2018-19

# Year 9 - Cycle Three 100% Book



Name:								

Tutor group: \_\_\_\_\_



# Your 100% book and knowledge organisers

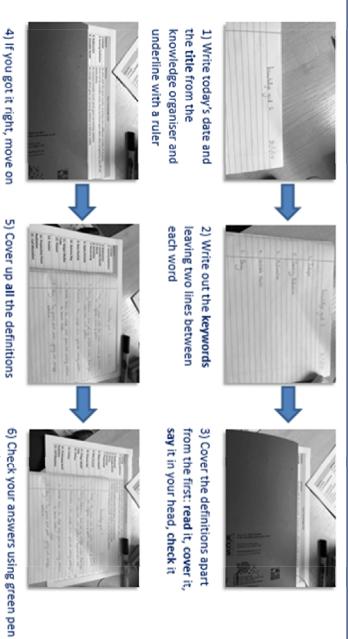
this knowledge for the long-term. what you have learnt in lessons in order to remember must know. This will help you recap, revisit and revise Knowledge organisers contain critical knowledge you

themselves after learning. Students remember 50% more when they test

part of your equipment. You must have this 100% book for every lesson – it is

finished the cycle or the year). You must keep your 100% books (even after you have

# How do I use my 100% book for self-quizzing?





and quiz yourself on the rest

in your head, one by one

memory

Tick any definitions which are correct Correct any definitions not completely

and write them out from

# Correcting spelling, punctuation and grammar

Your work will be marked across all subjects to help you improve your literacy. This is the code that will be used.

С	Correcting your spelling, punctuation and grammar						
Sp + underlined word	The underlined word is spelt incorrectly.  Look, cover, write then check. Do this at least three times so you spell it correctly.						
A circle around part of a word or a space	Your punctuation is incorrect, or something is missing (including capital letters).						
? + wobbly line	You haven't explained your ideas clearly enough.						
/	You need to start a new sentence here.  Remember: full stop, capital letter.						
//	You need to start a new paragraph here.  Remember: new paragraphs for time, place, topic, person (TiPToP).						
^	A word is missing where the arrow is pointing.						





# YEAR 9 | ART AND DESIGN | KNOWLEDGE ORGANISER | MARK-MAKING



1. Mark-making Terms					
Scumble	Rough dull marks that apply semi-transparent marks to an image				
Stipple	Mark a surface with numerous small dots or specks				
Broken Line	A line composed of a series of dashes often				
Continuous Line	The line in a continuous line drawing is unbroken from the beginning to the end				
Gestural	Application of marks in free sweeping gestures				
Loose	Uncontrolled and often expressive marks				
Controlled	Deliberate and specific marks				
Hatching	Create tone by drawing closely spaced parallel lines				
Cross Hatching	Two layers of hatching at right-angles to create a mesh-like pattern				

2. Media	
Medium	Properties
Charcoal	Non-permanent marks that vary in intensity
Oil Pastels	Expressive lines by applying more or less pressure to the drawing
Chalk Pastels	Non-permanent soft and powder-like texture
Graded Pencils	Large range of soft to hard leads that produce dark to light tones
Pen and Ink	Range of rough marks that drag along the surface
Felt Tip	Bold and sharp lines that bleed through the surface
Graphite	Greasy texture and dull metallic grey marks

3. Notable Portrait Artists Throughout History							
Name	Born - Died	Characteristics of work					
Leonardo Da Vinci	1452-1519	<ul><li>soft and gentle lighting</li><li>muted 'earthy' colours</li></ul>					
Rembrandt	1606-1669	<ul><li>painter of light and shade</li><li>dedicated to portraying realism</li></ul>					
Vincent Van Gogh	1853-1890	<ul><li>bold and expressive colours</li><li>textured and wavy brushstrokes</li></ul>					
Pablo Picasso	1881-1973	<ul><li>Blue Period paintings of sad women</li><li>Cubism - abstract geometric shapes</li></ul>					
Frida Kahlo	1907-1954	<ul><li>honest and truthful self depiction</li><li>inspired by nature and Mexico</li></ul>					
Francis Bacon	1909-1992	<ul><li> grotesque manipulation of faces</li><li> emotionally charged</li></ul>					
Lucian Freud	1922-2011	<ul><li>very thick 'fleshy' paint</li><li>painter of truthful human forms</li></ul>					
Cindy Sherman	1954-	<ul><li>photographs herself in range of costumes</li><li>subverts the stereotypes of women in media</li></ul>					

4. Portrait Terms	
Portrait	A representation of a particular person
Self Portrait	Portrait of the artist by the artist, often in a reflective way
Pose	To perform a particular attitude or stance
Posture	The position and attitude of the body and the position of the limbs
Three-quarter Profile	A representation of a head or figure posed about halfway between front and profile views
Subject	The main idea that is represented in the artwork
Viewer	Someone who looks at a picture, photograph, or piece of art
Subtext	Less obvious meaning or message in the artwork that comes to be known by the viewer over time

# Y9 Cycle 3 | Drama | Duologues

A: Lesson 1		B: Lesson 2			
Duologue	Part of a play with a speaking part for only two actors	Refinement	The process of improving a product by removing unwanted elements		
Subtext	The true meaning behind what someone is saying	Atmosphere	The overall feeling of a location		
Motivation	The reason behind a person's actions	Stage Configuration	The layout of a stage		
Climax	The moment in a scene that has the most excitement or tension	Reacting	The process of changing in response to an external factor		

C: Lesson 3						
Formal Language	Speech that includes full sentences, correct grammar and used in official situations such as a job interview					
Informal Language	Speech including slang, short sentences and phrases common to where a character is from					
Stage Directions	Guidance written in the script by the playwright to support how the play should be staged and performed					
Performance Intention	The impact you want to have on your audience, e.g. to make them think or to make them laugh					

D: Lesson 4	
Blocking	The process of deciding where characters should stand on stage using stage directions
Masking	Standing between the audience and another actor blocking their view
Projection	Speaking clear enough for people to hear you from a distance (not shouting)
Setting	The location or environment a play takes place in

