# 100% book - Year 9 Booster

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



# Term 4

Swindon	Academy 2024-25
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."



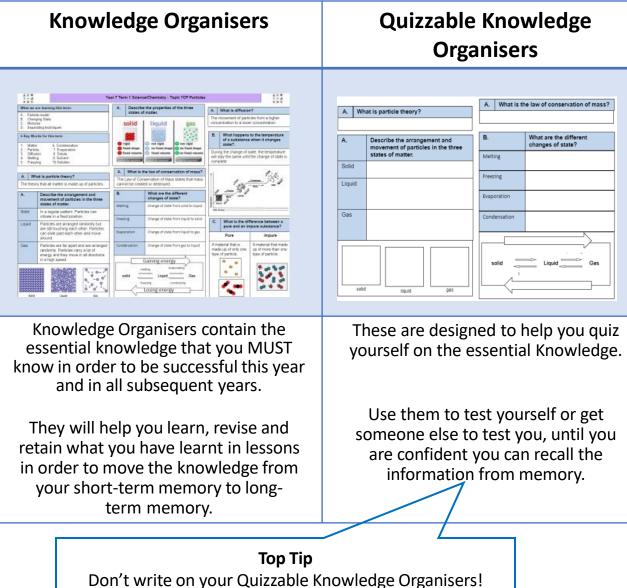








# Using your Knowledge Organiser and Quizzable Knowledge Organiser

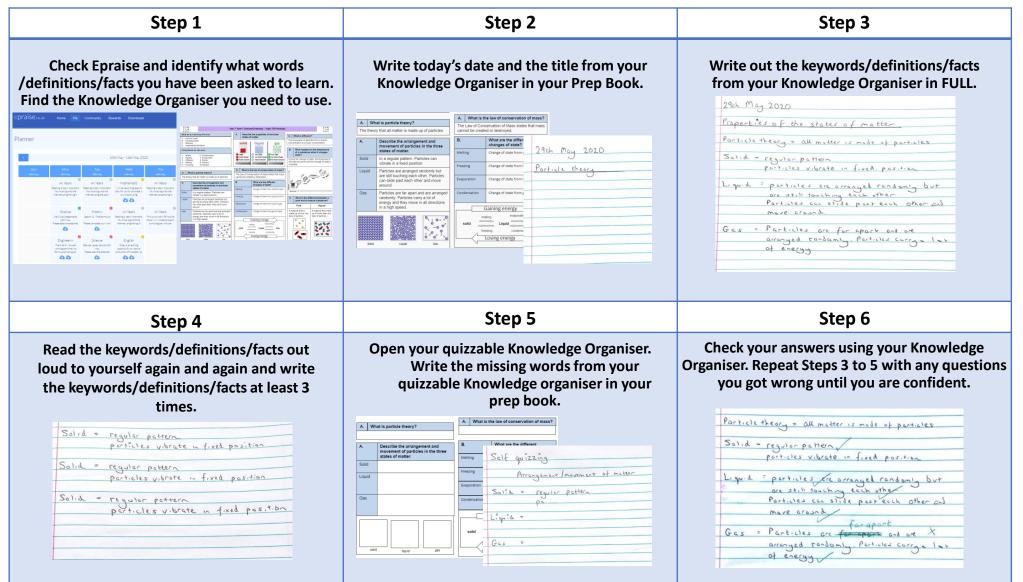


Quiz yourself by writing the missing words in your prep book. That way you can quiz yourself again and again!

# 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.

# <u>'Romeo and Juliet': T Knowledge Organiser</u>

Plo	breakdown	Characters	Vocabulary: Key words			
Р	<b>The Prologue</b> outlines the main conflict in the play and warns the audience of the tragic fate of Romeo and Juliet.	Romeo (Montague) Young man Falls in Jova with Juliat Kills himself	tragic – describes something as being very sad, or as part of a tragedy.			
1.1	The Montagues and Capulets fight in the streets of Verona. Prince Escales swears that any further fighting will be punished by death.	Young man. Falls in love with Juliet. Kills himself at the end of the play. "Did my heart love till now? forswear it, sight! For I ne'er saw true	submissive - ready to obey or conform to the authority or will of others			
1.2	Paris asks Lord Capulet about marring his daughter Juliet. Capulet tells Paris to wait as she is too young.	beauty till this night"; "Thus with a kiss I die"	narcistic – self-obsessed feud – a serious argument and sometimes violent argument between two people or groups that continues for a long time.			
1.3	Lady Capulet advises Juliet to agree to marry Paris.	Juliet (Capulet)				
1.5	At the Capulet's masked ball, Romeo sees Juliet and falls in love with her. They talk, kiss, and fall in love. As they depart, they learn they are from feuding families.	13-year old girl. Falls in love with Romeo. Kills herself at the end of the play. "Wherefore art thou Romeo? Deny thy father and refuse thy	shrine – a holy place that people go to pray. status quo – the situation that exists now, without any changes.			
2.2	In the balcony scene, Romeo and Juliet fall deeper in love. They agree to get married.	name"; "O happy dagger, This is thy sheath; there rust, and let me die"	<b>obstacle</b> – a problem that must be overcome. <b>vindictive</b> – vengeful			
2.3	Romeo asks Friar Lawrence to marry him and Juliet. Lawrence agrees, thinking it will unite the warring families.	Lord Capulet (Capulet)	patriarchy - a society in which power lies with men belligerent - warlike			
2.6	Friar Lawrence marries Romeo and Juliet.	Head of the Capulet family. Juliet's father. Orders her to marry his friend, Paris. "She will be	<b>exile (vb.)</b> – to force them from their home and live in another place.			
3.1	Montagues and Capulets fight in the streets. Tybalt kills Mercutio; Romeo kills Tybalt. Prince Escales decides to banish Romeo from Verona.	ruled In all respects by me" Paris (no family)	tenacious – very determined catastrophe – a terrible accident.			
3.4	Lord Capulet tells Paris that he can marry Juliet in three days' time.	Nobleman of Verona. Wants to marry Juliet.	stoicism – calm self control			
3.5	After their wedding night, Romeo leaves Juliet for the last time. They have a vision of the other's death. After Romeo leaves, Lord Capulet orders Juliet to marry Paris, threatening to disown her if she disobeys.	Killed by Romeo at the end of the play. Friar Lawrence (no family) Religious leader in Verona. Agrees to marry Romeo and Juliet, thinking it will bring peace to	Terminology: Key words Tragedy – a play in which the main character brings about their own downfall.			
<b>4</b> .1	Friar Lawrence comes up with a plan: Juliet must pretend to be dead and then escape Verona with Romeo. She agrees to the plan.	the city. "For this alliance may prove To turn your households' rancour to pure love"	<b>prologue</b> – the introduction to a book, film, or play. <b>sonnet</b> – a type of love poem. It has 14 lines, a strict rhyme scheme and			
5.3	Romeo does not learn of Friar Lawrence's plan. He sneaks back into Verona and visits Juliet's tomb. He thinks she is dead, and kills himself with poison. Moments later, Juliet wakes up. She finds Romeo's body and kills herself with his dagger. The two families	<b>Mercutio (Montague)</b> Romeo's friend. Killed by Tybalt. "A plague a'both your houses!"	10 syllables per line. dramatic irony – when the audience knows something that the character on stage does not Tragic hero – the main character in a Tragedy that makes an error of			
	agree to end their feud.	Prince Escales (no family)	judgement that leads to their downfall.			
	Big Ideas:	Ruler of Verona. Wants to bring peace to the city. "If ever you disturb our streets again, Your	<b>soliloquy</b> – a speech in a play where the character speaks to himself or herself.			
	of women: Juliet is powerless to make her own decisions.	lives shall pay the forfeit of the peace"	hyperbole – exaggeration.			
a po	is ruled by her father who eventually decides to marry her off to owerful man. She breaks the status quo when she defies her er and makes her own decisions.	Structure of Shakespearean	<b>tragic flaw -</b> a character has a tragic flaw when what makes them so special also brings about their downfall.			
	ution of Juliet's character: Juliet is a stereotypical Renaissance	tragedy (Bradley)	<b>foreshadow</b> – to show or warn that something bigger, worse, or more important is coming.			
dau	ophered and independent through her romance with Romeo.	<b>Exposition</b> Introduces the main characters and the obstacles they will overcome in the	<b>thesis</b> – the main idea that you want to discuss throughout an essay.			
	becomes a tragic hero by acting in pursuit of her own desires.	play.	Features of Shakespearean tragedy (Bradley)			
of 'h one	edy: A Shakespearean tragedy is the story of one or two heroes igh-status,' such as Kings or Lords. They act in pursuit of desire. The story leads up to and includes the death of the hero	<b>Rising tension</b> The heroes try to overcome the obstacles they face. They suffer.	The characters are ' <b>high-status</b> ' – they are important people. The tragic hero <b>acts</b> : they <b>try to do things</b> . They don't just let things happen to them.			
Fate	result of their actions. and destiny: Fate is the idea that the events of someone's life	Catastrophe The play ends with the deaths of the heroes.	Whatever they try to do, it always <b>puts them in a worse situation</b> .			
fate	not in their control. The <i>star-crossed</i> lovers suggests they were d for tragedy. This leads to many questions: Is the tragic ending itable? Do they act independently?		They are <b>exceptional</b> – there is something that makes them special.			

