 Thou	shall not kill			2 Thou shall not kill						
	2 Protect the weak and needy			3 Prote	ect the weak and needy			3 The sons shall not bear the guilt of the fathers						
	4 'you shall not muzzle the ox whilst he treadeth the corn'		4		body is the temple of the holy			4 The body is the temple of the						
	5 'the righteous has regard for the life of his animal'		5		s suffered on the cross			holy spirit 6 Go forth and multiply						
	6 'Love thy neighbour'			6 soul r	making			7 The Lord Giveth and the Lord						
				7 The L	ord giveth and taketh away			taketh away						



# Year 10 Religious Studies: Religion and life Knowledge organiser



What we are learning this term:	A What are the messages from the creation story?	B. What is meant by natural resources ?
<ul> <li>A. Genesis story</li> <li>B. Relationship between science and religion</li> <li>C. Different Christians attitudes to the environment</li> <li>D. Different Christian attitudes to the use of animals</li> <li>E. Different Christian attitude to Abortion</li> <li>F. Different Christian attitudes to Euthanasia</li> </ul>	1 Sacred earth       2 Dominion       3 Stewardship       4 Man is pinnacle	C. What 2 types of Christian interpretation are there?
6 Key Words for this term1Ensoulement4 Euthanasia2Dominion5 Abortion3Stewardship6 natural resources	5 God is Creator 6 God provides bounty=Love	
D. Can Christians use animals anyway they want?	E. Should Christians support Euthanasia?	F. Should Christians support abortion ?
Yes	Yes	Yes
No	No	No

What we are learning this term:

what we are lear	ning this term.									
	t options at 16 hoices at 18: work or university?			Key Verbs						
<ul> <li>C. Talking about different jobs</li> <li>D. Looking for and applying for jobs</li> <li>E. Using a variety of tenses</li> </ul>				Aprender To learn	<u>lr</u> To go	Querer To want		Preparar To prepare	<u>Dar</u> To give	
F. Using 'quisie	ra'			Aprendo I learn	Voy I go	Quiero I want		Preparo I prepare	Doy I give	
6 Key Words for 1. porcentaje	4. la empresa			Aprendes You learn	Vas You go	Quieres You want			Das You give	
<ol> <li>por ciento</li> <li>la ama de ca</li> </ol>	5. el/la jefe/a 6. cuidar a	1		Aprende He/she/it learns	Va s/he goes	Quiere He/she/ it war	nts	Prepara He/she/it	Da He/she/it gives	
11.1G	¿Qué voy a hacer?	11.1H ¿Vale la p	ena ir a la universidad?					prepares		
a tiempo completo a tiempo parcial	full time part time	a solas acabar de + infiniti	on one's own ve to have just	Aprendemos We learn	Vamos They go	Queremos We want		Preparamos We prepare	Damos We give	
el/la alumno/a aprender	pupil to learn	adecuado/a aislado/a al final de	adecuado/a adequate, decent aislado/a isolated		Van They go	Quieren They want		Preparan They prepare	Dan They give	
el aprendizaje aprobar	apprenticeship to pass	apetecer	to appeal							
la asignatura	subject	aprender	to learn							
avanzado/a	advanced	así que avanzado/a	SO advanced	11.1F ¿Trabajar o estudiar?						
el beneficio buscar	benefit to look for	el beneficio	advanced benefit	considerar to consider						
	taria),(university) course, career	bien pagado/a	well paid	demostrar	to show, den	nonstrate				
carrera profesion		la calidad	quality	la desventaja	disadvantage	е				
conseguir	to get, to manage, to achieve	N (1997)	taria) university course,	estar harto/a de to be fed up with						
el consejo	advice	career		estar obsesionado	o/a con to be ob	osessed			la pena ir a la	
continuar	to continue	claro	of course	with	funiaura			unive	rsidad?	
dejar	to leave	conseguir achieve	to get, to manage, to	furioso/a	furious	in to goin				
el dinero	money	el consejo	advice	ganar Ia habilidad	to earn, to w skill, ability	in, to gain	el mu	undo laboral	world of work	
encontrar	to find	deber	to owe	horroroso/a	dreadful		ofrec	er	to offer	
esperar los estudios	to wait for, to hope, expect studies	devolver	to give back, to pay	imaginar	to imagine		olvida		to forget	
el examen	exam	back		inútil	useless			•	to borrow	
la experiencia	experience	disfrutar	to enjoy	mundo	world			•	bit by bit	
	ral work experience	la edad	age	necesitar	to need			•	to worry, to be	
feo/a	ugly	escoger	to choose	pedir	to ask for		reco	erned	to pick up, to collect	
la informática	information technology, IT	esperar	to wait for, to hope, to	peor	worse, worst			5	student residence	
mejor	better, best	expect		por otra parte	on the other	hand		udiantes		
mientras	while	estar a punto de	to be about to	la promoción	promotion				result	
la nota	grade, mark, result		ral work experience	relacionarse con	to relate to, t	o get on	segu		to follow	
la opción	option	feo/a	ugly	with	to review				to carry oning	
la oportunidad	opportunity	el folleto el/la graduado/a	leaflet graduate	repasar el repaso	to revise revision				as soon as	
quedar	to stay	hacerse miembro	to become a member	seguro/a	sure			ulo (university)		
el resultado	result lasto get good / to get bad	inquietar	to worry, to concern	la sociedad	society				to take a year out	
grades	iasio yel yoou / io yel bau	lejos de	far from	todavía	still		la ve	ntaja	advantage	
notas		mejor	better, best	vale la pena	it's worth it, i	ťs				
seguir + gerund	to carry oning			worthwhile	-					
	, ,	]		1						

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What we are learning this term: Talking about options at 16 Α. **Key Verbs** Discussing choices at 18: work or university? В. C. Talking about different jobs Aprender Querer Preparar Dar Looking for and applying for jobs D. То To go To want To give Ε. Using a variety of tenses Quiero F. Using 'quisiera' I learn I prepare I give l go 6 Key Words for this term Quieres Preparas 11.1H ¿Vale la pena ir a la universidad? You learn 1. porcentaje 4. la empresa You go You give You prepare 5. el/la jefe/a 2. por ciento a solas Aprende Va Quiere 3. la ama de casa 6. cuidar a to have just He/she/it learns He/she/ it wants He/she/it He/she/it gives adecuado/a prepares 11.1G ¿Qué voy a hacer? isolated Aprendemos Preparamos al final de a tiempo completo We want They go We prepare We give to appeal a tiempo parcial \_\_\_\_\_ aprender to \_\_\_\_\_ el/la alumno/a \_\_\_\_ Aprenden Van Quieren Dan así que to learn \_\_\_\_\_ They prepare They learn They want They go They give avanzado/a el \_\_\_\_\_ apprenticeship benefit aprobar to \_\_\_\_\_ bien pagado/a la asignatura 11.1F ¿Trabajar o estudiar? la calidad advanced la \_\_\_\_ university course, career el beneficio to consider 11.1H ¿Vale la pena ir a la claro to show, demonstrate to look for universidad? to get, to manage, to la desventaja la carrera (universitaria),(university) course, career achieve to be fed up with carrera profesional el consejo estar obsesionado/a con to be obsessed to get, to manage, to achieve el mundo laboral deber with el consejo ofrecer to \_\_\_\_\_ to give back, to pay furioso/a to continue to forget back dejar to earn, to win, to gain to pedir prestado to \_\_\_\_\_ to \_\_\_\_\_ disfrutar la habilidad monev bit by bit el la edad horroroso/a encontrar to to worry, to be to choose to imagine to wait for, to hope, expect concerned to wait for, to hope, to inútil los estudios to pick up. to collect expect mundo el examen la residencia de to \_\_\_\_\_ estar a punto de to need la experiencia estudiantes la experiencia laboral \_\_\_\_\_ pedir la experiencia laboral work \_\_\_\_\_ el resultado ugly worse, worst ugly to follow leaflet el information technology, IT por otra parte la \_\_\_\_\_ seguir + gerund to \_\_\_\_\_ el/la graduado/a la promoción better, best tan pronto como to become a member to relate to, to get on el título (university) mientras to worry, to concern with la \_\_\_\_\_ grade, mark, result to take a year out lejos de repasar to \_\_\_\_\_ la opción advantage mejor \_\_\_\_\_ el repaso la opportunity sure quedar to la sociedad el result \_\_\_\_\_ todavía \_to get good / to get bad grades Sacar vale la pena notas seguir + gerund