### **English Cycle 3 Knowledge Organiser – Gothic**

Α	Structural Key Terms	Definition	Linked Words
1	perspective (n)	A point of view	
2	focus (n)	The centre of interest or activity	focal point
3	omniscient narrator (n)	A narrator who does not participate in the action of the story but instead is an 'all-seeing' third-person narrator	
4	focaliser (n)	The person from whose perspective a third-person narrative is written	
5	setting (n)	The place or type of surroundings where something is positioned	
6	pace (n)	The speed or rate at which something happens or develops	
7	shift	Change in emphasis, direction, or focus	
8	tricolon (n)	Listing or talking about things in groups of three	
9	cyclical (adj)	Happening in cycles, coming back to the beginning	
10	language pattern	Pattern of a group of words linked by meaning	
11	dialogue (n)	A conversation between two or more people	
12	in medias res (n)	Beginning in the middle of things	Exposition
13	quintain (n)	A stanza of five lines of poetry linked through a regular rhyme pattern	
14	iambic tetrameter (n)	Meter in poetry consisting of four iambic feet	
15	listing (n)	Grouping ideas in lists to add emphasis	
В	Literary Methods	Definition	Linked Words
1	hyperbole (n)	Overstatement or exaggeration to magnify the importance of something	hyperbolic (adj)
2	symbolism (n)	The use of objects to represent an idea	symbolic (adj) / symbol (n)
3	allusion (n)	A reference to something	allude (v)
4	motif (n)	Any repeated idea, theme or image with symbolic significance in the text	

5	characterisation (n)	The description of the features or qualities of someone in order to create a fictional character	
6	characteristic (n)	A feature or quality of a particular person	
7	direct speech (n)	When something is being repeated exactly as it was said, usually in between a pair of inverted commas	
8	irony (n)	The use of words that mean the opposite of what is really meant in order to make a point	ironic (adj)
9	inclusive pronouns (n)	Pronouns used to make the audience/reader feel included, e.g. 'we' and 'our'	
10	direct address (n)	Speaking directly to the reader / audience by name or by saying 'you'	
11	rhetorical question (n)	A question which is asked in order to produce an effect or make a statement instead of gaining an answer for information	
С	Thematic Keywords	Definition	Linked Words
1	atmospheric (adj)	Creating a distinctive mood	atmosphere (n)
2	uncanny (adj)	Strange or mysterious, especially in an unsettling way	
3	eerie (adj)	Strange and frightening	
4	supernatural (n)	A manifestation or event attributed to some force beyond scientific understanding or the laws of nature	
5	superstition (n)	A widely held but irrational belief in supernatural influences, especially as leading to good or bad luck	superstitious (adj)
6	oppressive (adj)	Weighing heavily on the mind or spirits	oppression (n)
7	prodigious (adj)	Unnatural or abnormal	
8	malignant (adj)	Evil in nature or effect; malevolent	
9	hysteria (n)	Exaggerated or uncontrollable emotion or excitement	hysterical (adj)
10	repulsion (n)	A feeling of intense distaste or disgust	repulsive (adj)
11	macabre (adj)	Used to describe something that is strange or disturbing as it is connected with death or gruesome acts	
12	terror (n)	Extreme fear	

### Year 9 French - Cycle 3

1. F	Position	4. Rou	tines	8. Qu	antity	9.	Time	11. Nur	nbers
Loin	Far	Se réveiller	To wake up	Presque	Almost	Fois	Time	Un	One
Dans	In	Se lever	To get up	Trop	Too much	Tôt	Early	Deux	Two
Devant	In front	Se doucher	To shower	Sans	Without	Tard	Late	Trois	Three
Proche	Near	Se coiffer	To do hair	Sauf	Except	Le soir	The evening	Quatre	Four
A côté de	Next to	Se brosser	To brush	Moins	Less	L'hiver	Winter	Cinq	Five
Derrière	Behind	Se maquiller	To put make up	Plus	More	L'été	Summer	Six	Six
Proche	Near	S'ennuyer	To get bored	Un peu	A little	Le printemps	Spring	Sept	Seven
Près	Near	Se coucher	To go to bed	Un peu près	About	Le matin	The morning	Huit	Eight
A gauche	To the left	Se raser	To shave	Certaines	Some	L'après midi	The afternoon	Neuf	Nine
A droite	To the right	S'habiller	To get dressed	Seulement	Only	10. Ac	djectives	Dix	Ten
2. Reflexi	ve - Infinitive	Se dépêcher	To hurry	Seule	Only / alone	Mal éduqué	Not educated	Onze	Eleven
S'entendre	To get on	5. Conjugated	d Reflexives	Assez	Quite	Menteur	Liar	Douze	Twelve
Se disputer	To argue	Je me dispute	I argue	Plutôt	Rather	Le meilleur	Best	Treize	Thirteen
S'aimer	To love eachother	On s'aime	We love each other	Plusieurs	Many	Fidel	Loyal	Quatorze	Fourteen
S'énerver	To annoy	Il m'énerve	He annoys me	Rien	Nothing	Fou	Crazy(m)	Quinze	Fifteen
S'embêter	To irriate	Elle m'embête	She irritates me	Guère	Hardly	Folle	Crazy (f)	Seize	Sixteen
Se séparer	To separate	6. Reflexi	ve Past	Le moindre	The least	Gentil	Kind	Dix-sept	Seventeen
Se marier	To marry	Ils se sont séparés	They separated	Personne	No one	Patient	Patient	Vingt	Twenty
Se moquer	To make fun	Il s'est marié	He got married	Tout / tous	All	Sincère	Sincere	Trente	Thirty
3. Ques	tion Words	Il s'est moqué de moi	He made fun of me	Tout le monde	Everyone	Timide	Shy	Quarante	Forty
Où?	Where ?	7. Relations	hip Status	9. T	me	Pénible	Unbearable	Soixante-dix	Seventy
Qu'est- ce que?	What do?	Je suis	I am	Le lendemain	The next day	Barbant	Boring	Quatre-vingt	Eighty
Est-ce-que?	Do ?	Marié	Married	II y a	Ago	Ennuyeux	Boring	Quatre-vingt- dix	Ninety
Quel ?	What is?	Divorcé	Divorced	Depuis	Since	Drôle	Funny	Cent	One hundred
Quand?	When?	En couple	In a relationship	L'aube	Dawn	Sympa	Nice	Mille	One thousand
Combien?	How much?	Célibataire	Single	Lorsque	When	Généreux	Generous	Un million	One million
Comment?	How?	Amoureux	In love	Quand	When	Méchant	Nasty		

### Geographical Challenges

# **Y9** Geography

$C_{V}$	cle	2
Cy	CIC	- 3

A	What can geography tell us about why Trump has come to power?	
1	Donald Trump	The current president of the USA
2	Hillary Clinton	The opposing candidate to Trump in the 2016 presidential election
3	Popularism	A political approach which strives to appeal to ordinary people
4	Globalisation	The process of businesses operating on an international scale
5	Unemployment	People who are not in work or full-time education
6	Immigration	The action of coming to live permanently in a foreign country
7	Secondary Sector	The sector of the economy which involves manufacturing
8	Rust Belt States	A group of states in America which experienced industrial decline from the 80s
9	Industrial Decline	The process of manufacturing jobs going into decline
10	Gerrymandering	The process of changing the geography (size and shape) of political boundaries