# <u>'Romeo and Juliet': T Knowledge Organiser</u>

P         Production culture to main	Plo	breakdown	Characters	Vocabulary: Key words
1         Ihe	Р	The Prologue outlines the mainin the play and the		tragic –
Image: Section is a bit of your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your open is justiced in the provide it is a bit open your ope	1.1	The and in theof	at the end of the "Did my heart love till now? forswear it, sight! For I ne'er	
Index         Index         Index         Index         Index         Index           13         Indy, ondvice, to ogne togne to ogne to ogne togne to ogne to ogne togne to og			, , ,	
13       Down       <		Paris to wait as she is too young.	Juliet (Capulet)	·
15       her. they	1.3		13-y girl. Falls in	shrine –
22       In the	1.5	her. They,, and fall in As they depart, they learn	the "Wherefore art thou Romeo? Deny	
Image: Second of the story			dagger, This is thy sheath; there rust, and let me	
2.3       invence.       thinking if will       the       Invested       find       Code Capuel (Copuel)         2.4       Fior       Romeo and       Fior       Code of the	2.2	to get	die"	
Image: the stand of the streets is street or many is then, they is the street or many is the street or many is the streets is street or many is the street or many is t		Romeo asks tohim and	Lord Capulat (Capulat)	
210       India	2.3	Lawrence, thinking it will the		
and       Ident in the streets.       Ident in the streets. <t< td=""><td>2.6</td><td>Friar Romeo and</td><td></td><td>exile (vd.) –</td></t<>	2.6	Friar Romeo and		exile (vd.) –
3.1      killsPrince Escales decides toTrom       Ports (no family)      Cotatrophe			Paris. "She will be ruled in all respects by me"	tenacious –
Verolation	3.1	kills Prince Escales decides to from	Paris (no family)	catastrophe –
34       imme.       Terminology: Key words         35       imme.       Tragedy -         36       inve a			of Verona. Wants to	stoicism –
3.5       have a	3.4	time.	Killed byat the end of the play.	
she	3.5	have aof the other's After Romeo leaves, Lord		Tragedy –
4.1       Friar Lawrence comes up with a			Romeo and Juliet, thinking it will bring	
and then	41	Friar Lawrence comes up with a: Juliet must to be		sonnet –
5.3     Verona and visits Juliet's He thinks she is and kills himself and kills With his dagger. The two agree to end their Trajec tero Trajec tero Trajec tero Nomens totart, Juliet wakes up. She finds Romeo's body and kills With his dagger. The two agree to end their To the city, "If ever you disturb our streets again, Your to versels again. Your thouses!"     Image a 'both your houses!"     Image a 'both your house!"     Image a 'both your houses!"     Image a 'both your house!"     Im			Mercutio (Montague)	dramatic irony –
and kills	5.3	Verona and visits Juliet's He thinks she is, and kills himself		Tragic hero –
The Big Ideas:       the city. "If ever you disturb our streets again, Your lives shall pay the forteit of the peace"       hyperbole –         Role of women: Juliet is		and kills with his dagger. The twoagree to end		soliloquy –
Role of women: Juliet is	The	Bia Ideas:		hyperbole –
off to aman. She breaks thewhen shemen shetragedy (Bradley)       foreshadow -        her father and makes her own decisions.       tragedy (Bradley)         Evolution of Juliet's character: Juliet is a stereotypical       Exposition        and independent through her romance with Romeo. She becomes a tragic hero byin pursuit of her own desires.       Exposition        and independent through her romance with Romeo. She becomes a tragic hero byin pursuit of her own desires.       Features of Shakespearean tragedy (Bradley)         Tragedy: A Shakespearean tragedy is the story of one or two heroes of the hero as a result of their' such as Kings or Lords. They act in pursuit of one the is the idea that theof a life are not in their control. Therorsed lovers suggests they were fated for this leads to many questions. Is the tragic ending inevitable? Do       Whatever they try to do, it always puts them in a worse situation.	Role	of women: Juliet isto make her own decisions.		
Evolution of Juliet's character: Juliet is a stereotypical       Exposition       thesis -         daughter at the, she is loyal and She becomes in pursuit of her own desires.       Exposition       Features of Shakespearean tragedy (Bradley)         becomes a tragic hero by in pursuit of her own desires.		o a man. She breaks the when she		foreshadow –
and independent through her romance with Romeo. She becomes a tragic hero by in pursuit of her own desires.   Iragedy: A Shakespearean tragedy is the story of one or two heroes of '' such as Kings or Lords. They act in pursuit of one they here at in pursuit of their The characters are '' - they are important people.   Iragedy: A Shakespearean tragedy is the story of one or two heroes of '' such as Kings or Lords. They act in pursuit of one The story leads up to and includes theof a life are not in their control. Thecrossed lovers suggests they were fated for This leads to many questions: Is the tragic ending inevitable? Do Image: Catastrophe:			Exposition	thesis –
becomes a tragic hero by in pursuit of her own desires.       The characters are '' – they are important         fragedy: A Shakespearean tragedy is the story of one or two heroes of '' such as Kings or Lords. They act in pursuit of one The story leads up to and includes theof       Development/Rising Action: people.         fragedy: A Shakespearean tragedy is the story of one or two heroes of ', 'such as Kings or Lords. They act in pursuit of one The story leads up to and includes theof       Development/Rising Action: people.         frage and destiny: Fate is the idea that theof a life are not in their control. Thecrossed lovers suggests they were fated for This leads to many questions: Is the tragic ending inevitable? Do       They are remember in the m	dau	ghter at the, she is loyal and She becomes and independent through her romance with Romeo. She	-	Features of Shakespearean tragedy (Bradley)
Image: Tragedy: A Shakespearean tragedy is the story of one or two heroes of ''' such as Kings or Lords. They act in pursuit of one' they try to dad sup to and includes theof the hero as a result of their       Development/Rising Action: people.	bec	omes a tragic hero by in pursuit of her own desires.		
Tragedy: A Shakespearean tragedy is the story of one or two heroes of '' such as Kings or Lords. They act in pursuit of one' they story leads up to and includes theof the hero as a result of their       The story leads up to and includes theof the hero as a result of their       The story leads up to and includes theof a life are not in their control. The       They are there is something that makes them			Development/Rising Action:	people.
of one The story leads up to and includes theof the hero as a result of their   Fate and destiny: Fate is the idea that theof a life are not in their control. Thecrossed lovers suggests they were fated for This leads to many questions: Is the tragic ending inevitable? Do Catastrophe:	Trag			The tragic hero: they <b>try to do</b> They don't
Fate and destiny: Fate is the idea that theof a life are not		ne The story leads up to and includes theof	Catastrophe:	
in their control. Thecrossed lovers suggests they were fated This leads to many questions: Is the tragic ending inevitable? Do This leads to many questions: Is the tragic ending inevitable? Do			-	They are there is compating that makes
	in the	eir control. Thecrossed lovers suggests they were fated		
they act?				

⊥ Ø \* □ ~ J \* & \*

# Year 9 Term 2 Science/Biology : Topic 9BB Biological Systems and Processes

⊥ Ø ∰ ↓ ∞ £ ★ \$ <del>8</del>

What we are learn	ing this term:	A. M	ovement and muscles					
A. Movement		What are the fol	What are the following:					
<ul><li>B. Breathing and</li><li>C. Effect of drugs</li></ul>		Ligaments	Bones are attached to each other by ligaments.					
	naerobic respiration	Muscles	A collection of tissues which can contract and relax, causing other body parts (including bones) to move.					
6 Key Words for th		Tendons	Muscles are attached to bones by <b>tend</b> a bone.	dons. They are a strong, flexible tissue attaching a muscle to				
<ol> <li>Chromosomes</li> <li>Exchange</li> <li>Anaerobic</li> </ol>	4. Respiration 5. Aerobically 6. Cilia	A. How doe	s the muscular system help us move?	A. How do your muscles move your bones?				
		This system allow muscles	ws us to move by <b>contracting</b> and <b>relaxing</b> ou	IT Muscles exert a <b>force</b> on bones to move them.				
A. What are th	ne 4 functions of the Skeletal System?	A. Wh	nat is Biomechanics?					
Movement, support, p	protection and making red blood cells	Biomechanics is	the working together of the skeletal system an	d the muscular system to help us move.				
	-	A What are antagonistic muscles?						
A Support – wł	nat is the main function of the spine?	In order to move bones in two directions (e.g. bending then stretching your arm), muscles are <b>paired antagonistically</b> (one						
The spine supports thupright.	ne upper body and allows us to stand	moves the bone in one direction, the other in the opposite direction).						
aprigna.		How do they wo	Contracted biceps muscle					
Protection - what is	the function of the following:		he forearm, the	Relaxed Contracted				
Ribcage	Protects the heart and lungs	biceps con triceps rel	ntracts and the axes.	biceps muscle triceps muscle				
Cranium (skull)	Protects the brain		the forearm again, s contracts and the	triceps muscle				
A Making blood blood cells?	d cells – what part of the bone makes	biceps rela						
Bone marrow product 1. Red blood cells 2. White blood ce	es: s (which transport $O_2$ and $CO_2$ ) IIs (some of which fight disease)	A. What is	Osteoporosis	A. What happens if you overstretch a tendon?				
	a cause blood clotting e.g. when we cut		a condition in which someone loses bone their bones fragile so they are more likely to	Over-stretching a tendon can cause it to snap. Tendons will <b>heal themselves</b> but become <b>shorter</b> in the process because the two severed ends <b>overlap</b> to heal, reducing flowibility.				
Why are bones hold	ow?	What are rickets	s?	flexibility				
Long bones in the bo bone is a <b>marrow ca</b> from which blood is p	dy are <b>hollow</b> – in the middle of the <b>vity</b> . The cavity contains <b>bone marrow</b> , roduced.	Rickets can be o vitamin D. Ricke can deform.	caused by a deficiency of <b>calcium</b> or ets causes bone pain, and soft bones which	What is Tendonitis?           As the body tries to heal a tendon, it will swell and become painful. This is called tendonitis, and includes tennis elbow.				

⊥ Ø ∰ ↓ ∞ £ ★ % <del>8</del>

# Term 4 Year 9 set 6 Science/Biology : Topic 9BB Biological Systems and Processes

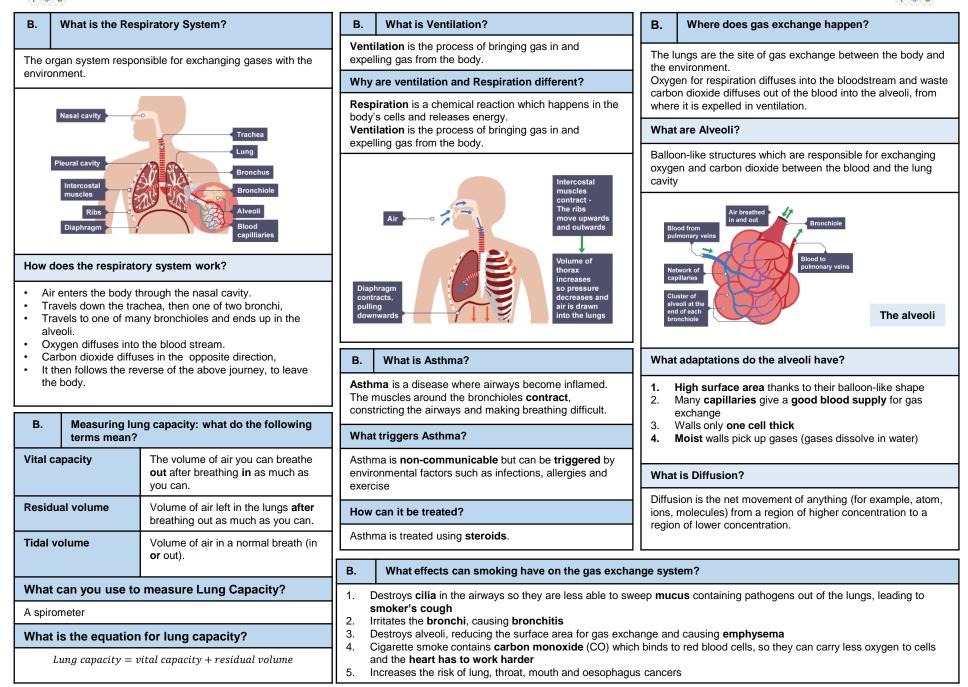
What we are learning this term:	A.	Movement and muscles
A. Movement	What are th	e following:
B. Breathing and Fitness C. Effect of drugs	Ligaments	
<ul><li>D. Aerobic and Anaerobic respiration</li><li>E. Reproduction and Heredity</li></ul>	Muscles	
C Kay Wards for this form	Tendons	
6 Key Words for this term		
1. 4. 2. 5.	A. How	does the muscular system help us move? A. How do your muscles move your bones?
3. 6.		
A. What are the 4 functions of the Skeletal System?	A.	What is Biomechanics?

			A	What are antagonistic	muscles?			
Α	Support – wh	at is the main function of the spine?		•				
	<u>.</u>							
			How do the	y work?	Contracted			
Prote	ection – what is	the function of the following:			biceps muscle			
Ribca	age						Relaxed biceps muscle	Contracted triceps muscle
Crani	ium (skull)				₩	Relaxed triceps muscle		
_							2	

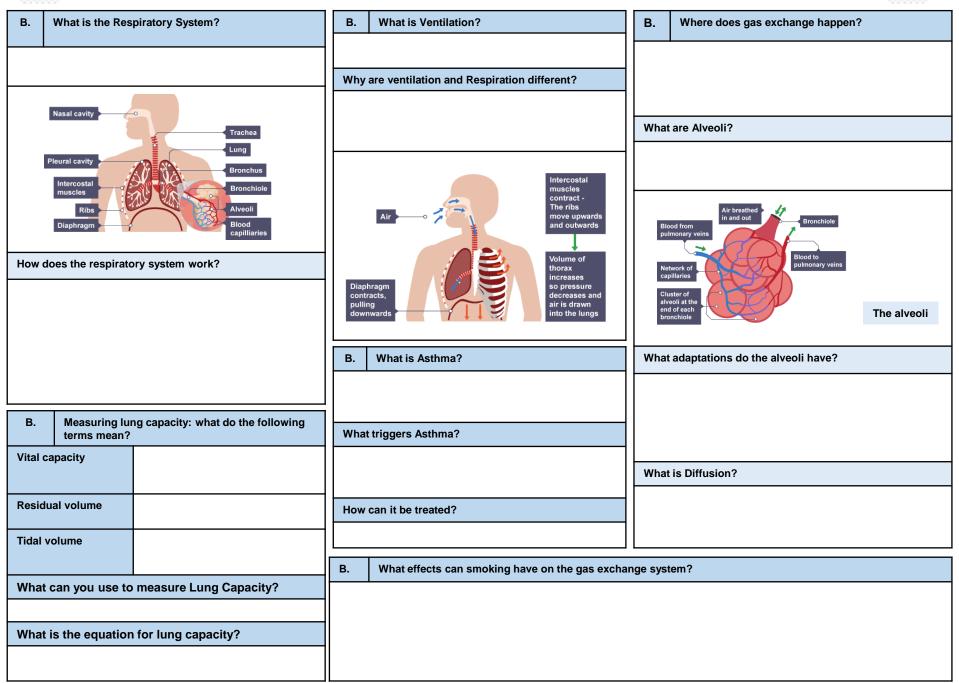
A	Making blood cells – what part of the bone makes blood cells?					
		Α.	What is Osteoporosis	А.	What happens if you overstretch a tendon?	
Why	y are bones hollow?	What	are rickets?	What	t is Tendonitis?	
				VVIId		