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# GCSE Unit 11 SPANISH Knowledge organiser. Topic Education Post 16

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	blue F – orange H - Green	Key Questions: Answer the following in your own words. Use these model answers					
estudiando Quiero más dinero	I want <b>to carry on</b> studying I want <b>to earn</b> more money	¿Qué vas a hacer/estudiar/trabajar cuando termines en el colegio/ si sacas buenas notas?	Si saco buenas notas/en el futuro voy a estudiar/me gustaría estudiar en la universidad porque será muy útil para mi carrera, porque quiero trabajar en el aire libre/porque siempre me encanta trabajar con niños En el futuro, voy a trabajar como (job) porque				
estudiando	I will have to carry on studying If I get good grades I will	¿Qué son tus planes para el futuro? - ¿Cúal es la ventaja de este plan?	Las desventajas de mi trabajo preferido son que Las ventajas de mi trabajo preferido son que				
iré a la universidad	go to the university	¿Qué son las ventajas y	Las ventajas/desventajas son que es cara pagar los gastos para la universidad, el				
Voy a el instituto	I am going <b>to quit</b> school	desventajas de ir a la universidad?	precio es muy caro, tienes que prestar dinero del gobierno, tienes que trabajar y estudiar mucho, tienes que esforzarse mucho, es inquietante no vivir con los padres, y vivir con otra gente, va				
No que hacer	I don't <b>know</b> what to do		a ser fenomenal encontrar nuevos amigos				
trabajar	I have <b>decided</b> that I don't want to work	¿Qué trabajo quieres hacer? Por qué te interesa este trabajo Qué son las ventajas y	equipos / prefiero trabajar en una oficina/ prefiero trabajar en el aire libre/ quiero un				
	I believe that <b>it will be</b> better to study	desventajas de hacer este trabajo?	trabajo donde puedo utilizar misidiomas / quiero un trabajo donde puedo mejorar mi confianza con el público.				
Quiero buscar un	l want to find an apprenticeship	¿Cuáles son los aspectos positivos de encontrar un trabajo a los dieciocho años?	Las (des)ventajas de empezar a trabajar a los 18 años son que No tienes la oportunidad de ir a la universidad No tienes tantas oportunidades de ganar tanto dinero				
	plan is that		Puedes empezar a ganar dinero más joven que es importante para el futuro Puedes aprender una carrera mientras estás haciendo el trabajo – no tienes que				
Hemos otro plan	We have <b>considered</b> another plan		estudiar más				
un titulo universitario	I need a degree						
Mi madre es	My mum is <b>a dentist</b>		Key Grammar				
termine mis estudios	I will be content when I finish my studies	tense). Always remove	Remember the preterite (past) tense endings for –AR, -ER, -IR verbs. They are: -AR: -é, -aste,-ó, -amos, -astéis, -aron				
pronto como tenga mis	I will make the decision as soon as I have my results	first	-ER: -í, -íste, -ió, -imos, -istéis, - ieron -IR: -í, -iste, -ió, -imos, -istéis, - ieron				
	I hope to <b>buy myself</b> a house	('would like to' tense).	Remember the conditional ('would') tense endings for –AR, -ER, -IR verbs. They are:				
-	You can <b>enjoy</b> everything there is	ER, -IR endings first	-AR, -ER, -IR: -ía, -ías, -ía, -íamos, -íais, -ían				
dejado de estudiar	She had quit studying		Voy a casarme = I'm going to get married Va a discutir con su padre = He / She is going to argue with his/her father				

# GCSE Unit 12 SPANISH Knowledge organiser. Topic Jobs, Career choices and Ambitions

12.1F Buscar trabajo

<u>Ē:</u>

Key Verbs

					i	· <u>····</u>	<u> </u>		
			at the beginning of a clerk, office worker	<u>Tener</u> To have	<u>lr</u> To go	<u>Buscar</u> To look for		<u>Hacer –</u> to do/make	Encontrar To find
What we are learn	ing this term:	ambicioso/a anciano/a animado/a	ambitious elderly lively	Tengo I have	Voy I go	Busco I'm looking for		Hago I do	Encuentro I find
	d applying for jobs	arreglar el aspecto	to sort, fix, arrange appearance, aspect	Tienes You have	Vas You go	Buscas You're looking	for	Haces You do	Encuentras You find
C. Recognising p D. Learning usefu E. Using a variety		atender a la caja el camping	to attend to till, check-out campsite	Tiene He/she/it has	Va s/he goes	Busca He/she/it is loc	oking	Hace s/he does	Encuentra He/she/it finds
		el carnicero/a el carpintero/a	butcher carpenter	Tenemos We have	Vamos They go	Buscamos We're looking	for	Hacemos We do	Encontramos We find
6 Key Words for t		la carta los conocimientos	5	Tienen They have	Van They go	Buscan They're looking	g	Hacen They do	Encuentran They find
1. buscar 2. una entrevista	4. empezar 5. ganar	el correo electrónic					1	-	
3. anuncios	6. desafiante	cortés	polite, courteous	12.1H	I El trabajo ide	al			
	0. desanante	cuidar a el/la dependiente/a	to care for, look after		•		1		
		el detalle	detail	el/la abogado/a el/la albañil	lawyer builder, brickl	lovor			
		dominar + language							
12.1	G Los trabajos	el/la electricista	electrician	ascender	el/la amo/a de casa house husband/housewife ascender to move up el/la azafato/a flight attendant				
el ama de casa (fem	n.) housewife	el empleado/a	employee	el/la azafato/a					
	bank	la empresa	company, firm	el/la cajero/a	cashier		1		
	cashier	en seguida	straightaway	el/la camionero/a la capacidad					
	customer	la energía	energy	la capacidad el/la cartero/a	ability, capaci postal worker		1		
	cook	fiable	reliable	el/la cliente/a	customer		1		
	to be unemployed	la gente	people	la compañía aérea	airline				
	engineer	el/la hombre / muje		compartir	to share			12.1H EI tr	abajo ideal
1 7	gardener	business woman		el/la contable	accountant				
	to clean	negocios		la cuenta diseñar	account to design		toma	oral *	emporany
	half	el juego	game	fijo/a	fixed, permar	nent	tempo utiliza		emporary o use
	office	el/la maestro/a	primary school teacher	físico/a	physical		el vier		o use vind
	hairdresser's	mayor	older	la formación	training		ya qu		as, since
	hairdresser	organizado/a	organised	funcionar	to function		J ya qu		
	police officer	paciente	patient	el/la gerente el/la granjero/a	manager farmer		1		
	per cent	la panadería	bakery baker	las horas de trabajo		e working	ľ		
	percentage	el panadero/a	baker	hours		9	1		
1	I would like	práctico/a el problema	practical problem	flexibles			1		
	to solve, resolve to save	el/la recepcionista	receptionist	el/la jardinero/a	gardener		1		
	to save	servir	to serve	el/la jefe/jefa limpiar	boss to clean		1		
	vet	sincero/a	honest	la lluvia	rain		1		
	life	el sitio web	website	mejorar	to improve		1		
		el sobre	envelope	la peluquería	hairdresser's		1		
		sueldo	wage	el/la peluquero/a	hairdresser		1		
		trabajador/a	hard-working	la perspectiva el proyecto	prospect project		1		
		el traductor/a	translator	el proyecto el rincón	corner		1		
		el trimestre	term				1		
		la variedad	variety						
							1		

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# GCSE Unit 12 SPANISH Knowledge organiser. Topic Jobs, Career choices and Ambitions