В		Are natural disasters entirely natural?	
1		latural Disasters	A natural event such as a flood, earthquake, or hurricane that causes great damage
2		atmospheric Circulation	Large-scale movements of air which redistribute heat around the world
3		ropical Cyclones	A low pressure storm formed over tropical oceans
4	S	torm Surges	A rising of the sea as a result of storms
5		Coastal Hooding	Flooding found at the coastline
6	ŀ	lurricanes	The name given to tropical storms in the USA and Caribbean
7	C	Coriolis Effect	A rotational force in the atmosphere which causes tropical storms to rotate
8		Hurricane Katrina	A devastating storm that hit the area of New Orleans, USA, on 25 <sup>th</sup> of August 2005
9	George W. The President of the USA wh Bush Hurricane Katrina struck		The President of the USA when Hurricane Katrina struck
10 Social Impact			1,800 died     three million without electricity
11 Economic Impact			\$300 billion of damage     oil platforms were     destroyed

С	What is the future of energy?		
1	Abiotic Resources	These are non-living resources such as oil	
2	Biotic Resources	These are living resources such as animals and plants	
3	Renewable Resources	These are resources which can be replaced naturally	
4	Non Renewable Resources	These are resources which cannot be replaced once it has been used	
5	Pollution	The release of harmful substances into the environment	
6	Fossil Fuels	A fuel such as gas and oil, formed from the remains of living organisms	
7	Wind Energy	Energy obtained from using the wind	
8	Hydro-electric Power	Energy obtained from turbines placed in rivers	
9	Solar Power	Energy obtained by using the energy from the sun	
10	Nuclear Energy	Energy obtained through nuclear material	
11	Sustainability	Meeting the needs of today and protecting the environment and resources of the future	
12	Carbon Footprint	The amount of carbon dioxide released from one individual or organisation	

### Year 9 History | Cycle 3 – 20<sup>th</sup> Century Warfare

0. The 'Great War'	<ul> <li>name originally given to World War One</li> <li>lasted from 1914-1918</li> <li>a global conflict involving the main European powers and their empires</li> <li>many believed it would be "over by Christmas"</li> </ul>		
Box 2 - L	ong-term Causes of World War One		
1. Napoleonic Wars	<ul> <li>lasted from 1803-1815</li> <li>led by Napoleon (leader of France)</li> <li>Fought against Britain and other European countries</li> <li>Prussia became dominant power</li> <li>conscription used for the first time</li> <li>conscription = being forced by law to join the army</li> </ul>		
2. American Civil War	<ul> <li>lasted from 1861-1865</li> <li>new technology emerged that would be used during the Great War</li> <li>use of artillery, rifles, and railway supply lines</li> <li>trench warfare used for the first time</li> <li>concept of Total War – removing the enemy's economic base</li> </ul>		
3. Franco- Prussian War	<ul> <li>lasted from 1870-1871</li> <li>Prussians united with German states to form Germany In 1871</li> <li>railways used to move soldiers around quickly</li> <li>quick defeat of the French led to overconfidence by the Prussians</li> </ul>		
4. Alliances	<ul> <li>a group of countries who promise to support and protect each other in the event of war</li> <li>triple alliance included Germany, Italy and Austria-Hungary</li> <li>triple Entente included Great Britain, France and Russia</li> </ul>		
5. Militarism	<ul> <li>belief that a country should build and maintain a strong military capability</li> <li>Germany and Britain competed against each other for the largest Navy</li> </ul>		

Box 1 - World War One

6. Imperialism	•	process of colonising (taking over) other nations for economic power Africa was an area of competition for Britain, France, Germany and other European nations linked to nationalism
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Box 3 - Short-term Causes of World War One		
7. Moroccan Crisis	<ul> <li>took place in 1905 and again in 1911</li> <li>Germany attempted to protect Morocco's independence from France (they did not want it to be colonised by France)</li> <li>Britain and France became suspicious of Germany</li> </ul>	
8. Bosnian Crisis	<ul> <li>1908</li> <li>Germany supported Austria-Hungary's annexation (takeover) of Bosnia and Herzegovina</li> <li>Serbia were very close to Bosnia and Herzegovina and were angered by this takeover</li> <li>Russia tried to defend its ally Serbia, but failed</li> </ul>	
9. Assassination of Franz Ferdinand	<ul> <li>June 1914</li> <li>the Archduke Franz Ferdinand was the heir to the throne of Austria-Hungary</li> <li>Franz Ferdinand visited Bosnia and Herzegovina with his wife</li> <li>Franz Ferdinand and his wife were assassinated by Gavrilo Princip, a Serbian man</li> <li>Gavrilo Princip was protesting for the freedom of Bosnia and Herzegovina from Austria-Hungary</li> </ul>	
10. Schlieffen Plan	<ul> <li>Alfred von Schlieffen's plan to invade France</li> <li>began in 1897 and revised in 1906 by Germany</li> <li>plan was to enter France through Belgium</li> <li>Britain sent soldiers to defend Belgium and France</li> </ul>	

Box 4 - The Cold War		
11. Cold War	<ul> <li>a type of war when two countries are hostile (aggressive) towards each other but do not directly fight</li> <li>the Cold War was between the USA &amp; USSR</li> </ul>	

12. Causes of the Cold War	<ul> <li>USA feared the spread of communism in Europe and an attack from USSR</li> <li>USSR disliked capitalism</li> <li>USA and USSR disagreed about how Germany should be controlled after WW2</li> <li>USA refused to share secrets about nuclear weapons</li> </ul>
13. Cuban Missile Crisis	<ul> <li>October 1962</li> <li>a critical moment in the Cold War</li> <li>USA placed missiles in Turkey pointing towards the USSR</li> <li>USSR placed missiles on island of Cuba pointing towards USA</li> <li>tense 13-day negotiations took place</li> <li>both countries removed their missiles</li> </ul>

Box 5 - Key Terms		
14. Nationalism	<ul> <li>support for one's own country and the dislike of other countries</li> <li>linked to militarism and imperialism</li> </ul>	
15. Arms Race	<ul> <li>competition between different countries to have the best military forces</li> <li>linked to militarism</li> </ul>	
16. Short-Term Cause	factors / causes which happen shortly before an event takes place	
17. Long-Term Cause	factors / causes that build up over a long period of time before an event takes place	
18. Trigger Cause	a factor / cause which takes place right before an event that 'sparks' or 'triggers' it to take place	
19. Communism	a political system where everything is owned by the state and wgalth is shared equally	