⊥ Ø ∰ ↓ ∞ £ ★ & <del>8</del> <del>%</del>



∐ @ ∰ ∏ ⊷~ £1 ★ \$\$ <del>%</del> ⊥ Ø ∰ ↓ ⊷ £ \* 88 <del>%</del>



4	Ø	۲
U	E-MC <sup>2</sup>	\$
*	28	*

⊥ Ø ∰ ↓ ∞ £ ★ ® <del>%</del>

B. What benefits come from	n regular exercise?	C.	What is a drug?						
Regular training has the following <ul> <li>Heart muscles are strengthen</li> </ul>		A drug i	s a substance that affects the way your body we	orks					
Cardiac output increases		C.	What are the 2 types of recreational drugs, an	nd what effect do they have on the body?					
Resting heart rate is lower (fewer beats needed because heart muscles are stronger)			ants	Depressants					
<ul> <li>Recovery (returning to resting heart rate) happens more quickly after exercise</li> </ul>			ulants cause the nervous system to carry nerve Ises faster can increase reaction times	<ul> <li>Depressants cause the nervous system to slow down</li> <li>They can decrease reaction times</li> <li>They can stop vital organs working, and stop parts if the stop stop stop stop stop stop stop stop</li></ul>					
Why do you breathe quicker durin	ng exercise?		can also speed up heart rate, and put strain on the		brain working mples include: Alcohol. Heroin, Solvents				
More oxygen is required as body	is working harder.		s include: Caffeine, Cocaine, Ecstasy	EXa	Imples include. Alconol. Heroin, Solvents				
D. What is Respiration?	?				D. What is fermentation?				
Respiration is a chemical reaction	that releases energy from food m	olecules.			/hen plants/yeast respire anaerobically, they produce thanol and carbon dioxide.				
Why is respiration important?					Inanoi and carbon dioxide.				
An organism can the use the ene	rgy produced by respiration is sev	veral differe	nt ways including:		is useful as the ethanol can be used to make alcoholic				
1. To build large molecules from	n smaller ones (grow)				rinks and the carbon dioxide is what makes bread rise.				
<ol> <li>To move</li> <li>To keep warm</li> </ol>									
What are the 2 types of respirat	ion?			E	E. Who discovered DNA?				
	Aerobic		Anaerobic	Rosalind Franklin and Maurice Wilkins 1952					
Main difference?	With Oxygen		Without Oxygen	h	Ising x-ray photography, Franklin and Wilkins produced igh-resolution photographs of DNA fibres. They used nese to deduce that DNA had a <b>helical</b> structure and				
Where does it take place?	Mitochondria		Cytoplasm		hat the outside of the molecule contained <b>phosphates</b>				
What is the equation?	glucose + oxygen → carbon dic	oxide + wate	er In animals: glucose → lactic acid	James Watson and Francis Crick 1953					
			In plants/yeast: glucose → ethanol and carbon dioxide	m d	Ising the x-ray data from Wilkins and Franklin, and using nodels, Watson and Crick managed to discover the ouble-helix structure of DNA. They and Wilkins were				
Which produces the most energy?	Aerobic respiration produces m	ore energy	Anaerobic produces less energy	a	warded the Nobel Prize in 1962.				
					E. What is DNA?				
D. What happens wher	a Lactic Acid builds up in muscl	es from an	aerobic respiration?		eoxyribonucleic acid – the genetic material of all rganisms				
How does the body get rid of la	-			v	Vhat is a double helix?				
	heart rate and breathing rate after		o that more oxygen enters the cells. This oxygen ifficiently again.	Т	wo helical strands wound around each other				

⊒ Ø ∰ ∎ ⊷ £ ★ ® <del>%</del> ⊥ Ø ∰ ↓ ∞ £ ★ ® <del>%</del>

B.       What benefits come from regular exercise?       C.       What is a drug?					
	C. What are the 2 types of recreational drugs, an	d what effect do they have on the body?			
Why do you breathe quicker during exercise?					
D. What is Respiration?		D. What is fermentation?			
Why is respiration important?					
		What are the uses of fermentation?			
What are the 2 types of respiration?		E. Who discovered DNA?			
Main difference?					
Where does it take place?					
What is the equation?					
Which produces the most energy?					
		E. What is DNA?			
D. What happens when Lactic Acid builds up in musc	es from anaerobic respiration?				
How does the body get rid of lactic acid?		What is a double helix?			
now does the body get nu of lactic actu?					



#### Term 4 Year 9 set 6 Science/Biology : Topic 9BB Biological Systems and Processes

1 🖉 🌒 U EMC 5 \* 🕸 😤

E.	What makes up DNA?	E.	What is Gestation?										
<ul> <li>DNA has a <b>double helix</b> structure with two sugar-phosphate backbones wound around each other.</li> <li>Pairs of complementary <b>bases</b> connect the two backbones (strands)</li> </ul>			Gestation describes the development of a foetus in the womb.			prenatal week:         Embryonic stage         Fetal stage         Full term           3         4         5         6         7         8         9         16         32         38							
	are the 4 bases and how are they paired?	What o	does a foetus need to develop?	CENTRAL NERVOUS SYSTEM									
• The bases are <b>adenine</b> , <b>thymine</b> , <b>cytosine</b> and <b>guanine</b> (A, T, C, and G)			er to do all of this growing, the foetus needs to trients and oxygen.	HEART									
	nas a <b>complementary shape</b> to T nas a <b>complementary shape</b> to G	How d	oes a foetus get what it needs to develop?	LOWER LIMBS									
Whata	are Chromosomes?	Since they can't eat or breathe, they get this from						PALATI		5			
	yound up tightly. There are 23 pairs in human cells (but a different er of pairs in other species)	Nutrier	ther's blood. hts and oxygen <b>diffuse</b> from the mother's nto the baby's blood vessels, then <b>umbilical</b>	EARS									
Whata	are Genes?		cord in the placenta.										
A shor	t section of DNA which codes for characteristics	What i	s the Placenta?	Wh	at is	the	Uml	bilica	il cor	rd?			
		supplie	an which develops during pregnancy, and as the developing foetus with oxygen and ts, while also removing waste.	A tube which connects the baby to the placenta.									
		E. How can an expectant mother's behaviour affect her unborn baby?											
Cell Nucleus Chromosome DNA Gene (Segment of DNA) Gene Substances across the placenta.							Inport	ו bab	y bec	ause	of the t	ransfer	of

substances across the placenta.

E.	What are the they different	different types of reprod ?	uction and how are	
		Sexual reproduction	Asexual reproduction	
How many parents?		2 parents	1 parent	
Will offs features parents		Offspring have features of both parents	Offspring are clones of the 1 parent	

Ε. What is Heredity?

Heredity is the process by which genetic information is transmitted from one generation to the next

#### What is a Genetic Disease?

Genetic diseases are passed on from parents to children through their genetic material. Children will be born with the disease

### What problems can be caused by different drugs during gestation?

Cigarettes	Alcohol						
<ul> <li>Reduces the volume of oxygen which reaches the baby's cells, affecting their ability to release energy. (Nicotine narrows blood vessels, Carbon monoxide in smoke inhibits red blood cells from carrying oxygen)</li> <li>Increases the risk of premature (early) birth, stillbirth (death of the foetus), cot death (death of the new-born) and low birth weight caused by growth impairment</li> </ul>	<ul> <li>Physical defects e.g. small head size, low birth weight</li> <li>Cerebral palsy (movement and coordination problems)</li> <li>Behavioural differences including autistic traits and attention-deficit hyperactivity disorder (ADHD)</li> <li>Problems with organs including the liver, kidneys, and heart</li> <li>Learning difficulties</li> </ul>						
Children whose mothers smoked during gestation	Other illegal drugs						
are more likely to experience: <ul> <li>learning disorders</li> <li>behavioural problems</li> <li>low IQ</li> <li>asthma</li> </ul>	<b>Neonatal abstinence syndrome</b> occurs when a mother has taken a drug which causes <b>dependency</b> , during gestation. The baby is born with a dependency on the drug.						

#### Term 4 Year 9 set 6 Science/Biology : Topic 9BB Biological Systems and Processes

⊥ Ø ∰ ↓ ∞ ∮ ★ ⊛ <del>४</del>

<u>ተ ም ፩</u>		* * *			
E. What makes up DNA?	E. What is Gestation?				
What are the 4 bases and how are they paired?         What are Chromosomes?	What does a foetus need to develop? How does a foetus get what it needs to develop?	prenatal week:     Embryonic stage     Fetal stage     Full term       3     4     5     6     7     8     9     16     32     38       CENTRAL NERVOUS SYSTEM			
What are Genes?					
	What is the Placenta?	What is the Umbilical cord?			
INSIDE THE CELL Cell Nucleus Chromosome DNA Gene (Segment of DNA)	E. How can an expectant mother's behaviour affe	ect her unborn baby?			
E. What are the different types of reproduction and how are	What problems can be caused by different drugs during	g gestation?			
they different?	Cigarettes	Alcohol			
How many parents?         Will offspring inherit features from parents?         E.       What is Heredity?         What is Heredity?		Other illegal drugs			



#### Term 4 Year 9 set 6 Science/Biology : Topic 9BB Biological Systems and Processes

1 🖉 🌒 U EMC 5 \* 🕸 😤

E.	What makes up DNA?	E.	What is Gestation?										
ba	IA has a <b>double helix</b> structure with two sugar-phosphate ckbones wound around each other. irs of complementary <b>bases</b> connect the two backbones (strands)	Gestat the wo	ion describes the development of a foetus in mb.	prenatal week. Embryonic stage Full term 3 4 5 6 7 8 9 16 22 38						rm			
	are the 4 bases and how are they paired?	What o	What does a foetus need to develop?				US SYSTEM						
an	e bases are <b>adenine</b> , <b>thymine</b> , <b>cytosine</b> and <b>guanine</b> (A, T, C, d G)		er to do all of this growing, the foetus needs to trients and oxygen.	HEART UPPER LIMBS EYES LOWER LIMBS									
	nas a <b>complementary shape</b> to T nas a <b>complementary shape</b> to G	How d	oes a foetus get what it needs to develop?										
What are Chromosomes?			Since they can't eat or breathe, they get this from					PALATI		30			
DNA wound up tightly. There are 23 pairs in human cells (but a different number of pairs in other species)			ther's blood. hts and oxygen <b>diffuse</b> from the mother's nto the baby's blood vessels, then <b>umbilical</b>	EARS									
Whata	are Genes?		cord in the placenta.										
A shor	t section of DNA which codes for characteristics	What i	s the Placenta?	Wh	at is	the	Uml	bilica	il cor	rd?			
		supplie	an which develops during pregnancy, and as the developing foetus with oxygen and ts, while also removing waste.	A tube which connects the baby to the placenta.									
		E. How can an expectant mother's behaviour affect her unborn baby?											
	Cell Nucleus Chromosome DNA Gene (Segment of DNA)		ther's behaviour during gestation can affect the devel nees across the placenta.	lopme	ent of	the ι	Inport	ו bab	y bec	ause	of the t	ransfer	of

substances across the placenta.

E.	E. What are the different types of reproduction and how are they different?								
		Sexual reproduction	Asexual reproduction						
How ma	any parents?	2 parents	1 parent						
Will offs features parents		Offspring have features of both parents	Offspring are clones of the 1 parent						

Ε. What is Heredity?

Heredity is the process by which genetic information is transmitted from one generation to the next

#### What is a Genetic Disease?

Genetic diseases are passed on from parents to children through their genetic material. Children will be born with the disease

### What problems can be caused by different drugs during gestation?

Cigarettes	Alcohol						
<ul> <li>Reduces the volume of oxygen which reaches the baby's cells, affecting their ability to release energy. (Nicotine narrows blood vessels, Carbon monoxide in smoke inhibits red blood cells from carrying oxygen)</li> <li>Increases the risk of premature (early) birth, stillbirth (death of the foetus), cot death (death of the new-born) and low birth weight caused by growth impairment</li> </ul>	<ul> <li>Physical defects e.g. small head size, low birth weight</li> <li>Cerebral palsy (movement and coordination problems)</li> <li>Behavioural differences including autistic traits and attention-deficit hyperactivity disorder (ADHD)</li> <li>Problems with organs including the liver, kidneys, and heart</li> <li>Learning difficulties</li> </ul>						
Children whose mothers smoked during gestation	Other illegal drugs						
are more likely to experience: <ul> <li>learning disorders</li> <li>behavioural problems</li> <li>low IQ</li> <li>asthma</li> </ul>	<b>Neonatal abstinence syndrome</b> occurs when a mother has taken a drug which causes <b>dependency</b> , during gestation. The baby is born with a dependency on the drug.						