- <u>18</u>9

a principios de el/la administrativo/a ambitious elderly animado/a el to sort, fix, arrange el appearance, aspect atender a la till, check-out el campsite el carnicero/a el carpintero/a letter los conocimientos el correo electrónico polite, courteous to acro far, lock ofter	Tener         To         I have         You have         You have         He/she/it has         We have         Tienen	Ir           Voy           Vas           Va           They go	To look for I'm looking fo You're looking He/she/it is loo Buscamos	for Haces	Encontrar       Encuentro       You find       Encuentra
elderly         animado/a           to sort, fix, arrange         el       appearance, aspect         atender a          la       till, check-out         el carnicero/a          el carpintero/a	You have       Tiene       He/she/it has       We have	Vas 	You're looking	for Haces	You find
el       appearance, aspect         atender a          la       till, check-out         el       campsite         el carnicero/a          el carpintero/a          los conocimientos	Tiene He/she/it has	Va	He/she/it is loc	for Hace	
el campsite el carnicero/a el carpintero/a letter los conocimientos el correo electrónico polite, courteous	He/she/it has				Encuentra
el carpintero/a letter los conocimientos el correo electrónico polite, courteous		They go	Buscamos		
el correo electrónico polite, courteous	Tienen			Hacemo	s Encontramos
		They go	 They're looki	ing They do	Encuentran
el/la dependiente/a	12.1H	El trabajo idea	ıl		
dominar + language to be fluent in         el/la electricista         employee         la         company, firm         straightaway         la energía         reliable         la gente         el/la hombre / mujer de businessman /         business woman         negocios         el juego         ganizado/a         patient         la panadería         el problema         el/la recepcionista         mum         to serve         honest         el sitio web         el sobre         majador/a         mage         trabajador/a         majador/a         el traductor/a         mage		ability, capaci ability, capaci to share accountant to design fixed, permar to function	nusewife	temporal         el viento	El trabajo ideal to use as, since
e e e e e e e e e e e e e e e e e e e		all       to care for, look after         all	ito care for, look after         el/la dependiente/a         el detalle         dominar + language to be fluent in         el/la electricista         employee         a         a         company, firm         straightaway         a energía         reliable         a gente         el/la tombre / mujer de businessman /         pusiness woman         negocios         el problema         el/la recepcionista         mayor         practical         practical         el sitio web         el sitio web         el sitio web         el raductor/a         el raductor/a <td< td=""><td>it or care for, look after         bal/la dependiente/a         company, firm         straightaway         a energía         reliable         al/la la cartero/a         el/la grandería         panadería         el problema         el/la recepcionista         bl sitio web         el sobre         el sobre         &lt;</td><td>it care for, look after         bl detalle         bl detalle     <!--</td--></td></td<>	it or care for, look after         bal/la dependiente/a         company, firm         straightaway         a energía         reliable         al/la la cartero/a         el/la grandería         panadería         el problema         el/la recepcionista         bl sitio web         el sobre         el sobre         <	it care for, look after         bl detalle         bl detalle </td

# GCSE Unit 12 SPANISH Knowledge organiser. Topic Jobs, Career choices and Ambitions

Translation Practice. G -	blue F – orange H - Green	Key Question	s: Answer the following in your own words. Use these model answers		
policia	I would like <b>to be</b> a policeman I would like to work in a shop I would like to be <b>a nurse</b>	¿Te gustaría trabajar en España? ¿Por qué (no)?	<ul> <li>Si/No – (no) me gustaría trabajar en España porque</li> <li>Seria guay trabajar en un país caloroso</li> <li>Seria guay trabajar en un país donde puedo utilizar mis idiomas y mi español</li> <li>Seria chulo porque hay la posibilidad to ganar más dinero trabajando entre dos países</li> <li>Seria bueno conocer a otra gente y hacer nuevos amigos en el extrajero</li> </ul>		
animales	I would like <b>to work</b> with animals My mum <b>is</b> a teacher	A los dieciséis años, ¿crees que es mejor seguir un curso académico o uno de formaciór profesional?	<ul> <li>Hay ventajas y desventajas de hacer un curso académico y formación profesional</li> <li>Las ventajas de hacer un curso académico son que</li> <li>Las ventajas de hacer un curso académico son que</li> <li>tienes la oportunidad de ganar más dinero en el futuro</li> <li>tienes la oportunidad de aprender más habilidades que serán útiles en el futuro</li> <li>De otro lado, las ventajas de hacer formación profesional son que</li> <li> puedes aprender mientras haces el trabajo puedes ganar más dinero a una edad</li> <li>joven puedes disfrutar de tus días y tus tardes porque no tienes que estudiar y tienes</li> <li>más dinero puedes ganar más confianza con el público mientras trabajas con otra</li> </ul>		
Mi hermana en el hospital Me interesa el trabajo	My sister <b>works</b> in the hospital The job <b>really</b> interests me				
El trabajo me muchas oportunidades que soy una	The job <b>will offer</b> me many opportunities I think that I am a very hard working person	¿Qué trabajo quieres hacer? Por qué te interesa este trabajo Qué son las ventajas y desventajas de hacer este trabajo?	En el futuro, quiero ser (job). Quiero hacer este trabajo porque me interesa mucho / puedo ganar mucho dinero / tengo la oportunidad de trabajar en equipos / prefiero trabajar en una oficina/ prefiero trabajar en el aire libre/ quiero un trabajo donde puedo utilizar mis idiomas / quiero un trabajo donde puedo mejorar mi confianza con el público.		
empezar el lunes	I can start on Monday		Key Cremmer		
			Key Grammar		
He en una oficina ayudado en el colegio	I have <b>worked</b> in an office I have helped at school	Forming the preterite (past tense). Always remove the –AR, -ER, -IR endings first	Remember the preterite (past) tense endings for –AR, -ER, -IR verbs. They are: -AR: -é, -aste,-ó, -amos, -astéis, -aron -ER: -í, -íste, -ió, -imos, -istéis, - ieron -IR: -í, -iste, -ió, -imos, -istéis, - ieron		
oficina ayudado en el colegio Elideal dominará dos idiomas un trabajo que me da oportunidades	I have helped at school The ideal candidate will be fluent in 2 languages I'm looking for a job that gives me opportunities	tense). Always remove the –AR, -ER, -IR endings	Remember the preterite (past) tense endings for –AR, -ER, -IR verbs. They are: -AR: -é, -aste,-ó, -amos, -astéis, -aron -ER: -í, -íste, -ió, -imos, -istéis, - ieron		
oficina ayudado en el colegio Elideal dominará dos idiomas un trabajo que me da oportunidades trabajar con una empresa que tiene	I have helped at school The ideal candidate will be fluent in 2 languages I'm looking for a job that	tense). Always remove the –AR, -ER, -IR endings first Forming the conditional ('would like to' tense). Always remove the –AR, -	Remember the preterite (past) tense endings for –AR, -ER, -IR verbs. They are: -AR: -é, -aste,-ó, -amos, -astéis, -aron -ER: -í, -íste, -ió, -imos, -istéis, - ieron -IR : -í, -iste, -ió, -imos, -istéis, - ieron Remember the conditional ('would') tense endings for –AR, -ER, -IR verbs. They are:		
oficina ayudado en el colegio Elideal dominará dos idiomas un trabajo que me da oportunidades trabajar con una empresa que tiene oficinas en el extranjero un trabajo que	I have helped at school The ideal candidate will be fluent in 2 languages I'm looking for a job that gives me opportunities I want to work with a company that has offices	tense). Always remove the –AR, -ER, -IR endings first Forming the conditional ('would like to' tense). Always remove the –AR, - ER, -IR endings first Using the immediate future	Remember the preterite (past) tense endings for –AR, -ER, -IR verbs. They are: -AR: -é, -aste,-ó, -amos, -astéis, -aron -ER: -í, -íste, -ió, -imos, -istéis, - ieron -IR : -í, -iste, -ió, -imos, -istéis, - ieron Remember the conditional ('would') tense endings for –AR, -ER, -IR verbs. They are: -AR, -ER, -IR: -ía, -ías, -ía, -íamos, -íais, -ían Voy a casarme = I'm going to get married		

#### 39. Stakeholder

Stakeholders are the people or groups with an interest in the success or failure of an organisation.