### Maths Knowledge Organiser Year 9 Cycle 3

A: Index Laws	
$a^m \times a^n$	$a^{m+n}$
$a^m \div a^n$	$a^{m-n}$
$(a^m)^n$	$a^{mn}$
$a^0$	1
$a^{-1}$	$\frac{1}{a}$
$a^{-n}$	$\frac{1}{a^n}$
$a^{\frac{1}{n}}$	$\sqrt[n]{a}$

ļ.		
<b>B</b> : Pythagoras' Theorem		
Hypotenuse	The longest side, opposite the right angle (c in Pythagoras' theorem)	
Pythagoras' Theorem	$a^2 + b^2 = c^2$	
Labelled Triangle	Hypotenuse c b	

C: Transformations	
Rotation	Angle Direction Centre of rotation
Reflection	Line of symmetry
Translation	Vector
Enlargement	Scale Factor Centre of enlargement

<b>D</b> : Probability		
Probability	Number of successful outcomes  Total number of possible outcomes	
P(A)	Probability of event A	
P(not A) / P(A')	1-P(A)	
Predicted Number of Outcomes	Probability × number of trials	
P(A <b>and</b> B)	$P(A) \times P(B)$	
P(A or B)	P(A) + P(B)	
Experimental Probability	Frequency of event Total frequency	

E: Averages and Range		
Mean	Add the numbers up and divide by how many numbers there are	
Median	Write the numbers in order and find the middle number	
Mode	The most common number	
Range	Biggest number – smallest number	

F: Venn Diagrams		
ξ	Universal set	A B
$A \cap B$	A intersect B  A and B	A B
$A \cup B$	A union B A or B	A B
A'	Complement of A  Not A	A B

### **Year 9 Music – Knowledge Organiser – Cycle 3 – Ensemble Performance**

1. Cycle 3 Keywords		
Ensemble	A musical group	
Notation	Written music	
Tablature	A way of writing music down using numbers, most commonly used with the guitar	
Count-in	A way of setting a steady pulse and ensuring everybody starts at the same time	
Tuning	A set of pitches to which an instrument is tuned	
Balance	The relative volume level of two or more instruments playing together in an ensemble	
Technique	The way you play an instrument or sing in order to get the best quality performance	
Musical Communication	Any method which musicians can use to communicate during an ensemble performance without speaking, e.g. eye contact, foot tapping, body language	

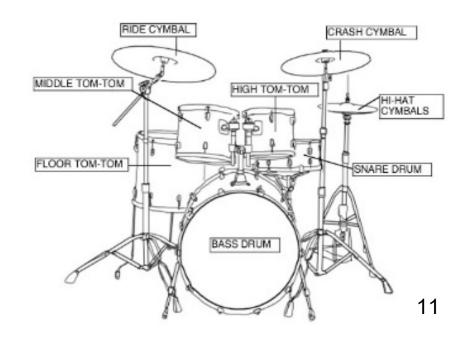
2. Musical Equipment Used in Ensemble Work		
Plectrum / Pick	A small piece of plastic used to pluck the strings of a guitar	
Amplifier	A piece of electronic equipment used to amplify (make louder) an electric guitar	
Guitar Lead	A wire used to connect an electric guitar to an amplifier	

3. Social Skills Required for Successful Ensemble Rehearsal and Performance		
Rapport	Having the ability to work well with others in order to develop a successful ensemble performance	
Resilience	The ability to keep working at a task, no matter how challenging	
Team Work	Excellent team working skills are needed to produce a successful ensemble performance	

4. Musical Layers Found in Ensemble Performances	
Chord Sequence	A group of chords played repeatedly
Drum Beat	Any repeated musical phrase played on drums or a drum kit
Drum Fill	A short break in a drum beat where a new rhythm is played to signal the start of a new phrase

5.	5. Elements of Music for Ensemble Performance		
Pitch	How high or low sounds are		
Pulse	The constant beat running through a piece of music (aka beat or click)		
Metre	How pulses are grouped together, e.g. in 3s or 4s etc., noted on sheet music as a time signature		
Rhythm	The arrangement of sound as it moves through time		
Tempo	The speed of a piece of music		
Dynamics	The volume of music		
Timbre /	Used to describe the instrument or sound of the instrument		
Sonority			
Texture	The word used to describe the way layers of music relate to each other		
Harmony	The sound created by notes played together		
Structure	The word used to describe the order of sections in a song, e.g. verse		
	1, chorus 1, verse 2, etc.		
Style	The type of music, e.g. Rock, Jazz, Classical, Hip Hop, etc.		

### 6. Parts of a Drum Kit



# **RE Knowledge Organiser: Issues of Life and Death**

Se	Section 1: Key Concepts		
1	Afterlife	Life after death; the belief that existence continues after physical death	
2	Environmental Sustainability	Ensuring that the demands placed on natural resources can be met without stopping people, animals and plants living well, now and in the future	
3	Euthanasia	The act of killing or permitting the death of a person who is suffering from a serious illness	
4	Evolution	The process by which different living creatures have developed from earlier, less complex forms	
5	Abortion	When a pregnancy is ended so it does not result in the birth of a child	
6	Quality of Life	The extent to which life is meaningful and pleasurable	
7	Sanctity of Life	The belief that life is precious, or sacred	
8	Soul	The spiritual aspect of a being which connects someone to God. The soul is often regarded as non-physical and as living on after death	

Se	Section 2: The World		
1	Genesis	The creation story in the Bible; Muslims believe the same story	
2	Creationist	Believes the world was made in six actual days; they have a <b>literal</b> understanding of Genesis	
3	Big Bang	The scientific theory to explain the beginning of the universe	
4	Liberal	Some religious people take a liberal view about the creation of the world; they say stories in scripture should be understood <b>non-literally</b>	
5	Intelligent Design	William Paley and Michael Behe argue that the world is so complicated that someone must have designed it, i.e. God	
6	Illusion of Design	<b>Richard Dawkins</b> argues that evolution is the best way to explain how life came about. If there was a designer, who designed the designer?	
7	Dominion	To rule over nature	
8	Stewardship	To look after the Earth and care for it	
9	Khalifah	People who care for the world and rule it as God would wish	

Secti	Section 3: Sanctity of Life		
1	Medical Ethics	The process of deciding what is good and acceptable in medicine	
2	Attitudes to Sanctity of Life	Both Christians and Muslims argue life is sacred because it is made by God	
3	Conception	The union of the sperm and egg (when some say life begins)	
4	Pro-life	People who argue that abortion is always wrong	
5	Pro-choice	People who believe that every woman should be able to choose what happens with her body, including abortion	
6	Voluntary Euthanasia	When a person asks for help to die; usually due to a terminal illness	
7	Non- voluntary Euthanasia	Where a person cannot make a decision about whether they want to die, either because they are in a coma or they are too young to decide for themselves	
8	Active Euthanasia	When a person takes a specific course of action to end their own life	
9	Passive Euthanasia	When life-sustaining treatment is removed, for example a feeding tube or a respirator	
10	Living Wills	A legal document which says what a person wants to happen to them if they find themselves critically or terminally ill	
11	Hospice	A place where people with terminal illnesses can go to die with dignity. Focuses on relieving the symptoms of pain and does not try to cure a patient but make them as comfortable as possible	