Wha	it we are lea	rning this terr	n:	A	Forces: Newtons Laws							
В. С. D.		fers in mechar			at is a Resultant Force? at is Newton's First Law	<ul> <li>The overall force of 2 or more forces acting in different directions</li> <li>A stationary object stays stationary unless a resultant force acts on it.</li> <li>A moving object keeps moving at a constant speed unless a resultant force acts on it.</li> </ul>						
5 Key Words for this term         1. Internal       4. Deformation         2. Work       5. Moment         3. Equilibrium							<ul> <li><u>A</u> resultant force acting on an object causes acceleration,</li> <li>This depends on the size of the resultant force and the mass of the object.</li> <li>This formula shows the link:</li> <li><i>F<sub>R</sub></i> = <i>m</i> × <i>a</i></li> <li><i>F<sub>R</sub></i> is the resultant force measured in newtons,</li> <li><i>m</i> is the mass of the object measured in kilograms,</li> </ul>					
C. What do these terms mean?						a is (m/s	the <b>accel</b>	eration of the	e object measured in r	netres per second per second		
Deformation         Changing of shape by a force           Compression         Changing the shape by squashing			What is Newton's Third Law			<ul> <li><u>F</u>orces are always caused by an interaction between two objects.</li> <li>Each force has an equal and opposite reaction</li> </ul>						
Tension     Changing the shape by stretching			All	What Unit is <u>usually</u>		C.	Hookes Lav	w is a linear relations	nip			
D.		What is Internal energy? al energy = kinetic energy of the particles + potential energy					used?       Force     N (newton)       Energy     J (joule)       Distance     m (metre)					What does Hookes law state?
Kinet	e particles. ic energy	moving	de of particles that are	e (F)	The extension/compression of an elastic object is directly proportional to the force applied.							
Poter	ntial energy		he relative position of ne attraction between	Mome	ents Nm (newton metres)				Stops obeying	What is the elastic limit?		
D.	Work Done work do		× distance moved in th	e dire	ction of the force				Hooke's law here	When the material stretches to the point that it does not return to its original length.		
obje	Applying a force to get an object to move is one way to transfer energy between objects are?			What is the amount of work done? The amount of elastic potentia energy stored in the elastic object				Exte	What is a directly proportional relationship?			
store Trar	<ul> <li>transferring energy is also known as 'doing work'.</li> <li>b)jects are?</li> <li>b)jects are?</li> <li>b)jects are?</li> <li>c)jects are?</li> <li>c)jects are?</li> <li>c)jects are?</li> <li>c)jects are?</li> </ul>								The relationship between variables produces a straight line through the origin. If one doubles the other doubles			

⊥ Ø ∰ ↓ ∞ <b>£</b> ★ \$\$ <del>8</del>			⊥ ≥ ∰ U === 41 ★ 28 ★						
What we are learn	ning this terr	n:	Α	Forces: Newtons Laws					
<ul> <li>A. Forces</li> <li>B. Moments</li> <li>C. Springs</li> <li>D. Energy transfers in mechanical systems</li> <li>E. Balanced forces in mechanical systems</li> </ul>				hat is a Resultant Force? hat is Newton's First Law					
5 Key Words for t 1. 2. 3.	this term 4. 5.		WI	hat is Newton's Second Law					
C. What do the Deformation Compression	ese phrases m	nean?	W	hat is Newton's Third Law					
Tension			All	What is the Unit <u>usually</u>	C.		Hookes Law is a linear relationshi	p	
D. What is Inter Internal energy =	rnal energy		Ford					What does Hoo	kes law state?
	All matter is made of particles that are moving Energy due to the relative position of particles, and the attraction between particles.		Distance Moments			f	(F) P Stops obeying	What is the elas	stic limit?
- I	equation for W						Hooke's law here		
Applying a force to object to move is o transfer energy be stores. Transferring energy known as ' <b>doing</b> y	one way to etween gy is also	Work is done (energy is transferred) when elastic objects are ?		Vhat is the amount of work one?		Ľ	Extension, e	What is a linear	relationship?



Ways to describe the

force

direction of moments of a



	Turning effects		Ε.	Moment	S		
	ne effort and load are forces er rotate	that have a turning effect – they make	Кеу	v terms	Definitions		
What is the <b>moment</b> of the force?			leve	r	A simple machine that multiplies applied forces (efforts) through rotation around a pivot.		
si	ze of the forces <b>turning eff</b> e	ect	rotat	tion	Turning, with a fixed centre of rotation. Rotation can be clockwise or anticlockwise – see diagram.		
How can you increase the moment of a force?			turni	ing effect	The rotation of a lever caused by a force (effort OR load force).		
Increase the perpendicular distance from the pivot to the force			mor	nent	Another, more formal, name for 'turning effect of a force'. See equation.		
What are levers are what are the parts of them?			perp	pendicular	At right angles to.		
Levers involve turning, or rotation. Levers allow forces applied to be multiplied			equi	equilibrium Describes a lever that is NOT rotating beca and anticlockwise moments are equal.			
ot	Levers have a	pivot, a fixed centre of rotation					
rt	The force appli	ed to a lever	Ε.	s equilibrium in lever systems happen?			
d	The output forc	e of the lever	] . w	'hen a lever i	s at <b>equilibrium</b> , it is NOT rotating.		
	Equation to calculate th	e moment of a force	Equilibrium happens when: <u>the clockwise moments = the anticlockwise moments</u>				
on	nent = force × perp	endicular distance from pivot			D <sub>1</sub> D <sub>2</sub>		
	nts are measured in a comp stance, usually newton metr	ound measure using the units for force res, Nm.					
	Moments	CLOCKWISE ANTI- CLOCKWISE	]		$F_1$ $F_2$		
		$\mathbf{O}$	• тн	ne forces in e	each direction are not necessarily equal, but the moments o		

- The forces in each direction are not necessarily equal, but the *moments* of the forces in each direction are equal at equilibrium.
- Where there are multiple forces in one direction (clockwise or anticlockwise), the TOTAL moment in one direction is found by <u>adding up</u> the moments of each force in a particular direction.



⊥ Ø ∰ ↓ ⊷ **£** ★ ® <del>%</del>

Е.	Turning effects	Ε.	Moment	s				
	ne effort and load are forces that have a turning effect – they make er rotate	Key	terms	Definitions				
What i	s the moment of the force?	lever						
		rotation						
How c	an you increase the moment of a force?	turning effect						
		mom	ent					
E.	What are levers and what are the different parts?	perpe	endicular					
Levers multipl	involve turning, or rotation. Levers allow forces applied to be ed.	equil	ibrium					
Pivot								
Effort		E. When does equilibrium in lever systems happen?						
Load								
Ε.	What is the equation to calculate the moment of a force?							
				D <sub>1</sub> D <sub>2</sub>				
	nts are measured in a compound measure using the units for force stance, usually newtonmetres, Nm.							
E.	Moments			$F_1$ $F_2$ $F_2$				
	ways describe the ion of moments of a	<ul> <li>The forces in each direction are not necessarily equal, but the <i>moments</i> the forces in each direction are equal at equilibrium.</li> <li>Where there are multiple forces in one direction (clockwise or anticlockw the TOTAL moment in one direction is found by <u>adding up</u> the moments each force in a particular direction.</li> </ul>						





Α.	Backgro	ound:	с.		Social		Econ	omic			
	countrysid Urbanisati country's I of urbanisa richer than HIC have v	<ul> <li>A station is the growth in the proportion of a ry's population living in urban areas. The rate panisation differs between countries that are than those that are poorer.</li> <li>A ave very slow rates of urbanisation: In richer</li> </ul>				<ul> <li>Increase economic development</li> <li>As industry develops (industrialisation), more people move to urban areas to work in factories – there are more jobs and better wages than rural areas</li> <li>Industries create and sell goods on the international market. Manufactured goods make greater profits than unprocessed goods so industrialised countries get wealthier.</li> </ul>					
		e world, urbanisation happened historically of the population now already live in urban			Social and economic (HEWE)		Environmer	ntal (WART)			
•	<ul> <li>and most of the population now already live in urban areas. Many people in urban areas in HICs desire a better quality of life and are moving to rural area. Here they can commute to cities (because of better transport) or work from home (better communication).</li> <li>LIC are less economically developed e.g. Ethiopia. Not many of the population live in urban areas . However, people are starting to move away from jobs in farming (rural areas) to urban areas. They are experiencing rapid urban growth.</li> <li>NEE are those where economic development is increasing rapidly e.g. Brazil, India, Nigeria - They are</li> </ul>			Illenges	<ul> <li>Badly built houses and over crowded</li> <li>No access to basic services (running water, sanitation, electricity)</li> <li>Unclean conditions and lack of access to medical services mean people often have poor health</li> <li>No access to education</li> <li>High levels of unemployment and crime</li> </ul>	•	<ul> <li>damage the environment</li> <li>Air pollution comes from burning fossil fuel from vehicles and factories</li> <li>Sewage and toxic chemicals can get into rivers, causing health problems and harming wildlife</li> </ul>				
		ffecting ហេមតុងterofwithanisation	D.	Rio		E	Favela Bairro				
Rural- migra	-urban Ition	the movement of people from rural to urban area. The rate is affected by push- pull theory.	sh- Sanitation Compre		nditions relating to public health, especially the ovision of clean drinking water and adequate	-The q	Successes uality of life in the favelas	Failures			
Push	ush factors things that encourage people to le (Push them out)		0		wage disposal.	- 90%	proved. housing in Rocinha is now puilt and connected	cover all of Rio's favelas - creates winners and losers so hardly equable and a "favela lottery"			
Pull fa	actors	things that encourage people to move to an area (Pull them to an area)	Qualit life		neral well-being of individuals and societies		amenities I, named roads lise addresses allowing for	-Families can not afford rent -ASH properties- still in areas of severe hazard risk via landslide -			
Natur		birth rate is higher than death rate so population growth	Favela	a Bra	azilian shack or shanty town; a slum	local ta fund f	axes (rates) to be collected to further improvements ation improvements	severe hazard risk via landslide - 2010: 24 dead and 13,000 properties lost			





A.	Background:	D.		Social		Econ	omic		
•	Urban = Towns and cities Rural = countryside Urbanisation is the growth in the proportion of a country's population living in urban areas. The rate of urbanisation differs between countries that are richer than those that are poorer.		rtunitie s						
•	<b>HIC have very slow rates of urbanisation:</b> In richer parts of the world, urbanisation happened historically			Social and economic (HEWE)		Environmer	ntal (WART)		
	<ul> <li>and most of the population now already live in urban areas. Many people in urban areas in HICs desire a better quality of life and are moving to rural area. Here they can commute to cities (because of better transport) or work from home (better communication).</li> <li>LIC are less economically developed e.g. Ethiopia. Not many of the population live in urban areas. However, people are starting to move away from jobs in farming (rural areas) to urban areas. They are experiencing rapid urban growth.</li> <li>NEE are those where economic development is</li> </ul>								
В.	increasing rapidly e.g. Brazil, India, Nigeria They are Expense affgetipg ហេតុត្រុងទ្វេស្រុក្រុង anisation	D. Rio			E Favela Bairro				
Rural migra	l-urban ation	Sanita	ation			Successes	Failures		
Push	factors								
Pull fa	Pull factors		Quality of life						
Natur increa		Favela	a						