#### Types of stakeholders & their typical objectives:

#### Business owners & shareholders

Interested in the business being successful and making a profit.

#### Staff/managers

Interested in having job security, career development, fair wages etc.

#### Customers

Interested in getting an honest and fair deal from a business.

#### **Local Community**

Interested in honest and fair dealing/co-operation with the organisation with regards to local employment and environment.

#### Local Government

Interested in employment plans, location plans and business ability to pay tax.

#### **Pressure Groups**

Interested in fair and ethically correct business practices.

#### 42. Retail Legislation

0	
Legislation	Law's passed by acts of parliament. Too many rules that impact on a business from operating as the owner would like are known as " <b>Red Tape</b> ".
Consumer Rights Act 2015	<ul> <li>Goods must be fit for purpose and free from defects.</li> <li>The buyer has the right to get their money back or have their product repaired at the seller's expense.</li> <li>Any issues are to be dealt with by the seller and not the manufacturer.</li> </ul>
Trade Descriptions Act	<ul> <li>Trader's can not use false or misleading statements.</li> <li>Labels must not be misleading.</li> </ul>
Other acts of legislation:	Consumer credit act 1974, The weights and measures act 1985, The food safety act 1990.

#### 43. Recruitment Legislation

Employees are protected from being exploited in the <u>work place</u> .		
Equality Act 2010	Organisations must consider all job applicants equally in regards to gender, age, skin colour etc.	
Equal Pay Act 1970	Organisations must pay workers fairly and can not discriminate in regards to gender, age or skin colour etc.	

#### 40. Types of technology used in business

Technology is used in different aspects of business:

**E-commerce:** Allows businesses to sell their products online and reach a wider audience of potential customers with lower costs.

Social Media: Allows a business to communicate and interact directly with customers.

Digital Communication: E-mail allows customers to contact a business personally and directly.

**Payment Systems:** Online payment systems (eg. Paypal) allow all types of businesses to access their payments fast and easily.

#### 41. How does technology influence business activity?

Sales can increase as a result of e-commerce because customers can access products or services 24 hours a day, 7 days a week. New technology drives innovation to create new products or services and this can increase sales of new products.

Costs can be reduced through advertising online through websites, e-mail newsletters, and via social media. Costs can also be reduced through manufacturing efficiency and being able to find the best deal on raw materials online.

The 4 P's are affected by different types of technology.

Product = New technologically advanced product or a new method of production. Promotion = Digital marketing can improve the effectiveness of marketing and is cheap. Place = Products can be sold online and can be accessed by customers worldwide.

### 44. The Economy

The economy is the collection of business transactions that take place throughout the country, throughout the year.

Interest	The amount that a lender charges per year to someone who has
rates.	borrowed money. This is measured as a percentage.
Exchange	The value of the pound (£) measured by how much foreign currency
rates	can be bought per pound (£).
Recession	A downturn in sales and output throughout the economy, often
	leading to rising unemployment.
Inflation	The rate in which prices are rising from the same time last year.

39. Stakeholder	40. Types of technology used in business
Stakeholders are the people or groups with an interest in the success o	
failure of an organisation.	Technology is used in different aspects of business:
Types of stakeholders & their typical objectives:	
	E-commerce:
	Social Media:
	Digital Communication:
	Payment Systems:
	41. How does technology influence business activity?
42. Retail Legislation	
Legislation	
Consumer Rights	
Act 2015	44. The Economy
Trade	The economy is the collection of business transactions that take place
Descriptions Act	throughout the country, throughout the year.

Other acts of legislation:	

#### 43. Recruitment Legislation

Employees are protected from being exploited in the work place.

- Equality Act 2010
- Equal Pay Act 1970

 44. The Economy

 The economy is the collection of business transactions that take place throughout the country, throughout the year.

 Interest rates.

 Exchange rates

 Recession

 Inflation

#### 45. Changes in interest rates

Interest rates change depending on how confident a lender is on the state of the economy. If the economy is strong the % rates are low, if the economy is weak then % rates are high.

#### Effects of lower interest rates:

#### Increased customer spending:

Customers are happy to spend money more confidently because they will pay less in interest and are more likely to have an excess in disposable income.

#### More favourable borrowing:

Businesses can borrow money from lenders at a lower rate of interest.

#### Effects of higher interest rates:

#### **Reduced customer spending:**

Customers are unlikely to spend money confidently because they will pay more in interest on loans and mortgages. Customers are more likely to have a lack of disposable income.

#### Less favourable borrowing:

Businesses will be charged higher interest rates on any money they have borrowed.

#### 46. Changes in exchange rates

Exchange rates change depend on the supply and demand for different currencies. This is based on how well a country's economy is performing.

#### Effects of a strong pound (£):

Imported goods become cheaper to buy, Products being exported become more expensive abroad.

#### Effects of a weak pound (£):

Imported goods become more expensive to buy, products being exported become cheaper abroad.

#### **47. External Influences**

External influences can impact a business significantly. Business owners are often powerless to control how and when these influences can impact on business.

#### **Typical external influences**

- **Technology** Technology changes all the time and it can affect how customers buy from a business, how products are made or even how a business is expected to communicate with customers.
- Legislation New laws are created by government to protect consumers, employees and business activities from unethical, unsafe or undesirable working practices. Some legislation can be perceived as being a barrier to easy business and is known as "Red Tape".
- Economic Climate Businesses need to be able to react to changes in the economy. If customers are feeling unconfident in their ability to spend money because of a weak economy, then this could affect a business's ability to generate sales. If exchange rates change, a business will need to deal with the consequences of higher costs or lower demand abroad.

45. Changes in interest rates	47. External Influences
Interest rates change depending on how confident a lender is on the state of the economy. If the economy is strong the % rates are low, if the economy is weak then % rates are high. Effects of lower interest rates:	External influences can impact a business significantly. Business owners are often powerless to control how and when these influences can impact on business. Typical external influences
Increased customer spending:	- Technology –
More favourable borrowing:	• Legislation –
Effects of higher interest rates:	Economic Climate –
Reduced customer spending:	
Less favourable borrowing:	
46. Changes in exchange rates	
Exchange rates change depend on the supply and demand for	
different currencies. This is based on how well a country's	
economy is performing.	
Effects of a strong pound (£):	
Effects of a weak pound (£):	



# 0

# Name:

Date:

# Macronutrients, fibre and water

Macronutrients         Macronutrients provide energy. The macronutrients are:         • carbohydrate;         • protein;         • fat.         Macronutrients are measured in grams (g).         Alcohol         Alcohol is not considered a <u>nutrient.</u> but is a source of energy in the diet.	<ul> <li>Protein</li> <li>Made up of building blocks called amino acids.</li> <li>There are 20 amino acids found in protein.</li> <li>Eight amino acids have to be provided by the diet (called essential amino acids).</li> <li>The essential amino acids are isoleucine, leucine, lysine, methionine, phenylalanine, threonine, tryptophan and valine.</li> <li>In young children, additional amino</li> </ul>	Carbohydrate All types of carbohydrate are compounds of carbon, hydrogen and oxygen. They can be divided into three main groups according to the size of the molecule. These three types are: • monosaccharides (e.g. glucose); • disaccharides (e.g. lactose); • polysaccharide (e.g. sucrose). The two types main of carbohydrate that provide dietary energy are starch and sugars. Dietary fibre is also a type of	Fat         Sources of fat include:         • saturated fat;         • monounsaturated fat;         • polyunsaturated fat.         Fats can be saturated, when they have no double bonds, monounsaturated, when they have one double bond, or polyunsaturated, when they have more than one double bond.         Recommendations         • <35% energy, Saturated fat <11%	Key terms Dietary reference values: Estimated dietary requirements for particular groups of the population. Essential amino acids: 8 of the different amino acids found in proteins from plants and animals that have to be provided by the diet. Macronutrients: Nutrients needed to provide energy and as the building blocks for growth and maintenance of the body.
The government recommends no more than 14 units of alcohol per week for both men and women.	acids, e.g. histidine and tyrosine, are sometimes considered to be essential (or 'conditionally essential') because they may be unable to make enough to meet their needs.	carbohydrate. Starchy carbohydrate is an important source of energy. Starchy foods - we should be choosing	energy. A high saturated fat intake is linked with high blood cholesterol levels. Sources:	Protein complementation: combining different protein types at the same meal to ensure all EAAs are ingested. Reference Intakes: Guidelines for the maximum amount of nutrients consumed.
Energy intake is measured in joules (J) or kilojoules (kJ), but many people are more familiar with Calories (kcal).     Different macronutrients, and alcohol, provide different amounts of energy.     Energy per gram     Carbohydrate 16kJ (3.75 kcals)     Protein 17kJ (4 kcals)	Recommendations <ul> <li>0.75g/kg bodyweight/day in adults.</li> </ul> Sources: <ul> <li>Animal sources: meat; poultry; fish; eggs; milk; dairy food.</li> </ul> Plant sources: soya; nuts; <u>seeds;</u> pulses, e.g. beans, lentils; mycoprotein.	<ul> <li>wholegrain versions of starchy foods where possible.</li> <li>Recommendations</li> <li>Total carbohydrate - around 50% of daily food energy.</li> <li>Free sugars include all sugars added to foods plus sugars naturally present in honey, syrups and unsweetened fruit juice (&lt;5% daily food energy).</li> <li>Fibre is a term used for plant-based carbohydrates that are not digested in</li> </ul>	Saturated fat: fatty cuts of meat; skin of poultry; butter; hard cheese; biscuits, cakes and pastries; chocolate. Monounsaturated fat: edible oils especially olive oil; avocados; nuts. Polyunsaturated fatty acids: edible oils especially sunflower oil; <u>seeds;</u> <u>margarine;</u> spreadable fats made from vegetable oils and oily fish. Dietary reference values (DRVs) are	<ul> <li>Hydration</li> <li>Aim to drink 6-8 glasses of fluid every day.</li> <li>Water, lower fat milk and sugar-free drinks including tea and coffee all count.</li> <li>Fruit juice and smoothies also count but should be limited to no more than a combined total of 150ml per day.</li> <li>20% of water is provided by food such as soups, yogurts, fruit and vegetables.</li> </ul>
Alcohol 29kJ (7kcals) Fat 37kJ (9 kcals) 40 37 30 29 520 17 17 10 17 17 31 17 17 32 10 17 17	Protein complementation Different food contains different amounts and combinations of amino acids. Vegans and vegetarians can get all the amino acids they need by combining different protein types at the same meal. This is known as protein complementation.	<ul> <li>the small intestine (30g/day for adults).</li> <li>Fibre <ul> <li>Dietary fibre is a type of carbohydrate found in plant foods.</li> <li>Food examples include wholegrain cereals and cereal products; oats; beans; lentils; fruit; vegetables; nuts; and, seeds.</li> </ul> </li> <li>Dietary fibre helps to: <ul> <li>reduce the risk of heart disease,</li> </ul> </li> </ul>	a series of estimates of the energy and nutritional requirements of different groups of healthy people in the UK population. They are not recommendations or goals for individuals. Reference Intakes are guidelines for the maximum amount of energy (calories), fat, saturated fat, sugars and salt consumed in a day (based on a healthy adult female).	The other 80% is provided by drinks such as water, milk and juice. Drinking too much water can lead to 'water intoxication' with potentially <u>life_threatening</u> hyponatraemia. This is caused when the concentration of sodium in the blood gets too low.
0 CHO Prolein Alcohol Fail	Examples are: • rice and <u>peas;</u> • beans on <u>toast;</u> • hummus and pitta <u>bread;</u> • bean chilli served with rice.	diabetes and some <u>cancers</u> ; help weight <u>control</u> ; bulk up <u>stools</u> ; prevent <u>constipation</u> ; improve gut health.		



# KS4 FOOD AND NUTRITION KNOWLEDGE ORGANISER

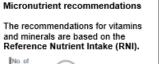


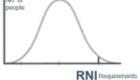
Micronutrients are needed in the body in tiny amounts. They do not provide energy, but are required for a number of important processes in the body.

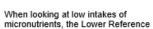
There are two main groups of micronutrients:

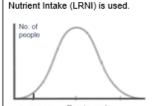
- vitamins;
- minerals and trace elements.

Micronutrients are measured in milligrams (mg) and micrograms ( $\mu$ g) with 1mg = 0.001g and 1 $\mu$ g = 0.001mg.









LRNI Requirements

For more information, go to: https://bit.ly/36KUnji

Micronutrient recommendations People have different requirements for each micronutrient, according to their: • age; • gender; • physiological state (e.g. pregnancy).
2 4 4 4
Vitamins

		_			
Vitamins					
Vitamins	are nuti	rients	requir	ed by	
the body i	in small	amo	unts, f	ora	
variety of	essenti	ial pro	cesse	S.	

Most vitamins cannot be made by the body, so need to be provided in the diet.

Vitamins are grouped into:

- fat-soluble vitamins (vitamins A, D, E and K);
- water-soluble vitamins (B vitamins and vitamin C).

#### Minerals

- Minerals are inorganic substances required by the body in small amounts for a variety of different functions.
- The body requires different amounts for each mineral.

Some minerals are required in larger amounts, while others are needed in very small amounts and are called 'trace elements'.

Nutrient	Function	Sources
Vitamin A	Helps the immune system to work as it should and with vision.	Liver, cheese, eggs, dark green leafy vegetables and orange- coloured fruits and vegetables.
B vitamins	Thiamin, riboflavin, niacin, folate, and vitamin B12 have a range of functions within the body.	Different for each B Vitamin.
Vitamin C	Helps to protect cells from damage and with the formation of collagen.	Fruit (especially citrus fruits), green vegetables, peppers and tomatoes.
Vitamin D	Helps the body to absorb calcium & helps to keep bones strong.	Oily fish, eggs, fortified breakfast cereals and fat spreads.
Vitamin E	Helps to protect the cells in our bodies against damage.	Vegetable and seed oils, nuts and seeds, avocados and olives.
Vitamin K	Needed for the normal clotting of blood and is required for normal bone structure.	Green vegetables and some oils (rapeseed, olive and soya oil).

	Nutrient	Function	Sources
	Calcium	Helps to build and maintain strong bones and teeth.	Dairy, calcium-fortified dairy- alternatives, canned fish (where soft bones are eaten) and bread.
	Iron	Helps to make red blood cells, which carry oxygen around the body.	Offal, red meat, beans, pulses, nuts and seeds, fish, quinoa, wholemeal bread and dried fruit.
]	Phosphorus	Helps to build strong bones and teeth and helps to release energy from food.	Red meat, poultry, fish, milk, cheese, yogurt, eggs, bread and wholegrains.
	Sodium	Helps regulate the water content in the body.	Very small amounts found in foods. Often added as salt.
	Fluoride	Helps with the formation of strong teeth and reduce the risk of tooth decay.	Tap water, tea (and toothpaste).
	Potassium	Helps regulate the water content in the body and maintain a normal blood pressure.	Some fruit and vegetables, dried fruit, poultry, red meat, fish, milk and wholegrain breakfast cereals.
	lodine	Helps to make thyroid hormones. It also helps the brain to function normally.	Milk, yogurt, cheese, fish, shellfish and eggs.

#### Key terms Micronutrients: Nutrients needed in the diet in very small amounts. Lower Reference Nutrient Intake (LRNI): is the amount of a nutrient that is enough for only the small number of people who have low requirements (2.5%). The majority of people need more. Reference Nutrient Intake (RNI): the amount of a nutrient that is enough to ensure that the needs of nearly all the group (97.5%) are being met. The RNI is used for recommendations on protein, vitamins and minerals.

#### Vitamin D

Vitamin D is a pro-hormone in the body. It can be obtained in two forms:

- ergocalciferol (vitamin D<sub>2</sub>);
- cholecalciferol (vitamin D<sub>3</sub>).

Vitamin D<sub>3</sub> is also formed by the action of sunlight. Different to most vitamins, the main source of vitamin D is synthesis in the skin following exposure to sunlight. The wavelength of UVB during the winter months in the UK does not support vitamin D synthesis.