Sect	Section 4: Death and the Afterlife						
1	Dualism	The belief that we are made of two separate parts: a physical body and spiritual soul					
2	Materialism	The view that nothing else exists apart from matter. All we have as human beings is a physical body, there is no soul					
3	Ensoulment	When the soul is believed to enter the body					
4	Heaven (Christianity) Janna (Islam)	A place regarded as the home of God where good people will go after death					
5	Hell (Christianity) Jahannan (Islam)	A place regarded as a spiritual realm of evil and suffering					
6	Purgatory (Roman Catholic)	A place of suffering where sinners are being cleansed before going to heaven					
7	Barzakh (Islam)	A place of waiting, after death, before Judgement Day comes					
8	Mahdi (Islam)	The 'guided one' who will appear on the Day of Judgement					
9	Funeral Rites	A ceremony held in connection with the burial of a dead person					
		13					

# Year 9 Knowledge Organiser: Issues of Relationships

Ke	Key Concepts					
1	Adultery	Voluntary sexual intercourse between a married person and a person who is not their spouse				
2	Divorce	To legally end a marriage				
3	Cohabitation	To live together in a sexual relationship without being married or in a civil partnership				
4	Commitment	A sense of dedication and obligation to something				
5	Contraception	Methods used to prevent a woman from becoming pregnant during or following sexual intercourse				
6	Gender Equality	People of all genders enjoying the same rights and opportunities in all aspects of their lives				
7	Responsibilities	Actions / duties you are expected to carry out				
8	Roles	Position, status or function of a person in society, as well as the characteristics and social behaviour expected of them				

Ту	Types of Family					
1	Nuclear	Most common; two parents and one or more children all living in the same house				
2	Extended	A number of adults and children who are related living in the same home, e.g. cousins, aunts, all living together and sharing in family roles				
3	Reconstituted	Some divorced adults remarrying or cohabiting and creating a new family, e.g. step children				
4	Single-parent	Where one parent raises the child alone				
5	Childless	Where a married or cohabiting couple are either unable to have children or decide not to; samesex couples are often a childless family				

Att	Attitudes to Marriage						
1	Humanist	Marriage is a significant part of human life and will have a ceremony but it will not be religious					
2	Christian	Marriage is a gift from God – a sacrament. The couple exchange vows to show their commitment to each other in front of God					
3	Muslim	Marriage is the basis of family life. All Muslims are encouraged to marry; they have a ceremony called the 'nikah'					

Att	Attitudes to Divorce					
1	Humanist	Divorce is best avoided but when needed it may be the best thing to do				
2	Christian (Catholic)	<ul> <li>does not recognise divorce</li> <li>"What God has joined together let no man separate."</li> <li>are allowed an annulment if the marriage was not legally valid</li> </ul>				
3	Christian (Protestant)	<ul> <li>divorce is best avoided, but can happen</li> <li>remarriage is permitted if suitable to all concerned</li> <li>no minister can be forced to conduct a marriage ceremony against their will</li> </ul>				
4	Muslim	<ul> <li>accepted as a last resort</li> <li>"Of all things permitted divorce is the most hated by Allah."</li> <li>couple must try to reconcile</li> <li>husband must state the marriage is over on three occasions</li> <li>couple then stays in the house but does not sleep together</li> <li>if they decide to divorce still the wife is given the final part of her dowry</li> </ul>				

# **RE - Issues of Relationships**

Sex	Sexual Relationships				
1	Chastity	Not having a sexual relationship until married			
2	Celibacy	When a person decides to never have a sexual relationship			
3	Promiscuity	Having a number of casual sexual relationships			
4	Fidelity	Two people being sexually faithful to each other			
5	Procreation	Reproduction (having children)			

Ger	Gender Equality					
1	Christians (Catholics)	<ul> <li>women can be a nun or 'sister'</li> <li>can support the church in administration</li> <li>women cannot be ordained (made a priest)</li> <li>men and women are equal but have different strengths and contributions to make</li> </ul>				
2	Christians (Anglicans)	<ul> <li>women can become ministers and lead Christians in worship</li> <li>the first female bishop was ordained in 2014</li> </ul>				
3	Muslims	<ul> <li>women cannot be imams and lead men in prayer</li> <li>some Sunni groups allow women to lead prayer if the congregation is made up of other women</li> <li>women are usually separated from men during worship</li> <li>in recent years there has been a push to have mixed-sex congregations</li> </ul>				

Cont	Contraception				
1	Christians (Protestants)	Believe in the use of different forms of contraception for family planning purposes			
2	Christians (Catholics)	<ul> <li>Thomas Aquinas Natural Law</li> <li>Aquinas says one of God's laws is the continuation of the species, therefore contraception is wrong as it goes against this rule</li> </ul>			
3	Muslim	Contraception is allowed if:  • it does not harm the body  • that it should only be used if both husband and wife want to use it			
4	Humanists	Contraception is permissible to help people enjoy their lives and limit the size of families			

Sam	Same-sex Relationships					
1	Christians (Quakers)	Allow same-sex marriage in the same way as heterosexual couples				
2	Christians (Roman Catholics)	Disagree with same-sex relationships, as same-sex relationships don't produce children and one of God's rules is to continue the species				
3	Christians (Anglicans)	Do not believe same-sex marriages should take place in church, however; there are some people in the Anglican church who disagree with this				
4	Muslims	<ul> <li>most Muslims believe homosexuality is wrong</li> <li>"You approach men with desire, instead of women. You are a transgressing people."</li> <li>there are Muslims who believe it is okay to have same-sex relationships and be Muslim, e.g. Imam Daayiee Abdullah</li> </ul>				