# History Year 9 Term 4 KO

Н.	Can you define these key words?	What we are covering whilst w	we are covering whilst working from J. What were the consequences of the Nuremburg						mburg Laws for Jews in Nazi Germany?		
Anti-	······································	home: The Holocaust	-		What they were:			Consequences:			
Semitism	hostility or prejudice against Jewish people	We will be looking at:			On 15 <sup>th</sup> Septem Nuremburg Lav				hat it meant to be a Jew - being Jewish was now gion (you were considered a Jew if you had 3 or 4		
Genocide	the deliberate killing of a large group of people, especially those of a particular nation or ethnic group	<ul> <li>The history of anti-Semitism (I)</li> <li>The start of the persecution</li> </ul>	•		. Grandparents born into a Jewish religious idered 'racially' Jewish and their 'racial' status was						
Holocaust	destruction or slaughter on a mass scale	Nazi Germany and the cons	i Germany and the consequences for stripped Jews of their citizenship (and This legal definition of a						Jews covered tens of thousands of people who		
Persecutio n	hostility and ill-treatment, especially because of race or political or religious beliefs; oppression	How Jewish persecution in ( escalated from 1933-1939 r	Serman Jews (J) low Jewish persecution in Germany scalated from 1933-1939 resulting in he Final Solution (K) Why we need to remember the lolocaust (L).					<ul> <li>did not think of themselves as a Jews and had no religious or cultural ties to the Jewish community - many Jews who hadn't practiced Judaism for years found themselves caught in the grip of Nazi terror. Even people with Jewish grandparents who had converted to Christianity were defined as Jews.</li> <li>For the first time in history, Jews faced persecution not for what they</li> </ul>			
Discrimina tion	The unjust or prejudicial treatment of different categories of people, especially on the grounds of race, age, or sex										
Lebensrau m	Living space in the East (eg.Poland) where Hitler planned to take land fopr his 1000 year Reich for the superior German (Aryan) race				German Blood so that Jews we marry or have i German citizen became known	ere not ntimate s. Raci	allowed to e relations with ial infamy (as it	<ul> <li>belief could convert a Jew into a German.</li> <li>The Nuremburg Laws were a crucial step in Nazi racial the ostracism of German Jews and ultimately to their set</li> </ul>			
Nurember g Laws	A series of laws reducing German Jews human rights, such as their ability to marry Germans, vote, and citizenship		offense.								
Pogrom	A violent attack on Jewish Communities, these had been occurring in Europe since 1900	I         What do these factors show about anti-Semitic attitudes in Medieval Europe?           Adolf Hitler         Nazi dictator of Germany 1933-45									
Roma	Known as Gypsies, they were persecuted by the Nazis	Heinrich Himmler									
SA	Brownshirts Nazi thugs that attacked Nazi enemies	Adolf Eichman	Adolf Eichr of the Holo		German-Austrian high	n rankii	ng SS officer and	one of the major organisers			
SS	Hitler's Elite solders( Blackshirts) , led by Himmler. They fought in the army and ran the concentration and death camps.	Josef Goebbels	Nazi minist	er of propa	ganda						
SS	the concentration and death camps.	Rudolf Hoss	Hoss was t	he longest	serving officer in charg	ge of A	uschwitz				
Einsatzgrup pen	SS murder squads in Eastern Europe, capturing and murdering Jews			К.	How did Jewish per	rsecuti	ion increase fron	n 1933 to 1939.			
Sterilisatio	Preventing men and women form breeding	Boycott of Jewish Busines	ses 1933	Nur	emburg Laws 1935		Kri	istallnacht 1938	Ghettos 1939		
n Genocide	through surgery	On 30 <sup>th</sup> March 1933, the Mannounced that from 10ar	m on 1 <sup>st</sup>	Nuren	5 <sup>th</sup> September 1935 the nburg Laws were pass	sed	Semitism in		<ul> <li>Key step in the process of brutally separating,</li> </ul>		
	Killing if an entire race of people	April an official boycott wo behind of all Jewish busin			were a new set of law made it easier to	/S		uniformed gangs ran amok wish communities,	persecuting and destroying Europe's Jews		
Synagogu e	A Jewish place of Worship	<ul><li>doctors and lawyers.</li><li>SA members (paramilitary</li></ul>	/ unit		cute Jews. Reich Law on Citizensh	nip	destroying a	and burning homes, shops, , synagogues and desecrated	<ul> <li>1<sup>st</sup> ghetto established in Poland in October 1939</li> </ul>		
The Final Solution	The Nazi plan to murder all Jews in Europe	associated with the Nazis Jewish stars or the word (German word for Jew) or	) painted <i>Jude</i>	stripp citizer	ed Jews of their hship (and all rights of as voting, working for	it	<ul><li>Jewish cem</li><li>Some gang</li></ul>		Jews who owned any businesses/property were forced to hand them over as		
Aryam	German superior race as believed by the Nazis	Jewish businesses. • They then stood outside v		gover	nment etc) and made 'subjects'. Jews now h		Youth were	told not to wear uniforms so lence would seem to be by	<ul> <li>they were placed in ghettos.</li> <li>Some ghettos were shut in by</li> </ul>		
Concentrati on Camp	Prison camps set up by the Nazis from 1933. They held political prisoners and minority groups in terrible conditions	banners ('Don't buy from discouraging people from inside.	<ul> <li>banners ('Don't buy from Jews') discouraging people from going inside.</li> <li>The boycott was not very successful- many people just ignored the signs and graffiti and</li> </ul>			d	<ul><li>the general</li><li>Some Germ watched wit</li></ul>	public. nans were horrified, others th pleasure or joined in.	<ul> <li>walls, fences or barbed wire</li> <li>Temporary– some only lasted a few days or weeks, others</li> </ul>		
Exterminat ion `Death' Camp	A concentration camp designed for murdering huge numbers of people such as Jews in gas chambers	successful- many people				l and s r	and 191 syr	illed, 814 shop, 171, homes nagogues destroyed blamed and made to pay for	<ul> <li>for years</li> <li>The majority of ghetto inhabitants died from disease, starvation, shooting</li> </ul>		
Eugenics	The study of races. Nazis' distorted view on science such as Darwin's survival of the fittest	just a day, but it marked th beginning of a nationwide by the Nazi Party against	he campaign	Germ (as it				s sent to camps.	or deportation to extermination camps.		

# History Year 9 Term 4 KO

Н.	Can you define these key words?		ve are covering whilst working from	m	J.		What were the	consequences of the Nuremburg Lav	vs for Jews in Nazi Germany?
Anti-		home:	The Holocaust		What they were:			Consequences:	
Semitism									
Genocide		We will • The	be looking at: e history of anti-Semitism in Europe						
Holocaust		(I) • Th	e start of the persecution of Jews in						
Persecutio n		Na Ge	zi Germany and the consequences for rman Jews (J)	or					
Discriminati on		<ul> <li>How Jewish persecution in Germany escalated from 1933-1939 resulting in The Final Solution (K)</li> <li>Why we need to remember the Holocaust (L).</li> </ul>							
Lebensrau m									
Nuremberg									
Laws		H.	Can you define these key						
Pogrom			words?						
Roma		Ghettos							
SA				l r	1		What do th	ese factors show about anti-Semitic a	attitudes in Medieval Furone?
SS		Kristalln		┥┢	Ad lif ler	-	What do th		
		acht				-			
SS Einsatzgrupp				┥┟	Hein rich mler				
en		Unterm ensche			Ado Eich man				
Sterilisation		n		╡┠	Josef Goebbels				
Genocide		Minorities			Rudolf Hoss				
Synagogue				_					
The Final					K. How did Jewi	sh perse	ecution increas	e from 1933 to 1939.	
Solution		Boycott	of Jewish Businesses 1933		Nuremburg Laws 19	935		Kristallnacht 1938	Ghettos 1939
Aryam									
Concentratio n Camp									
Exterminati on `Death' Camp									
Eugenics									
Euthanasia									
Gestapo									

	ļ
ŢŢŢŢ	ł

Year 9 Religious Education: Equality and Diversity



T T T T T T T T T T T T T T T T T T T					000007		
What we are learning this term:		В	Equality and religion				
A. Key wordsE. LGBTQB. Religion and equalityF. DisabilityC. RacismD. Gender			<ul> <li>People experience prejudice due to sex, disability, race, sexual orientation</li> <li>Equality is important to make society fair</li> <li>Christianity – "you are all one in Christ"</li> <li>Hinduism – the Divine is present in all human beings</li> <li>Islam – the only way one human is better than another is through goodness</li> </ul>				
A. Ca	n you define the	se key words?	С	Racism			
<u>Key words</u>	Key definition			<ul> <li>Islam – "There is no superiority"</li> </ul>			
Equality	opportunities	ng equal in status, rights or		<ul> <li>Christianity – "You are all one in Christ"</li> <li>Hinduism – "There is none high or low amongst y</li> </ul>	/ou"		
Discriminati on The unequal treatment of different groups of people based on race, age, sex etc.			<ul> <li>The Bible, says "slaves obey your masters" and some use this to justify actions e.g. Ku Klux Klan.</li> <li>Quakers are Christians who called for the liberation of Slaves</li> <li>Martin Luther King was inspired by Christianity</li> </ul>				
Prejudice	• •	ion about someone before					
	a certain group	ased on their belonging to	D	Gender	F		
Privilege		or advantage given to a		Gender equality is equal access to resources and opportunities regardless of gender	<ul><li>Women in worship</li><li>Catholic church does not allow women into</li></ul>		
Racism	someone based on their race			Christianity – God made men and women differently	<ul><li>priesthood</li><li>Men and women worship in the Mosque</li></ul>		
Feminism		hting for women's rights		<ul><li>Traditional gender roles in many religions</li><li>Islam - "the Messenger of God never struck a</li></ul>	<ul><li>separately from men</li><li>Some mosques are now female led</li></ul>		
Status	A persons posit	-		woman, child or a servant"	Catholic Women's Ordination campaign for women to have the right to be ordained		
Persecution		an individual or group due , gender, sexuality, etc.					
Disability	A physical or mantal condition that limits a		E.	LGBTQ			
Diversity The practice or quality of including or involving a range of different people			<ul> <li>Homosexuality was illegal in the UK until 1967</li> <li>Members of the LGBTQ community have face</li> </ul>				
			Christianity – "God created man in His image"				
			Christianity – "You shall not lie with a male as with a woman; it is an abomination"				

Buddhism, Sikhism and Hinduism do not mention homosexuality
Dalai Lama – "a relationship between two men is wrong"

Catholic – Welcomes all those who are homosexual but invites them to live a life of *celibacy*

 F
 Disability

 ·
 Disability discrimination is illegal (being treated badly or put at a disadvantage due to disability

 ·
 Bible – Jesus healed the sick and help disabled people

 ·
 Qur'an – encourages good treatment and giving help to those who are disabled

 ·
 Buddhism and Hinduism – disability comes from bad karma

TŢŢŢŦ	

Year 9 Religious Education: Equality and Diversity



What we are I	What we are learning this term:		В	Equality and religion		
A. Key words B. Religion a C. Racism D. Gender		E. LGBTQ F. Disability		<ul> <li>People experience prejudice due to sex, disability, ~</li> <li>Equality is important to make society</li> <li>Christianity – "you are all"</li> <li>Hinduism – the is present in all human beings</li> <li>Islam – the only way one human is better than another is through</li> </ul>		
A. Cá	an you define the	ese key words?	c	Racism		
Key words	Key definition	1	-			
Equality	Equality The state of being			<ul> <li>Islam – "There is no"</li> <li>Christianity – "You are all one in Christ"</li> <li>Hinduism – "There isamongst you"</li> </ul>		
Discriminati on		eatment of different groups d on		<ul> <li>Hinduism – "There isamongst you"</li> <li>The Bible, says "slaves obey your" and some use this to justify actions e.g. Ku Klux Klan.</li> <li>Quakers are Christians who called for the liberation of</li> </ul>		
Prejudice		about e knowing them based on		was inspired by Christianity		
	their belonging	to a certain group or given to	D	Gender		
Privilege	a person or gro			Gender equality is equal access to resources and Women in worship		
Racism		against or preferring d on		opportunities regardless of      Christianity – God made men and women into		
Feminism		ghting for women's rights		Men and women worship in the     Irraditionalin many		
Status				<ul> <li>religions</li> <li>Islam - "the Messenger of God nevera woman_child or a".</li> <li>Someare now female led</li> <li>Catholic Women's Ordination campaign for woman to have the right to be</li> </ul>		
Persecution	mistreatment of to	f an individual or group due		a woman, child or a" women to have the right to be		
Disability	A physical or m person's	ental condition that limits a	Ε.	LGBTQ		
Diversity	The practice or involving	quality of including or	]	<ul> <li>Homosexuality was illegal in the UK until</li> <li>Members of the community have faced persecution in the UK and abroad</li> <li>Christianity – "God created man "</li> </ul>		

- F Disability • Disability discrimination is illegal (being treated badly or put at a disadvantage due to disability • Bible – Jesus healed Qur'an - encourages good treatment and giving ٠ help to \_\_\_\_\_ Buddhism and Hinduism – disability comes from •
- Christianity "You shall not lie with a male as with a woman; it is an \_\_\_\_\_ ٠
- Buddhism, \_\_\_\_\_ and Hinduism do not mention \_\_\_\_\_\_
  Dalai Lama "a relationship between two men is \_\_\_\_\_\_"
- Catholic Welcomes all those who are homosexual but invites them to live a life of