#### Frayer Model Key Words

Trayer would key words	
Protein	A macronutrient that is essential to building muscle mass.
Fat	A macronutrient which supplies the body with energy.
Carbohydrates	A macronutrient that is required by all animals. It is made in plants by the process of photosynthesis.
Vitamin	Vitamins are split into two categories, water soluble and fat soluble. Fat soluble vitamins (A, D E, and K) dissolve in fat. Water soluble vitamins (the B group and vitamin C) dissolve in water.
Nutritional	Providing or obtaining the food necessary for health and growth.
Energy	The strength and vitality required for sustained physical or mental activity.

# KS4 FOOD AND NUTRITION KNOWLEDGE ORGANISER



# QUIZ

### **Macronutrients** Macronutrients provide energy. The macronutrients are: Sources: Macronutrients are measured in...... ( ). Animal sources: Plant sources: Micronutrients are needed in the body in .....amounts. They do not provide...... Vitamins but are required for a number of important.....in the body. processes. There are two main groups of micronutrients: • . • . Micronutrients are measured in ..... (mg) and ..... (µg) with 1mg = 0.001g and $1\mu g = 0.001 mg$ . Kev terms **Dietary reference values:** Essential amino acids: Macronutrients: Protein complementation: . • . **Reference Intakes:** ٠ . •

#### Fat Carbohydrate Sources of fat include: All types of carbohydrate are compounds Protein saturated fat: Made up of building blocks called of carbon, hydrogen and oxygen. They monounsaturated fat; can be divided into three main groups polyunsaturated fat. according to the size of the molecule. There are ..... amino acids found in protein. Eight amino acids have to be provided by the Fats can be saturated, when they These three types are: diet (called..... amino acids). have no double bonds, monounsaturated, when they have one double bond, or polyunsaturated, when they have more than one double bond. The two types main of carbohydrate that provide dietary energy are starch and Recommendations sugars. Dietary fibre is also a type of <35% energy, Saturated fat <11% carbohydrate. energy. Vitamins are nutrients required by the body in Starchy carbohydrate is an important A high saturated fat intake is linked small amounts, for a variety of essential source of energy. with high blood cholesterol levels. Starchy foods -Most vitamins cannot be made by the body, Sources: so need to be provided in the diet. Recommendations Vitamins are grouped into: • Total carbohydrate around.....of daily food energy. Free sugars include . .....plus sugars naturally present in honey, syrups and unsweetened fruit juice (<5% daily food energy). Fibre is a term used for plant-based Protein complementation . carbohydrates that are not digested Different food... in the small intestine (30g/day for adults). Vegans and vegetarians can get all the amino acids they need by combining different Key terms protein types at the same meal. This is Micronutrients: known as protein complementation. Examples are: Lower Reference Nutrient Intake (LRNI): **Reference Nutrient Intake (RNI):**



#### Year 10 PRODUCT DESIGN Term 5



What we are le	arning this term:		D. Composite Materials					
A. Modern Ma	aterials C. Polymers	chnical Textiles	A composite material is a mixture of two or more materials to enhance properties.					
B. Smart Materials D. Composite Materials F. Textiles					Fibre-based			Common Uses
A. Modern	Materials					Boats, instrument cases		
A modern mate	ial is a material that has been e	ngineered to ha	ve improved properties.	(GRP)				
Type Properties Common Uses			Carbon-reinforced plastic (CRP)		Carbon fib	es and resin	Formula 1 car bodies, crash helmets, sports equipment	
Graphene	Transparent. Very strong and	light	Protective equipment and clothing	Glass-reinforced concrete (GRC)		Glass fibre	s and concrete	Street furniture, urban features.
Metal Foams	Lightweight. Strong under con Absorbs energy well.	npression.	Prosthetics. Soundproofing and crash protection.	Particle	e-based	Materials		Common Uses
Titanium		Corrosion	Prosthetics. Aircraft and	Concre	te	Cement, sa	and and aggregate	Buildings, street furniture
Thamam	TitaniumHigh strength-to-weight ratio. Corrosion resistant.Prosthetics. Aircraft and spacecraft.			Cemen	t	Ceramic a	nd metal	Electronic components
B. Smart	Materials			Sheet-	based composite	materials – Io	ok back to Term 4 –	Manufactured Boards
Materials that e	whibit a physical change in respo	onse to some ex	ternal stimuli and change back	Medium Density Fibreboard (N		d (MDF)	Plywood	Chipboard
once that stimul	i has been removed.			E. Technical Textiles				
Shape-memory frames	alloys (SMA) – spectacle	Thermochrom spoons	hic pigments – colour changing	Modern textiles can be engineered to have numerous properties.				
Photochromic p lenses and wind	gments - colour changing		naterials – metals that resist	Conductive Fabrics – Fire-retardant fabrics – furniture, furnishings, firefighter cloth touch screen gloves			furnishings, firefighter clothing.	
Ferrofluids form hydraulic suspe	ed by magnetic field – nsion pistons	Polymorph –n handles	nodelling and ergonomic	bullet proof vests and cleaning cloths clothing ar		Microencapsulation – sports clothing and scratch and sniff perfume samples		
C. Polyme	ers – come from crude oil			F.	Textiles			
Thermoforming	can be heated and formed repea	atedly, thermose	etting can only be formed once	Textile materials can be found natural or can be formed synthetically				
Thermoforming	g (pliable, recyclable)	Thermosettir	ng (good insulators)	Natural – come from plants or animals Synthetic – come from co			ome from coal or oil	
Acrylic (PMMA)		Epoxy resin (I	ER)	Cotton (plant) Polyester				
High impact pol	vstyrene (HIPS)	Melamine forr	maldehyde (MF)	Wool (animal)     Polyamide (nylon)			(lon)	
High density po	ythene (HDPE)	Phenol forma	ldehyde (PF)					
Polypropylene (	PP)	Polyester resi	in (PR)	Silk (an	,		Elastane	
Polyvinyl chloric	e (PVC)	Urea formalde	ehyde (UF)	Blende	d – a mixture of f	bres that con	bines and improves	properties
Polyethylene te	ephthalate (PET)	These are res	sistant to heat and chemicals	Polycotton Kevlar Sympatex		Sympatex		

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#### Year 10 PRODUCT DESIGN Term 5



What	What we are learning this term:					D. Composite Materials			
Α.	,					A composite material is a mixture of two or more materials to enhance properties.			
В.	B. Smart Materials D. Composite Materials F. Textiles			Fibre-based		Materials		Common Uses	
Α.	A. Modern Materials								
A mo	A modern material is a material that has been engineered to have improved properties.								
Туре		Properties		Common Uses					
Graphene									
Meta	Foams				Particl	e-based	Materials		Common Uses
Titan	ium								
в.	Smart I	Materials			Sheet-based composite materials – look back to Term 4 – Manufactured Boards				Manufactured Boards
	Materials that exhibit a physical change in response to some external stimuli and change back								
once	that stimul	i has been removed.			E. Technical Textiles				
					Modern textiles can be engineered to have numerous properties.				
C.	Polyme	ers – come from crude oil			F.	Textiles			
Therr	noforming	can be heated and formed repea	itedly, thermose	etting can only be formed once	Textile	materials can be fou	nd natural or can l	pe formed synthe	tically
Ther	moforming	g (pliable, recyclable)	Thermosettin	ng (good insulators)	Natural – come from plants or animals Synthetic – come from coal or oil			ome from coal or oil	
				Blende	ed – a mixture of fib	res that combine	s and improves	properties	
			These are res	istant to heat and chemicals					