# 9 Science: Biological Systems

1	Skeleton	<ul> <li>protection of vital organs</li> <li>support</li> <li>making blood cells in the bone</li> </ul>			<ul> <li>breathing out</li> <li>diaphragm relaxes and moves down</li> <li>intercostal muscles relax</li> <li>ribcage move in and down</li> <li>pressure in thorax increases, volume</li> </ul>	19	Nucleus	Part of a cell that controls cell activity
	Functions marrow movement	marrow	10	Expiration				
2	Muscles	<ul> <li>are attached to bones with tendons</li> <li>muscle contracts causing the</li> </ul>			decreases	20	Chromosomes	Long lengths of DNA
		bone to move	11	Central Nervous	Consists of the brain and spinal cord			molecule made of genes that hold instructions
3	Antagonistic Muscle Pairs	<ul> <li>a pair of muscles that work against each other</li> <li>when one muscle contracts,</li> </ul>		System (CNS)		21	DNA	made of two strands twisted into a double
		the other relaxes  The movement of particles from	12	Receptor	Cells that detect stimuli, e.g. receptors in ears, eyes, nose, skin, tongue			helix
4	Diffusion	an area of high concentration to a low concentration	Sensory	Carries information as electrical	22	Gene	Section of DNA that codes for a particular protein	
	The Beerington.	<ul> <li>trachea, bronchi, bronchioles, alveoli</li> <li>lungs</li> <li>ribcage</li> <li>diaphragm</li> </ul>	13	Neurones impulses from the receptor to the CNS		Crick and	Coloration that Continuity	
5	5 The Respiratory System		14			23	Watson	Scientists that first built a model of DNA
6	Gas Exchange	<ul> <li>oxygen diffuses out of the alveoli into the blood stream</li> <li>carbon dioxide diffuses out of the blood into the alveoli</li> </ul>	15	Effectors	<ul><li>respond to electrical impulses</li><li>can be a muscle or a gland</li></ul>	24	Wilkins and Franklin	Provided the data that helped the model of DNA to be developed
7	Lung Adaptations	moist     good blood supply     alveoli, which give a large     surface area	16	Respiration	A chemical reaction that creates energy	25	Inheritance	Inheriting genes from parents that determine our characteristics
8	Ventilation	The process of breathing in and out		Aerobic	chemical reaction that uses glucose and oxygen, convertes it into water	26	Characteristics	The features that we have, e.g. eye colour or an inherited
	9 Inspiration	breathing in     diaphragm contracts and moves down     intercostal muscles contract     ribcage moves up and out	17	Respiration	<ul><li>and carbon dioxide</li><li>glucose + oxygen -&gt; carbon dioxide + water</li></ul>		3.13.13.13.13	disorder
9			18	Anaerobic Reaction	<ul> <li>respiration in the absence of oxygen</li> <li>glucose -&gt; lactic acid</li> </ul>	27	Drug	A chemical that affects how the body works

# 9 Science: Matter

1	Solids	<ul> <li>particles in fixed, regular arrangement</li> <li>strong forces of attraction</li> <li>particles vibrate in a fixed position</li> </ul>
2	Liquids	<ul> <li>particles close together, but can move past each other</li> <li>irregular arrangement</li> <li>weaker forces of attraction</li> <li>random movement</li> <li>can't be compressed significantly</li> </ul>
3	Gases	<ul> <li>no forces of attraction between particles in ideal gases</li> <li>random movement</li> <li>more energy than solids / liquids</li> </ul>
4	Pressure	Can be calculated: pressure = force / area (Pa) (N) (m²)
5	Gas Pressure	<ul> <li>caused by gas particles hitting the insides of a container</li> <li>each collision exerts a force; this builds pressure</li> </ul>
6	Density	A measure of how much material there is in a given space
7	High Density	More matter in a given space, e.g. brick
8	Low Density	Less matter in a given space, e.g. polystyrene
9	Density Equation	Density = mass / volume kg/m³ kg m³

10	Changes of State	Changing from solid to liquid to gas or back the other way
11	Freezing	Liquid to solid
12	Melting	Solid to liquid
13	Sublimation	Solid directly changes to gas and skips the liquid stage
14	Evaporation	Liquid to gas
15	Condensation	Gas to liquid
16	Internal Energy	<ul> <li>energy stored by particles</li> <li>in an ideal gas, the internal energy is the sum of the kinetic energies of the particles</li> </ul>
17	Latent Heat	The heat required to change state without changing the temperature
18	Specific Heat Capacity	The heat required to raise the temperature of 1g of substance by one degree Celsius

### 19 Finding the Density of a Solid Object

- 1. Use a balance to measure the mass
- 2. If it is a regular solid, measure the length, width and height
- 3. Calculate the volume using the formula
- 4. For an irregular shape, you can find the volume by submerging it in a eureka can filled with water
- 5. The water displaced by the object will be transferred to the measuring cylinder
- 6. Record the volume of water. This is the volume of the object
- 7. Use the density equation

### 20 Finding the Density of a Liquid

- 1. Place a measuring cylinder on a balance and zero it
- 2. Pour 10ml of liquid in the cylinder and record the mass
- 3. Pour another 10ml in the measuring cylinder and measure the mass
- 4. Record the total volume and mass each time
- 5. For each measurement, use the formula to calculate the density
- 6. Finally take an average of your calculated densities

17

# **Working Scientifically**

A) T	) Terminology					
1	Independent variable	What you are investigating / changing in the investigation				
2	Dependent variable	What you will measure in the investigation				
3	Control variables	What you will keep the same				
4	Hazard	Something that could cause harm				
5	Example hazards	Microorganisms, electricity, chemicals, fire				
6	Risk	The chance that a hazard could cause harm				
7	Repeatable	If the same person does the experiment again and gets similar results				
8	Reproducible	If someone else does the experiment and gets similar results				
9	Valid	Results that have been collected from a fair test				
10	Accurate results	Results that are close to the true value				
11	Precise results	Results that are close to mean of the repeated results				

B) (	B) Unit Conversions						
1	km → m	× 1000					
2	m → cm	× 100					
3	cm → mm	× 10					
4	mm → micrometre (μ)	× 1000					
5	micrometre $(\mu) \rightarrow$ nanometre $(nm)$	× 1000					
6	mega → kilo	× 1000					
7	giga → mega	× 1000					

C) (	C) Comparing units					
1	Mega (M)	1 000 000 times bigger than base unit				
2	Kilo (k)	1000 times bigger				
3	Deci (d)	10 times smaller				
4	Centi (c)	100 times smaller				
5	Milli (m)	1000 times smaller				
6	Micro (μ) 1 000 000 times smaller					

D)	D) Scientific equations					
1	Equations	Show relationships between variables				
2	The subject of an equation	The variable by itself on one side of the equals sign				
3	Changing the subject of an equation	Do the same thing to both sides of the equation until you have the subject you want				

**Example: changing the subject of an equation** 

speed = distance / time

**Aim:** To make distance the subject.

a) Multiply both sides by time:

speed x time = distance x time / time

b) Time is now on the top and bottom of the fraction, so it cancels out:

speed x time = distance x time / time

c) This leaves distance as the subject:

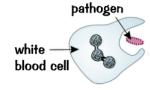
distance = speed x time

# **Biology Topic 3: Diseases and Infections** (Paper 1)

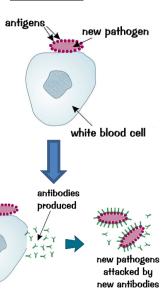
1	Pathogen	Micro-organism that causes disease	
2	Bacteria	Make toxins that damage cells	
3	Salmonella	Caught by eating food that contains bacteria. Bacteria make toxins that cause fever, stomach cramps and vomiting	
4	Bacteria that spread through unprotected sex. 0 genital discharge. Some strains of the bacteria a resistant to antibiotics		
5	Viruses	Replicate inside your cells – the damage this causes makes you ill	
6	Measles	Virus spread in the droplets released when a person coughs or sneezes. Causes fever and red rash as well as sometimes serious complications	
7	Virus spread through unprotected sex and drug use.  HIV Attacks the immune system, leading to AIDS. Treated vantiretroviral drugs		
8	Tobacco Mosaic Virus	A viral disease of plants that discolours leaves, preventing photosynthesis	
9	Fungi	Form thread-like arms called hyphae, which penetrate defences. Spread by making spores	
10	Rose Black Spot	Fungus that spreads between roses through wind or water, causing leaf spots that prevent photosynthesis	
11	Protists	Single-celled eukaryotes – often carried by another animal that spreads the disease (called a vector)	
12	Malaria	Caused by a protest, which is spread by mosquitoes. Causes potentially fatal fever	
13	Infected Water	A way that disease can be spread, e.g. cholera	
14	Airborne	A way that disease can be spread, e.g. by breathing in droplets produced when a person infected with influenza coughs / sneezes	
15	Direct Contact	A way that disease can be spread, e.g. touching a floor infected with athlete's foot fungus or having unprotected sex with someone with gonorrhoea	

16	Preventing Transmission of Disease	<ul> <li>good hygiene, e.g. washing hands with antibacterial hand wash</li> <li>isolating people with the disease</li> <li>destroying vectors</li> </ul>		
17	Physical Defences	<ul> <li>skin acts as a barrier</li> <li>saliva and tears contain antibacterial enzymes</li> <li>mucus traps microbes, which are swept out by cilia</li> <li>stomach acid kills pathogens</li> </ul>		
18	Painkillers	Drugs that relieve symptoms, but don't cure the disease, e.g. aspirin		
19	Antibiotics	<ul> <li>medicines that kill <u>bacteria</u>, but <u>NOT viruses</u></li> <li>some bacteria have mutated to become resistant to antibiotics, e.g. MRSA</li> </ul>		
20	Phagocytosis	When white blood cells destroy pathogens by engulfing them		
21	Antibodies	Produced by white blood cells to destroy pathogens		
22	Antitoxins	Produced by white blood cells to neutralise toxins		
23	Immune	If you're infected by the same pathogen again, the body quickly produces antibodies to kill the pathogen before it makes you ill		
24	Vaccines	Contain <u>dead/weakened pathogens</u> . The body recognises their antigens and you become immune – but the weakened pathogens don't make you ill		
25	Preclinical Trials	Drugs are tested on human cells and animals in the lab to check if they are poisonous		
26	Clinical Trials	<ul> <li>phase 1: test low doses on healthy volunteers to check for side effects</li> <li>phase 2: test on patients, comparing the effect of a placebo versus the drug</li> </ul>		
27	Double Blind Trial	The effect of a new drug is compared with a placebo (fake drug) to see if the drug works. Neither the doctor nor the patient knows who has been given the placebo		
28	Peer Review	When the results of scientific studies are checked by other scientists to ensure they are of high quality		

### Phagocytosis:



# Production of Antibodies:



### **Physical Defences:**



	Knowledge Organiser Physics Topic 2 – Electricity								
Charge, Current, Resistance, Potential Difference				Difference	En	Energy in Circuits			
1	Charge (Coulor		Electrons are transferred when objects become charged		1	Power	Power (Watts) = Current (Amps) x Potential Difference (V) = Potential Difference (Volts)		
2	Current (Amps	•	<ul> <li>the rate of flow of electric charge</li> <li>measured using an ammeter connected in series</li> </ul>		2	Resistance	When current passes through a resistor, the power		
3	Resistance (Oh	ıms) .				Heating	supplied to the resistor heats it		
		•	<ul> <li>Current (Amps)</li> <li>electrons have to push their way through vibrating atoms in the metal</li> </ul>		3	Fuses	A fuse contains a thin wire which will break if too much current passes through it		
4	Potential Diffe (Volts)	rence •	<ul> <li>energy transferred per coulomb of charge</li> <li>= Energy Transferred (J)         Charge (Coulombs)</li> <li>measured using a voltmeter connected in parallel</li> </ul>		4	Energy Transfer	= Charge (Coulombs) x Potential Difference (Volts) = Power (Watts) x time (seconds) = Potential Difference (V) x Current (A) x time (s)		
Co	mponent Characte	ristics			5	Efficiency	$= \frac{Output\ Power\ (W)}{Input\ Power\ (W)}\ x\ 100$		
1	Ohms Law	Carrent		Current through a resistor at a constant temperature is directly			Input Power (W)		
			The state of the s	proportional to the potential difference across a resistor. A	Na	National Grid			
			conductor which obeys this rule is described as an ohmic conductor		1	Direct Current	Current goes in one direction only		
2	Filament Lamp	Correct		Current is not directly proportional to potential difference. The resistance increases as the temperature of the filament lamp	2	Alternating Current	Repeatedly reverses its direction. Its frequency is the number of cycles per second		
			increases		3	Mains Circuit	Has a live wire and a neutral wire, an alternating potential difference occurs between the two wires		
3	Diode	. Certreil	Only allows current to pass through it in one direction, this stops a circuit being damaged if the battery is connected the wrong way	4	National Grid	A nationwide network of cables and transformers transferring electricity from power stations to homes			
				5	Step Up Transformer	Used at a power station to increase voltage and decrease current so less power is lost heating cables			
4	LDR	The resist	tance	of a light dependent resistor decreases if light intensity increases			Used at homes to decrease voltage so it is safe to use		
6	Thermistor	The resist	tance	of a thermistor decreases if temperature increases	6	Step Down Transformer			
Ser	Series and Parallel Circuits			Ci	rcuit Symbols				
1	Series Circuit Rules		• 0	potential difference is shared between the components current is the same everywhere otal resistance = $R_1 + R_2 +$	F	ilament Lamp	Cell Switch Ammeter		
2	Parallel Circuit Rules		• t	or components in parallel, the potential difference across each omponent is the same otal current is the sum of the currents through separate branches he total resistance of two components in parallel is less than the esistance of the resistor with the least resistance	_	Resistor	Variable Resistor  Light Emitting  Diode  Diode  20 Voltmeter		