# GCSE Unit 3 SPANISH Knowledge organiser. Topic Free Time Activities

What we are learning this term:			
<ul> <li>A. Talking about free time</li> <li>B. Talking about your plans for the weekend</li> <li>C. Talking about eating out</li> <li>D. Talking about special occasion meals</li> <li>E. Extending what you can say about sport</li> <li>F. Talking about sport in the world</li> </ul>			
6 Key Words for this	term		
<ol> <li>disfrutar</li> <li>jugar</li> <li>los deportes</li> </ol>	<ol> <li>4. campeones</li> <li>5. formentar</li> <li>6. a selección</li> </ol>		
3.1G ¿Qué te	e gusta hacer?		
bailar cantar el cine de vez en cuando time,occasionally entretenido/a estimulante jugar leer libre odiar la película practicar salir la tarde el teclado tocar instrument)	boring to dance to sing cinema from time to entertaining challenging to play (game, sport) to read free to hate film to practise to go out afternoon, evening keyboard to touch, to play(an		

3.3G ¿Ha	ces deporte?
activo/a	active
al aire libre	in the open air, outdoors
ayudar	to help
el baloncesto	basketball
el campo	countryside, playing field
la cancha	court
los deberes	homework
la equitación	horse riding
el estadio	stadium
montar a caballo	to ride a horse
montar en bicicleta	to ride a bike

3.1F ¿Qué haces e	n tu tiempo libre?
a veces	sometimes
bastante	quite
cada	each, every
cenar	to have an
evening meal	
charlar	to chat
el coro	choir
descansar	to rest
los dibujos animados	cartoons
el documental	documentary
el fin de semana	weekend
genial	great
las noticias	news
nunca	never
ocupado/a	occupied, busy
policíaco/a	police, detective,
crime (adj.)	
poner	to put
por lo general	in general
siempre	always
el teatro	theatre
la telenovela	soap opera
terminar	to finish
el tiempo	time
todo/a/os/as	all, every
tonto/a	silly, stupid
la vez	time, occasion

雟

el (fem.) agua (mineral	) (mineral) water
beber	to drink
el bocadillo	sandwich
la carne	meat
la cena	evening meal
cenar	to have supper / t
have an evening meal	
comer	to eat
la comida	lunch, food, meal

3.2G Comer y Beber

	- · · · · · · · · · · · · · · · · · · ·
cenar	to have supper / to
have an evening meal	
comer	to eat
la comida	lunch, food, meal
desayunar	to have breakfast
el desayuno	breakfast
después	afterwards
el helado	ice cream
el huevo	egg
el jamón	ham
la leche	milk
las legumbres	pulses
la mantequilla	butter
la manzana	apple
la mermelada	jam, marmalade
las patatas fritas	chips, fries

	Key Verbs				
Salir			Hacer –	<u>Tocar</u>	
To go out			to do/make	To play (ins)	
Salgo	Voy	Juego	Hago	Toco	
I go out	I go	I play	I do	I play	
Sales	Vas	Juegas	Haces	Tocas	
You go out	You go	You play	You do	You play	
Sale	Va	Juega	Hace	Toca	
He/she goes out	s/he goes	He/she plays	s/he does	He/she plays	
Salimos	Vamos	Jugamos	Hacemos	Tocamos	
We go out	They go	We play	We do	We play	
Salen	Van	Juegan	Hacen	Tocan	
They go out	They go	They play	They do	They play	

3.2G Comer y Beber				
el perrito caliente el pescado el pollo el postre el queso la sopa	hot dog fish chicken dessert, pudding cheese soup			
el té tomar (food, drink) la tortilla la tostada el vaso las verduras	tea to take, to have omelette toast glass vegetables			

3.1H Hablando del tiempo libre y de los planes								
aburrido/a	boring							
agradable	pleasant							
al aire libre	in the open air,							
outdoors								
la batería	drums							
la canción	song							
dar un paseo	to go for a walk							
de vez en cuando	from time to time,							
occasionally								
desafiante	challenging							
divertido/a	fun							
emocionante	exciting							

3.2F Vamos a	a comer fuera
el atún	tuna
el bacalao	cod
la barra	loaf
el bistec	steak
los calamares	squid
la cebolla	onion
el cerdo	pork
la cerveza	beer
los champiñones	mushrooms
los guisantes	chorizo chop lamb fillet strawberry prawns chilled tomato peas
el jamón serrano	cured ham
las judías verdes	green beans

3.3F ¿Qué depor	tes harás?
el alpinismo	rock climbing
cansado/a	tired
la carrera	race
el concurso	competition
(contest)	
contestar	to answer
durante	during
el ejercicio	exercise
el entrenamiento	training
entrenar	to train
el equipo	team
el esquí	skiing
este, esta	this
ganar	to win
el jugador	player
mañana	tomorrow
el miembro	member
el partido	match
probar	to try, to test



Translation Practice. G -	blue F – orange H - Green	Key Questions: Answer the following in your own words. Use these model answers				
No me gusta Me encanta con mis amgos Me escuchar música No me gusta Si tengo	I don't like going shopping I love going out with my friends I love listening to music I don't like dancing If I have the time	¿Qué haces en tu tiempo libre? Frecuencia? Opiniones?	-Normalmente juego al futbol todos los días después del colegio. Lo que me encanta es jugar al futbol con mis amigos porque es bueno para la salud y es emocionante y relajante jugar contra tus amigos. De vez en cuando juego con videojuegos pero ayer hice ciclismo, hice mis deberes y toque mi guitarra. Ayer, fui al colegio durante el día. Después del colegio fui al polideportivo con mis amigos y jugué/jugamos al baloncesto juntos. Ayer por la mañana fui de compras en el centro de la cuidad con mi madre y fuimos a las tiendas de ropa. Lo que me encantó/gustó fue que ví una película entretenido por la noche/ fue que jugué mi deporte favorito y podía entrenarme.Todos los días juego al futbol y al baloncesto, que son mis deportes favoritos. De vez en cuando hago ciclismo y practico el atletismo pero son muy estresantes, duros y no son relajantes. Lo que me encanta es jugar al fútbol en mi equipo los fines de semana.			
Hago de música De vez en cuando una novela Siempre la guitarra con la	I do music classes From time to time, I read a novel I always <b>play</b> the guitar with the	¿Te gusta ver la televisión? Qué has visto en la televisión recientemente?Tienes unprograma favorito?	Si, me gusta ver la televisión, me gustan los programas de horror, de tele-realidad, los documentales y de deporte. Lo que me encanta es ver los dibujos-animados porque son más entretenidos que las noticias. Ayer ví las noticias con mis padres. Mi programa favorito es porque es			
banda	group Sometimes I go to some concert	¿Qué es tu película favorita? Qué película has visto recientemente en el cine?	Mi película favorita es porque me encantan las películas de acción/tiene mucha violencia/tiene buenos actores/es muy romántica/me encanta la historia/tiene buenos efectos especiales.			
El fin de semana juego al fútbol Siempre muy preocupada	On the weekend I <b>always</b> play football I <b>am</b> always busy	¿Cuando se cena en Inglaterra y en España? ¿Cuándo prefieres cenar o almorzar?	Normalmente se cena en Inglaterra a las seis, como mi almuerzo a las dos, como mi desayuno a las ocho.			
Generalmente música por las tardes		Describe una cena especial	Recientemente fui a un restaurante con mi familia para celebrar el cumpleaños de mi abuelo. Fuimos a un restaurante chino porque es la comida favorita de mi abuela. Primero, comí y bebí. Para el postre comí y bebí . Lo que me gustó fue la buena comida/ver a y hablar con toda mi familia. Fue muy emocionante.			
	r laying video games interests me		Key Grammar			
Ella quiere patina en la pista de al gimnasio if there is a match?	She wants to skate on the <b>ice rink</b> I will come to the gym Will you know if there's a match?	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			
el ciclismo	I will try cycling	Forming the future tense ('will')	Future Tense ('will') All verb groups: -é, -ás, -á, -emos, -éis, -án			
Fue una buena No quiero	It was a good <b>party</b> I don't want <b>to participate</b>	Imperfect Tense (Past, ongoing actions, descriptions, 'used to' or 'was doing')	-ar -aba, -abas, -aba, -ábamos, - abais, -aban -er and –ir -ía, -ías, -ía, -íamos, - íais, -ían			

# Year 9 COMPUTER SCIENCE Term 3 – Programming

#### What we are learning this term:

B. Definitions

A. Matching Operators

C. Python Code D. Data Types 

	B Definitions	C. Python Code
	Computer Science Terms	
Multiply	Identifier	This is an example of:
>=		if username == "Tim":
Assignment	IF Statement - Selection	print("Hello World")
Is greater		dogAge = 8
than or equal to	Loops - Iteration	while userNum < 3:
Is equal to	Operator	D. Data Types Example
Is not equal to		Boolean
Is less than	Relational Operator	Character
		Integer
	Variable	String
		Real/Float

### Year 9 COMPUTER SCIENCE Term 3 – Programming

#### What we are learning this term:

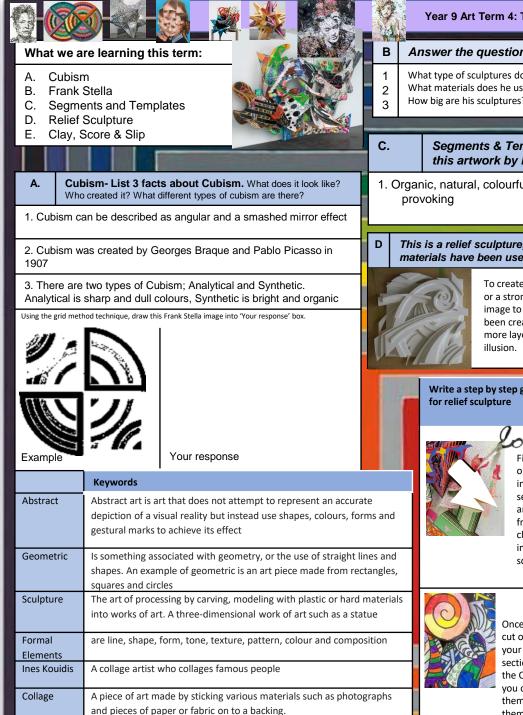
B. Definitions

A. Matching Operators

C. Python Code

D. Data Types

	B Definitions		C.	Pytho	on Code	n Code			
	Computer Science Terms								
Multiply	Identifier A name, usually for part of the program such as a constant, variable, array etc.			This is an example of:					
>=			if use	ername == '	'Tim":	Selection			
Assignment	IF Statement - Selection	A statement that lets a program select an action depending on whether it is true or false.	print(	"Hello Wo	'ld")	Output			
Is greater than or equal			dogA	ge = 8		Assignment			
to	Loops - Iteration	Repeating an action, activity or section within a program.	while	userNum	< 3:	Iteration			
Is equal to		A character which determines what action is to be	D.	Data Types		I	Example		
Is not equal to	Operator	considered or determined. Example: =	B	Boolean	TRUE/F/	ALSE or 1/0	TRUE or 1		
Is less than	Relational Operator	An operator which compares two values. Example:	CI	haracter		alphanumeric iracter.	1 or A or !		
				Integer	Whole	numbers	15		
	Variable	A memory location within a computer where values are stored.		String		e alphanumeric racters.	1A!		
			Re	eal/Float	Decima	al numbers	15.5		
			-						



Year 9 Art Term 4: Topic = Frank Stella

#### Answer the questions about Frank Stella

- What type of sculptures does Frank make? Relief Sculptures
  - What materials does he use? Frank uses a range of metal and Cardboard to create skeleton of the sculpture How big are his sculptures? His sculptures can fill a whole room and usually fill up a whole wall.

Segments & Templates- Looking at the image below, what describing words could you use to describe this artwork by Frank Stella. Use your formal elements to guide you.

1. Organic, natural, colourful, curvy, bright, bold, pattern, skewed, misshaped, mixed, disconnected, random, thought

This is a relief sculpture; how has it been made and what materials have been used?