What we are learning	ing:	B What are the different types of health care services?			C. What are the different types of social care		
<ul><li>A. Key words</li><li>B. What are the different types of health care services?</li><li>C. What are the different types of social care services?</li><li>D. What barriers are there to accessing care services?</li></ul>		Primary Care	<ul> <li>Primary care is the first point of contact a patient is likely to have with the NHS – you can refer yourself to primary care providers.</li> </ul>	Childre and you			
A. Key words fo	A. Key words for this Unit		Primary care providers include     pharmacists, Registered GPs/doctors,		basis because their parent of carer is ill; they have family problems, they		
Primary care	First point of contact when seeking health care		walk-in centres, accident and emergency departments (A&E), dentists and Opticians.		<ul><li>have behavioural issues or additional needs.</li><li>Types of support for children and</li></ul>		
NHS	National Health Service – Tax funded health care in the UK.	Secondary Care	<ul> <li>Secondary care is specialist treatment or care. A primary care provider will refer a patient for secondary care if they feel it is</li> </ul>		young people include foster care, residential care and youth work.		
Secondary care	Specialist health treatment and/or care		<ul><li>necessary for the patient to receive further advice, tests or treatment.</li><li>Secondary care providers include</li></ul>		<ul> <li>Children and adults may need support with specific needs including learning disabilities, sensory</li> </ul>		
Tertiary care	Advanced specialist health treatment and/or care.		cardiologists (heart), gynaecologists (female reproduction), paediatrics (children), obstetrics (childbirth and	specific needs			
Allied health professionals	Professionals who are involved in patient care from diagnosis to recover	Terling One	midwifery), psychiatry (mental health) and dermatology (skin).		adults with specific needs include residential care, respite care and domiciliary care.		
Clinical support staff	Support allied health professionals with the treatment and care of patients.	Tertiary Care	<ul> <li>Tertiary Care is advanced specialist treatment or care. A secondary care provider will refer a patient for tertiary care for long-term treatment and/or care.</li> </ul>	Older Adults	cardiovascular disease, dementia and		
Foster care	A stable family home where care is provided on either a short or long-term basis.		<ul> <li>Tertiary care areas include spinal, cardiac (heart), cancer care, chronic pain, burns and neonatal (premature and ill new born babies).</li> </ul>		<ul> <li>depression.</li> <li>Types of support for older adults include residential care, carers and personal assistants.</li> </ul>		
Residential care	Accommodation and care for a number of children, young people or adults living together in one building.	Allied Health Professionals	<ul> <li>Allied health professionals work in a range of specialities They support patients through all stages of care – from diagnosis to recovery. To work with the public they</li> </ul>	Informa Social (	5 1 ,		
Respite care	Short-term care which provides relief for family member who are carers.		<ul> <li>must register with the Health and Care</li> <li>Professions Council (HCPC).</li> <li>Allied health professionals include art therapists, dieticians, paramedics,</li> </ul>		<ul> <li>Informal carers include a spouse or partner, children, friends and neighbours.</li> <li>Informal carers do practical</li> </ul>		
Domiciliary care	Care received in the person's own home.		physiotherapists, speech and language therapists and radiographers.		household duties, shopping, laundry, walk the dog and help with personal		
Sensory impairment	Difficulties with senses, most commonly vision and hearing.	Clinical Support Staff	<ul> <li>Clinical support staff work within a range of departments under the guidance of allied health professionals. They are</li> </ul>		care.		
Braille	Raised lettering to help visually impaired.		trained in their roles but are not required to register with the HCPC.				
Occupational therapist	Offers support to develop independence for daily living activities.		<ul> <li>Clinical support staff include theatre support workers, prosthetic technicians, dietetic assistant, phlebotomist (collects blood samples), hearing aid dispensers and maternity support workers.</li> </ul>				
			and matering support workers.				

D.	What ba	rriers are there to accessing care services?					
Physical Barriers		<ul> <li>Difficulty accessing care due to mobility and/or disability.</li> <li>Obstacles include uneven and rough pavements and services, narrow doorways, no lift and transport.</li> <li>Access could be improved by planning journeys in advance and reporting any problems to the council.</li> </ul>					
Sensory Barriers		<ul> <li>Sensory impairments can be a barrier to accessing care.</li> <li>A person with poor vision may need glasses or documents in large print. Profound sight problems may benefit from Braille.</li> <li>A person with a hearing impairment may benefit from a hearing aid or sign language interpreter.</li> </ul>					
Social, Cu Psycholo Barriers	ultural and ogical	<ul> <li>Social, cultural and psychological barriers may leave people feeling nervous about accessing support.</li> <li>These can include: religion/cultural barriers, negative experience, self-diagnosis, substance misuse, opening hours.</li> <li>Care services can give individuals opportunities to share their concerns, offer different gender practitioners, facilities to worship and show respect and understanding.</li> </ul>					
Language	e Barriers	<ul> <li>Language can be a barrier to accessing care services because individuals and care providers may struggle to understand each other.</li> <li>Support for individuals could include translated documents, translators and interpreters and support from family members.</li> </ul>					
Geographical Barriers		<ul> <li>Individuals may struggle to reach care services because public transport may not run regularly, specialist treatments may require long distance travel and travel can be expensive.</li> <li>Support could include being provided with direct travel or having travel costs reimbursed.</li> </ul>					
Intellect	ual Barriers	<ul> <li>If an individual has a learning disability is can cause difficulty in them accessing care services.</li> <li>Support might include a learning disability nurse, speech and language therapist or occupational therapist.</li> </ul>					
Resource	e Barriers	<ul> <li>As the population ages and more disorders are being successfully treated, there is a huge strain on health and social care resources – at times it might seem that not everyone can access what they need.</li> <li>There are huge staff shortages which puts strain on people that work in the health and social care sector.</li> </ul>					
Financial	Barriers	<ul> <li>Seeing a GP or using emergency services are free but some services, such as optical and dental care, often involve some payment.</li> <li>This can be difficult for people if they are from a low-income household as they may not feel they can afford to access the care they need.</li> </ul>					