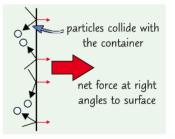
# **Physics Topic 3: Particles**

### (Paper 1)

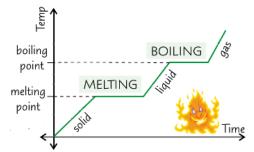
1	Particle	<ul> <li>all matter is made up of tiny particles</li> <li>there are three states of matter: solid, liquid, and gas</li> </ul>	13	Changes to Particles when Substances Condense	<ul> <li>lose energy</li> <li>become much closer together</li> <li>stay randomly arranged</li> <li>stop moving quickly in all directions, and can only move</li> </ul>	
2	Solid	Particles are arranged in rows and are touching. The particles have strong bonds between them. They vibrate			around each other	
	888888	around a fixed position	14	Freezing	Change of state from liquid to solid	
3	Liquid	Particles are randomly arranged and most are touching. The particles have some bonds between them and can move	15	Changes to Particles when Substances	<ul> <li>lose energy</li> <li>stay close together</li> <li>become regularly arranged in rows</li> <li>stop moving around each other,</li> </ul>	
4	Gas	Particles are randomly arranged and don't touch. The particles have no bonds between them and move quickly in all		Freeze	and only vibrate on the spot	
	00000	directions	16	Gas Pressure	<ul> <li>particles collide with the sides of a container – creating pressure</li> </ul>	
5	Properties of Solids	fixed shape and cannot flow     cannot be compressed (squashed)			increases when temperature increases	
6	Properties of Liquids	they flow and take the shape of their container they cannot be compressed (squashed)	17	Density	<ul> <li>density = Mass         Volume</li> <li>density = kg/m³, Mass = kg, Volume         = m³</li> </ul>	
7	Properties of Gases	<ul> <li>they flow and completely fill their container</li> <li>they can be compressed (squashed)</li> </ul>	18	High Density	Particles tightly packed, e.g. solids	
8	Melting	Change of state from solid to liquid	19	Low Density	<ul> <li>particles loosely packed, e.g. gases</li> <li>could be compressed to become</li> </ul>	
9	Changes to Particles when Substances	<ul><li>gain energy</li><li>stay close together</li><li>arrangement becomes random</li></ul>			more dense	
	Melt	start to move around each other	20	Internal Energy	Total energy stored by particles in a system	
10	Evaporation	Change of state from liquid to gas	21	Latent Heat	energy being used for breaking	
11	Changes to Particles when Substances Evaporate	<ul> <li>gain energy</li> <li>become much further apart</li> <li>stay randomly arranged</li> <li>start to move quickly in all</li> </ul>			bonds between particles, so that it can change state  this energy doesn't raise the temperature	
12	Condensation	Change of state from gas to liquid	22	Specific Latent Heat of Fusion	Energy needed to change 1kg of a solid into a liquid without changing its temperature	

23	Density of a Regular Solid	<ul> <li>measure the sides using a ruler and the mass using scales</li> <li>find volume of the solid using the mathematical formula (e.g. length x width x height for a cuboid)</li> <li>use the density equation to work out density</li> </ul>
24	Density of an Irregular Solid	use scales to find the mass put the solid in a eureka can full of water and measure the volume displaced using a measuring cylinder use the density equation to work out density
25	Density of a Liquid	use scales to find the mass use a measuring cylinder to find the volume use the density equation to work out density

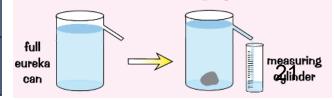
### How Gas Particles Create Pressure:



# <u>Temperature Remains the Same During a Change of State:</u>



### Finding the Volume of an Irregular Solid:



Year 9 Spanish – W	ork and Relationships	4) ¿Tienes un trabajo a tiempo parcial? Do you have a part-time job?		7) Relaciones con la familia	Relationships with Family
•	? What do your parents work as?	Plancho la ropa I iron the clothes		Me llevo bien con	I get on well with
Mi madre trabaja como	My mum works as	Paso la aspiradora	I hoover	Me enfado con	I get angry with
Cocinero	Chef	Hago de canguro	I babysit	Me peleo con	I fight with
Enfermero	Nurse	Trabajo de cajero	I work as a cashier	Me relaciono bien con	I get on well with
Azafata	Air hostess	Cocino y lavo los platos	I cook and wash the dishes	Discuto con	I argue with
Periodista	Journalist	Pongo y quito la mesa	I set and clear the table	Tenemos mucho en común	We have a lot in common
Bombero	Firefighter	Lo hago los sábados	I do it on Saturdays	Pasamos tiempo juntos	We spend time together
		Gano a la hora/ a la semana	I earn an hour / a week	Me critica	He / she criticises me
Abogado	Lawyer	5) ¿Cómo eres?	What are you like?	Me insulta	He / she insults me
Contable	Accountant	Amable	Kind	8) Los planes para el futuro	Plans for the Future
Albañil	Builder	Simpático(a) / antipático(a)	Nice / unpleasant	Casarse	To get married
Dependiente	Shop assistant	Alegre	Cheerful	El matrimonio	Marriage
Camarero Waiter			Affectionate	Una boda	A wedding
2) Tiene que + infinitive	He / she has to	Cariñoso(a)		Una pareja	A partner / couple
Oragnizar reuniones	Organise meetings	Comprensivo(a)	Understanding	Tener hijos	To have children
Contestar el teléfono	Answer the phone	Tacaño(a)	Mean	9) Ser (DOCTOR)	То Ве
Ayudar a la gente	Help people	Egoista	Selfish	Soy	lam
Cuidar a niños	Look after children	Molesto(a)	Annoying	Eres	You are
Escribir correos electrónicos	Write e-mails	Vago(a) / perezoso(a)	Lazy	Es	He / she / it is
Estar al aire libre	Be in the open air	Travieso(a)	Naughty	Somos	We are
Vender productos	Sell products	Educado(a)	Polite	Sois	You all are
3) Las ventajas y desventajas	The Advantages and Disadvantages	Leal	Loyal	Son	They are
Se puede + inf	You can	Fuerte	Strong	10) Estar (PLACE)	То Ве
Ganar un buen sueldo	To earn a good salary	Trabajador(a)	Hardworking	Estoy	l am
Trabajar en un equipo	To work in a team	6) Cuantificadores	Quantifiers	Estás	You are
Trabajar horas flexibles	To work flexible hours	Un poco	A little	Está	He / she / it is
Ayudar a otras personas	To help other people	Bastante	Quite	Estamos	We are
Es un trabajo duro	It's a hard job	Muy	Very	Estáis	You all are
Hay variedad	There is variety	Demasiado	Too / too much	Están	You all are They are