> To create a relief sculpture you will need Cardboard or a strong yet easily cut material. Start by having an image to create from. The image on the left has been created by many layers of cut Cardboard. As more layers are added they create a 3-dimensional

Write a step by step guide to making a cardboard template

Firstly cut out individual sections and shapes from your

Lay your section that you have cut out onto Cardboard and glue it down. Using a chosen sharp pair of scissors cut this image. use out of Cardboard staying scissors



Once you have cut out all of your shapes and sections from the Cardboard you can arrange them and layer them onto

Finally seal all of your relief sculpture together with PVA glue .this will help to secure it, give it extra

very close to the edge



#### Write a step- by- step guide to slab method & score and slip.



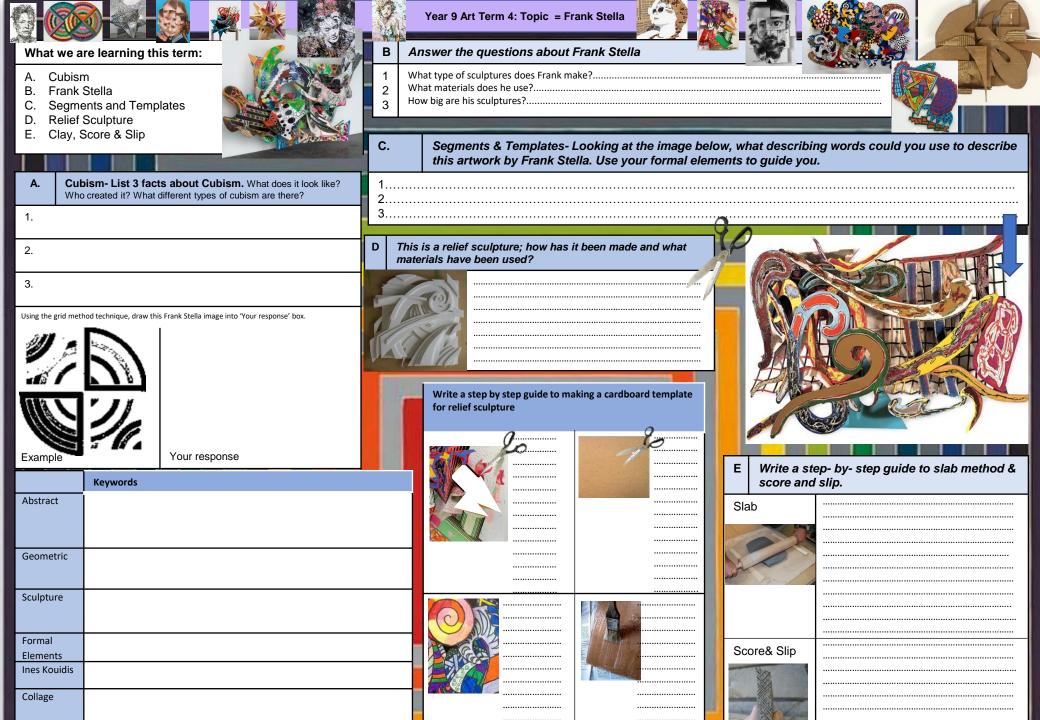
Е



Score& Slip

Firstly, start off by having your wooden board your wooden slats and your rolling pin With your ball of clay in the middle. Make sure the slats are the same thickness. Start off by gently rolling out your ball of clay in a rectangle, lifting up the clay every so often to rotate it so that you create a square. The slats will prevent the Play from going too thin. The rolling pin should now be rested on the slats as you roll, therefore the clay cannot go any thinner.

Score and slip enables you to join 2 pieces of clay together. The scoring on each side of the clay will create a rough surface for attachment. The slip is watered down clay to create a naste Using the slin like glue add







What we are learning this terr	n:	C. Key Words					
A. Workshop Tools B. M A. Workshop Tools	laterials C. Key concepts	Prototype         An early model or sample of a product used to test a concept					
Steel Rule Tri-Square	Laser Cutter Mitre squa	uare Tenon Saw Pillar Drill Bandfacer		Tolerance +	The margin of error allowed for a dimension without negatively impacting a product		
				Depth stop	A part on a tool which is used to help cut or drill a specific depth.		
B.     Materials       Timbers come from trees		C. Key concepts Designers research and inver materials to help inspire ide		Assemble	Creating a product by bringing several components together.		
	Scots pine – which you used for your box walls – is a softwood	Computer-aided design (CA computer software to create		D. Evaluatio	n of Products		
		Advantages	Disadvantages	Evaluate	To judge and give an opinion.		
	<b>Softwoods</b> come in planks and boards	Designs can be <b>created</b> , <b>saved</b> and <b>edited</b> quickly, saving time		Designers will evaluate their products to see what works well and what doesn't. This way they can make any improvements on their			
Manufactured Boards come f	from <b>wood pulp</b>	Designs or parts of design can be easily viewed from <b>expensive</b>		current designs to ensure a high-quality product.			
	<b>Plywood</b> – which you used as your base and Lid– is a	different angles, copied or repeated		<ul> <li>When writing an evaluation it is important to include the following three things:</li> <li>1. Positives – what works well</li> <li>2. Negatives – what doesn't work well</li> <li>3. Possible improvements – how could you make it better?</li> </ul>			
	manufactured board Manufactured Boards	CAD is very accurate	CAD files can become corrupted or lost				
	come in sheets	<ul> <li>Hazards – these are somethin harm you. There are many sug</li> <li>Bags and chairs acting as</li> <li>Untucked shirts, baggy closed setup of the setup o</li></ul>	ch as: a trip hazard				
Polymers come from crude o			ght on tools and machines.	For exemple:			
	Acrylic – which you used as your lid decoration for your trinket box – is a <b>polymer</b> <b>Polymers</b> come in sheets, graduals and filament	<ul> <li>Preventative measures – rule the likelihood of a hazard occu</li> <li>No food and drink in works</li> <li>Bags and chairs stored ne</li> <li>Long hair must be tied up</li> </ul>	es put in place to minimize urring. shops eatly in designated areas	For example: My trinket box is well constructed and uses bright colours to look appealing. However, under closer inspection, the paint is messy and overlaps in some places. One improvement I could make is			
		ent (PPE) aprons, safety goggles and	by applying the paint with a smaller brush so that it is easier to control and will make it look neater.				



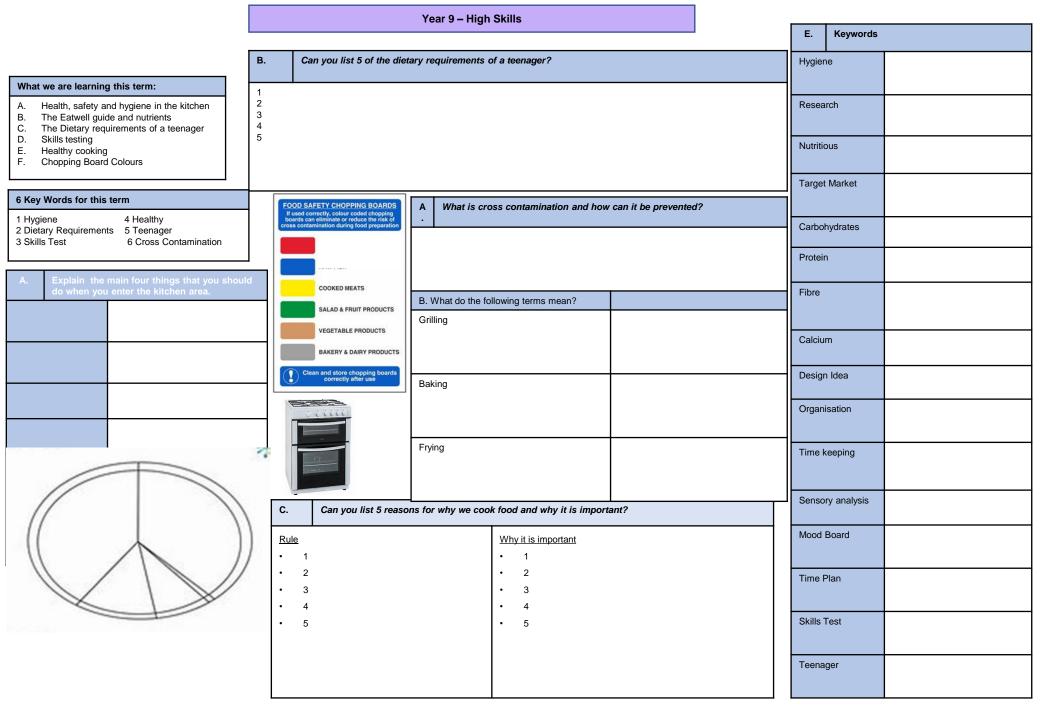
# Year 9 PRODUCT DESIGN Rotation Knowledge Organiser



What we are learning this terr	n:	C. Key Words	
A. Workshop Tools B. N	laterials C. Key concepts	Prototype	
A. Workshop Tools			
		<u> </u>	
A Ro			
			Depth stop
B. Materials		C. Key concepts	Assemble
Timbers come from		Designers research and investigate	
	Scots pine – which you used for your box walls – is a softwood	(CAD) is the process of using computer	E. Evaluation of Products
	Softwoods come in	Advantages Disadvantages	Evaluate
			Think back to your completed Trinket box. Evaluate one positive aspect of it, one negative aspect of it
			and an improvement you would like to have made if you had
Manufactured Boards come			time.
	<b>Plywood</b> – which you used as your base and Lid– is a		
	manufactured board		
	Manufactured Boards come in	<b>Hazards</b> – these are something that could potentially harm you. There are many such as:	
Polymers come from			· · · · · · · · · · · · · · · · · · ·
	Acrylic – which you used as	Preventative measures – rules put in place to minimize	─
	your lid decoration for your trinket box – is a <b>polymer</b>	the likelihood of a hazard occurring.	Possible sentence starters:
	Polymers come in		- One thing that was successful
		Personal protective equipment (PPE)	- One thing that I had issues with was
		The three used most often are	- If I had more time, I could improve this by

#### ear 9 – High Skills

		B. Ca		ry requirements of	f a teenager?											
What we are learning		1 A diat hig	h in aarhahudrata aa a ta					E. Keywords								
<ul><li>B. The Eatwell guid</li><li>C. The Dietary required</li><li>D. Skills testing</li></ul>	and hygiene in the kitchen     2       de and nutrients     3       uirements of a teenager     2	2 A diet with 3 A diet with 4 A diet low	n 2-3 potions of protein to n 2 -3 sources of calcium	enager is normally an energetic person. o maintain muscle growth and cell repair to build developing teeth and bones. obese or developing other health problems.				Hygier		A method of keeping yourself and equipment clean						
E. Healthy cooking F. Chopping Board Colours									Irch	Information that you find out to help you with a project						
6 Key Words for this term									ous	A meal that is healthy and contains vital nutrients.						
1 Hygiene 2 Dietary Requirement 3 Skills Test	4 Healthy s 5 Teenager 6 Cross Contamination	If used boards	SAFETY CHOPPING BOARDS i correctly, colour coded chopping can eliminate or reduce the risk of ntamination during food preparation			ow can it be prevented?		Targe	t Market	The age or type of person you re creating a product for.						
			RAW MEAT	Cross contamination happens when you use the wrong chopping board or equipment to prepare food which can therefore result in food poisoning. You must use the correct equipment for the correct ingredients. You must also ensui				Carbo	ohydrates	Foods that give you energy						
	main four things that you should enter the kitchen area.		COOKED MEATS	that you are alway	s following good hygiene			Protei	n	Food that grow and repair your muscles						
Remove all of your jewellery.	Jewellery can harbour bacteria and could fall off into the food.	r bacteria the food. VEGETABLE PRODUCTS Grilling				Using the top part of the oven. It involves a significant amount of direct, radiant heat, and tends to be		Fibre		Foods that keep your digestive system healthy and avoid constipation.						
Tie back your hair Hair could fall into the food or touch equipment.					used for cooking meat and vegetables quickly. It is also a healthier method of cooking meat		Calcium		Foods that make your teeth and bones strong							
Wash your hands with hot soapy water.	To remove any germs and bacteria from your hands and nails.	Clean and store chopping boards correctly after use								Baking		products. Baking is a method of prep food that uses dry heat, no	paring	Design Idea		A sketch or plan of how you are hoping a project to turn out.
Put on and apron and tie it back.	To protect you from the food and equipment and the food from touching you.	ent and the food from					ce of ls to their	Organ	nisation	Having everything ready for a lesson and following instructions						
Annual in the state of the stat	Guin Eatwell			Frying		centre. Frying is the cooking of for			keeping	Using the time to remain organised.						
	s Rein -	C.	Can you list 5 reaso	another fat. It is usually done in a foring paper using the beh of the ons for why we cook food and why it is important?				Sensory analysis		Use your senses to taste and describe a product						
• 2 to m		to get rid of bacteria on	the food	Why it is important <ul> <li>1 to stop food poi</li> </ul>	soning		Mood	Board	A collage of photos and key words based on a project							
		· 2	2 to make the food taste b 3 to make food chewable		2 to make the foo	<b>U</b>		Time	Plan	Instructions of wat you are going to do and how long it should take.						
			to ensure that food is no to add colour to the food			soning more appetising or change its use		Skills Test		Demonstrating your knowledge of a cooking term.						
								Teena	ıger	Someone between the age of 13 – 19.						