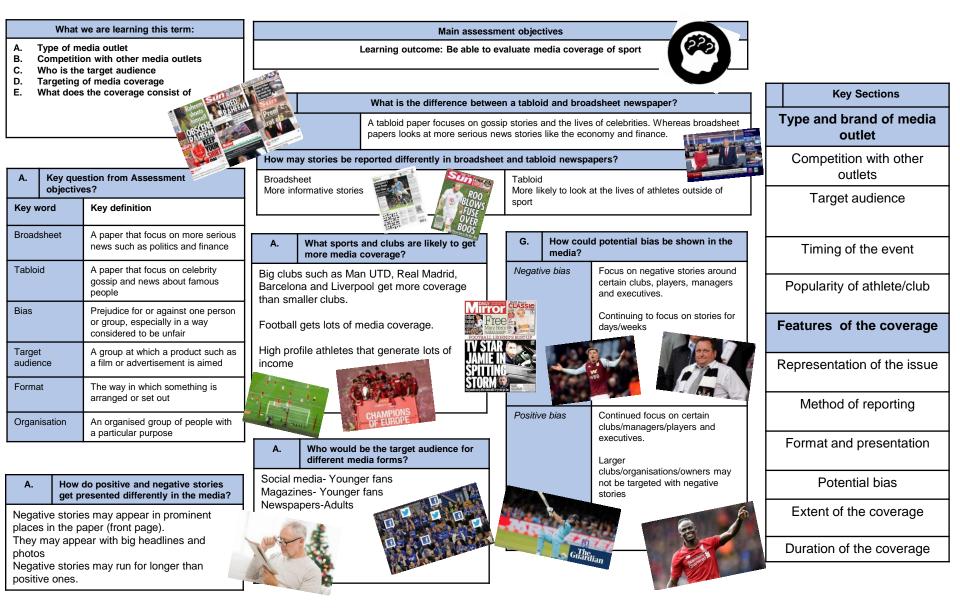
What we are learn	F. What are the care values and how can they be implemented?				
<ul> <li>E. Define the key w</li> <li>F. What are the car implemented?</li> </ul> E. Define the ke	Empowering and promoting independence		<ul> <li>Empowerment is when an individual feels in control of their own life and have a say in what happens to them.</li> <li>Some people might need help with empowerment because of their age, circumstances or confidence e.g. elderly people, children, adult with learning disabilities.</li> <li>You can promote empowerment and independence by involving individuals, where possible, in making choices about their treatment.</li> </ul>		
Self-respect	Valuing yourself	Respect for othe	ers	• You can show respect for the individual by respecting their privacy, needs, beliefs and identity.	
Person centred approach	Planning care around the wants and needs of a service user			<ul> <li>Show respect by being patient when someone takes longer to perform simple tasks due to their age, disability or injury.</li> <li>Do not leave personal files around for others to see or discuss your patients' case with friends.</li> <li>Gain permission before entering a room, provide private place for personal conversations.</li> </ul>	
Empowerment	Supporting people to take control of their lives and futures by involving them decisions on their care and treatment	Maintaining confidentiality	<u></u>	<ul> <li>It is a person's right by law to have information about them kept confidential.</li> <li>Care workers and not allowed to talk about one service user to another, or someone who is not involved in helping them get better. This involves not having those private conversations in public places where other can overhear.</li> </ul>	
Confidentiality	Not passing on information or discussing a private conversation to anyone	(§)		<ul> <li>Paper and electronic files are to be kept confidential and only shared with care workers which are involved in the treatment of the patient.</li> </ul>	
Dignity	Being respected and treated with care	Preserving dign	ity	<ul> <li>Preserving the dignity of individuals to help them maintain self-worth, privacy and self-respect.</li> <li>You do this by involving the person in their own care; helping them go to the bathroom; giving the person time they need, checking what they would like to be called; closing door or curtain when</li> </ul>	
Safeguarding	Policies to ensure children and vulnerable adults are protected			they are changing; making sure their clothes are clean; dealing with embarrassing situations sensitively and professionally.	
Discrimination	from harm, abuse and neglect Treating a person or group of people unfairly or less well than others	Effective communication		<ul> <li>In health and social care it is important to communicate effectively with service used in order to build trusting relationships. These can be lost of the care worker appears not to care or listen.</li> <li>Recognising different communication needs and trying to overcome them shows that cares respect the individual e.g. when visually impaired providing a leaflet in braille; if can't speak English well, have a translator organised beforehand.</li> </ul>	
Compassionate	Feeling or showing sympathy and concern for others		eguarding and duty are	<ul> <li>Show you value the person through showing empathy, asking questions, not judging, smiling, using their name, giving appropriate eye contact, open body language, giving time to process.</li> </ul>	
Competence	The ability to do something successfully and efficiently	Safeguarding an of care		<ul> <li>Health and social care workers have a legal duty to protect service users from harm, neglect or abuse. They must recognise the signs and symptoms of abuse so they can protect people.</li> <li>Signs of abuse include low self-esteem, STDs, unexplained injuries or bruises, insomnia, change</li> </ul>	
Consequences	A result or effect, typically one that is unwelcome or unpleasant			<ul> <li>in appetite, change of personality, self-harming, fear of being alone etc.</li> <li>What to do: report the abuse, never promise to keep the abuse secret, make it clear that you will have to tell someone e.g. your supervisor or the police.</li> </ul>	
Review         Involves assessing or inspecting something with the intention of making change if necessary				<ul> <li>DUTY OF CARE</li> <li>Care workers must work in ways that never put individuals at any risk or harms. They need to know their responsibilities, procedures, deliver care as the care plan states and always report and record any concerns about the service user even if they appear minor.</li> </ul>	
Empathy Being able to understand and share feelings and views of another person.		Promoting anti- discriminatory p		<ul> <li>Discrimination can be obvious but sometimes it can be subtle and hidden, and The Equality Act 2010 makes it illegal to discriminate against people because of their e.g. age, gender, race,</li> </ul>	
Insomnia	Difficulties in sleeping			<ul> <li>disability, religion, sexual orientation, marital status etc.</li> <li>You can promote anti-discriminatory practice by: having patience with someone who doesn't speak English well; communicating in a way that the person will understand; showing tolerance</li> </ul>	

towards people who have different beliefs and values from you; challenging unkind behaviour.

What we are le	earning:	H Ident					
<ul> <li>G. How to apply care values in a compassionate way.</li> <li>H. Identifying own strengths and areas for improvement against the care values</li> <li>G How to apply care values in a compassionate</li> </ul>		Working together	<ul> <li>All care works have the responsibility to uphold care values. If everyone work together, doing their 'bit', service users and colleagues alike will all be able to have positive experiences.</li> <li>Put any feelings aside, some clients can show anger or aggressions towards you, continues to work in a way that respects each of the care values.</li> <li>Staff training:</li> <li>Staff training keeps everyone updated. Even if they also ready had care value</li> </ul>				
way?			training it is important to have it again and remind them of their importance.				
<ul> <li>Show empathy and</li> <li>Being patient</li> <li>Showing sensitivity</li> <li>Understanding</li> <li>Actively listening</li> <li>Having a positive outlook</li> <li>Being encouraging</li> <li>Having genuine concern for other people.</li> </ul>		Making mistakes	<ul> <li>Everyone sometimes make mistakes. It is crucial that staff own up to mistakes that they have made, not matter how small. This is part of the duty of care to safeguard individuals, it demonstrates respect.</li> <li>You need to be honest about your mistake, do not pretend it never happened and do not blame someone else.</li> <li>You can: <ul> <li>Tell your supervisor, admit it and apologise</li> <li>Be honest and accurate about what happened,</li> </ul> </li> </ul>				
Care workers can check themselves against the 'Six C's of Compassionate Care' checklist to make sure they are applying care values with compassion.			<ul> <li>Suggest ways to avoid it happening again</li> <li>Earn back the trust of the person involved</li> <li>Prove you can do the job</li> <li>Do no be too hard on yourself; seek help and guidance from others.</li> </ul>				
Care	Helps to improve an individual's health and wellbeing. Care should be tailored to each person's needs and circumstances	Reviewing own applications of care values	<ul> <li>One way to improve skills is to look carefully at the areas you are good at, what you are able to do well and things that you find difficult.</li> <li>Knowing your strengths will allow you to take on task with ease and make you</li> </ul>				
Compassion	Shows the care worker understands what the individual is experiencing. Being empathetic to their situation shows care and value to the individual		<ul> <li>feel confident that you are doing a good job.</li> <li>Knowing your weaknesses and what needs improving will help you work on them and develop. It is important to be open with yourself and others in order to progress further and be better at your job.</li> </ul>				
Competence	Shows that care workers can safeguard and protect individuals from harm	Receiving	<ul> <li>Regularly review your strengths and weaknesses because they change overtime</li> <li>The purpose of feedback is to let you know what you are doing well and the</li> </ul>				
Communicati on			<ul> <li>areas you need to improve.</li> <li>This can be formal- like reports and following an observation at work and Informal- like chatting to colleagues at break time.</li> <li>Both types encourage you to feel pleased with what you have done well and motivate you to improve in weaker areas, perhaps even provide a way forward.</li> <li>Remember: when giving and receiving feedback, positives must be noted so that</li> </ul>				
Courage	Protecting individuals by speaking up if you think something is wrong; being brave enough to own up if you have made a mistake.		you know what you are doing well and continue to do so. Negatives are hard to uncomfortable to hear, but do not take them personally, you need them to get better at your job and feel more confident.				
Commitment	Carrying out your duties to care for others to the best of your ability.	Using feedback	<ul> <li>Create yourself a SMART action plan to set yourself Specific, Measurable, Achievable, Realistic and Time-related targets or goals to help plan for your improvements</li> </ul>				











W	hat we are learning this term:	Main assessment objectives	
B. Con C. Who	e of media outlet npetition with other media outlets o is the target audience	Learning outcome: Be able to evaluate media coverage of sport	
	geting of media coverage at does the coverage consist of		Key Sections
		What is the difference between a tabloid and broadsheet newspaper?	Type and brand of media outlet
	y question from Assessment	How may stories be reported differently in broadsheet and tabloid newspapers?	
Key word	Key definition		
Broadsheet	t	A. What sports and clubs are likely to get G. How could potential bias be shown in the media?	
Tabloid		more media coverage? Negative bias	
Bias			Features of the coverage
Target audience			
Format		STORM C	
Organisatio	חיי	Positive bias	
	How do positive and negative stories get presented differently in the media?	A. Who would be the target audience for different media forms?	