# YEAR 9 GRAPHIC COMMUNICATION

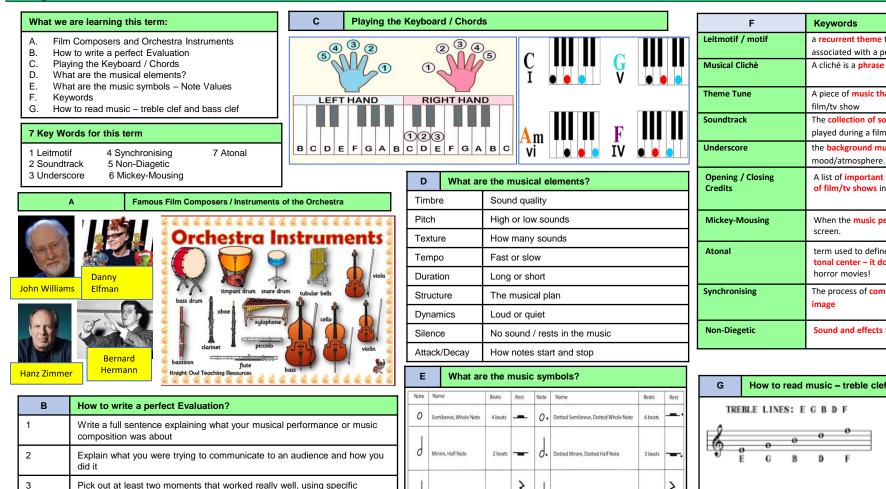
What are w	e learning t	his tern	D  Key words							
A Logos	B Typography	C Compute skills	er	D Key words	E Evaluation	Merchandise	Branded products used to promote and sell a product			
A Logos						Combined Logo	A logo that uses both images and text			
What is a logo? A graphic design	element that inclu	des words	Photoshop	A software for editing photos and graphics. It is used for image editing, making illustrations or web design.						
Alex Trochut collat	chut design logos? porates with brands he viewer first notice y.		Photo Editing The act of image and enhancement an manipulation							
B   Typography			C   Co	mputer skills		<b>E   Evaluation</b> Evaluation: To judge or give an opinion				
Draw your initials i designer Alex Troch	n the typographic sty hut work	yle of	<ul> <li>well and what definition improvements of quality product.</li> <li>When writing an following three</li> <li>1. Positives – w</li> <li>2. Negatives – w</li> <li>3. Possible impletter?</li> <li>For example:</li> <li>My tote bag look appeals to the a designed a com</li> </ul>	n evaluation it is important to include the						

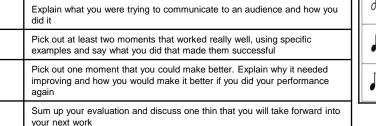
# YEAR 9 GRAPHIC COMMUNICATION

What are w	e learning tl	nis term?	D  Key words				
A Logos	B Typography	C Computer skills	D Key words	E Evaluation	Merchandise		
A   Logos			Combined Logo				
What is a logo?					Photoshop		
How does Alex Tro	chut design logos?				Photo Editing		
					E   Evaluation		
B   Typography		C   Co	mputer skills		Evaluation: To judge or give an opinion		
Please use pencil fo	or the drawing of your o	What i What i	s the shortcut fo s the shortcut fo does this symbol does this symbol	r paste? stand for?	When writing an evaluation it is important to include following three things:         1. Positives – what works well         2. Negatives – what doesn't work well         3. Possible improvements – how could you make it better?		

#### Year 9: Music in the Movies

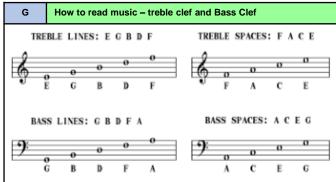






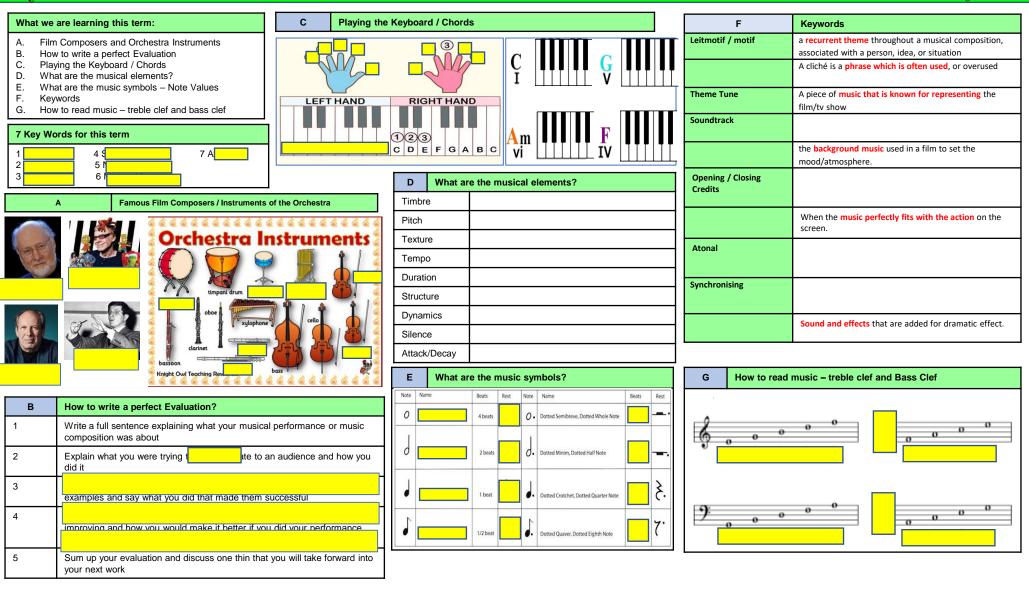
Attack/Decay		How notes start and stop								
E What are the music symbols?										
Note	Nan	ie	Beats	Rest	Note	Name	Beats	Rest		
0	Semibreve, Whole Note		4 beats	-	0.	Dotted Semibreve, Dotted Whole Note	6 beats			
d	Minim, Half Note		2 beats		d.	Dotted Minim, Dotted Half Note	3 beats			
J	Crotchet, Quarter Note		1 beat	ર્ક	d.	Dotted Crotchet, Dotted Quarter Note	1% beats	રે.		
	Quaver, Eighth Note		1/2 beat	7	J.	Dotted Quaver, Dotted Eighth Note	3/4 beat	7.		

F	Keywords
Leitmotif / motif	a recurrent theme throughout a musical composition, associated with a person, idea, or situation
Musical Clichè	A cliché is a <b>phrase which is often used</b> , or overused
Theme Tune	A piece of <b>music that is known for representing</b> the film/tv show
Soundtrack	The collection of songs and musical arrangements played during a film/TV show.
Underscore	the <b>background music</b> used in a film to set the mood/atmosphere.
Opening / Closing Credits	A list of <b>important people involved in the production</b> of film/tv shows included at the start and end of films.
Mickey-Mousing	When the <b>music perfectly fits with the action</b> on the screen.
Atonal	term used to define <b>music that seems to lack a clear</b> tonal center – it doesn't sound good. It is perfect for horror movies!
Synchronising	The process of combining music/audio with moving image
Non-Diegetic	Sound and effects that are added for dramatic effect.



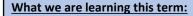
82

#### Year 9: Music in the Movies





#### Year 9 Knowledge organiser Topic: Practitioners



- Α. Three influential practitioners in Drama.
- What the techniques are that they created/implemented into a variety of plays.
- Devise a performance using one of the chosen practitioners' techniques and influences.

#### A- Key Words for this term

- Devising- Creation of an original performance in response to a stimulus.
- Naturalism- seeks to mirror life with the 2. utmost fidelity.
- Theatre of cruelty- Style of theatre that aims to shock and confront the audience
- 4. Epic theatre- emphasizes the audience's perspective and reaction to the piece through a variety of techniques that deliberately cause them to individually engage in a different way.
- Multi-rolling- When an actor plays more than one character on stage
- Placards- A sign or additional piece of written information presented onstage
- 7. Script analysis- Actors interrogate a script for its intended meaning
- Given Circumstances- Who, what, why, how 8. and where of a character in a play
- 9. Method Acting- A technique or type of acting in which an actor aspires to encourage sincere and emotionally expressive performances by fully inhabiting the role of the character
- 10. Practitioners- Someone who creates pieces of dramatic work or style of theatre.

#### Bertold Brecht 1898-1956

Verfremdungseffekt (Veffect) (Alienation **Techniques**)

The process of 'making strange'. This is where the audience experience something familiar, but it is presented in an unrecognisable way or context .The audience then must reach a new understanding to 'move past' the strangeness.

#### This effect can be created through the use of:

Direct Address	Narration
Placards	Montage
Multi-rolling	Speaking stage directions
Music/song	Props table / costumes
change on stage	

Naturalism was at its peak, but Brecht thought that theatre should be political and be a force for change. He wanted his audiences to remain objective and distant from emotional involvement, so that they could make considered and rational judgements about the issues in the play – this is called Epic Theatre

#### Thinking questions.

1. Brecht said that in naturalistic theatre " audiences hang up their brains with their hats in the cloakroom." what do you think he was saying here?

## Constantin Stanislavski 1863-1938

A Russian actor and theatre director, he created The System of 'method acting'. As a reaction to the melodramatic acting of the late 19th century, he developed methods to help actors create the illusion of reality on stage - Naturalism. **Objectives:** The actor needs to know what their character wants in each unit of the play – what are they trying to achieve? Super Objective: The character's ultimate goal over the whole play – each objective should 'link in' and help the character achieve this goal. The Magic If: How would the actor react/behave

if they were in the same situation as the character?

**Units** – Dividing a play or scene into different units of action.

Emotional Memory: Relating the actors own personal and emotional experience to that

of their character.



# Antonin Artaud 1896-1948

Famous for "Theatre of Cruelty." Wanted his audiences to experience and FEEL the pieces not just watch them. He felt that theatre should be cathartic-taboo subjects explored on stage, so that audience members didn't need to go and do these things in "real life."

**Extremes** – Artaud would portray the extremes and put his actors through extremes before performances. This was to access their "visceral" reactions and emotions. Attack the senses. He believed that performances should be seen, heard, felt, smelt and tasted. The audience were always made to feel uncomfortable.

**Universal language-** He felt that all "writing is garbage" so he used a series of grunts, groans, noises and physical gesture to communicate meaning with an audience. This way, everyone could understand.

2. What makes	3. In an Artaudian performance of Little Red Riding Hood, HOW
a successful,	would you play to all 5 senses?
naturalistic	

performance?



### Year 9 Knowledge organiser Topic: Practitioners

#### What we are learning this term:

- A. Three influential practitioners in Drama.
- B. What the techniques are that they created/implemented into a variety of plays.
- C. Devise a performance using one of the chosen practitioners' techniques and influences.

#### A- Key Words for this term

- 1. D Creation of an original performance in response to a stimulus.
- 2. Naturalism-
- 3. Theatre of Style of theatre that aims to shock and confront the audience
- Epic theatre- emphasizes the audience's p and r to the piece through a variety of techniques that deliberately cause them to individually e in a different way.
- 5. M When an actor plays more than one character on stage
- 6. Placards-
- 7. Script a Actors interrogate a script for its intended meaning
- 8. Given Circumstances- W , w , w , h and w of a character in a play
- 9. A technique or type of acting in which an actor aspires to encourage sincere and emotionally expressive performances by fully inhabiting the role of the character
- 10. Practitioners-

### Bertold Brecht 1898-1956

Verfremdungseffekt (Veffect) (Alienation Techniques)

The process of 'm s '. This is where the audience experience something familiar, but it is presented in an unrecognisable way or context .The audience then must reach a new understanding to 'move past' the strangeness.

This effect can be created through the use of:

#### Naturalism was at its peak, but Brecht thought that theatre should be political and be a force for change. He wanted his audiences to remain objective and distant from emotional involvement, so that they could make considered and rational judgements about the issues in the play – this is called **Theatre**

### Thinking questions.

 Brecht said that in naturalistic theatre " audiences hang up their bra with their hats in the cloakroom." what do you think he was saying here?

# Constantin Stanislavski 18 3-19

A Russian actor and theatre director, he created The System of 'method acting'. As a reaction to the melodramatic acting of the late 19th century, he developed methods to help actors create the illusion of reality on stage – **Naturalism**. **Objectives:** 

Super Objective:

The Magic If:

<u>Units:</u>

**Emotional Memory:** 

# Antonin Artaud 1896-1948



Famous for " ." Wanted his audiences to experience and FEEL the pieces not just watch them. He felt that theatre should be cathartic-taboo subjects explored on stage, so that audience members didn't need to go and do these things in "real life." <u>Extremes</u>:

Attack the senses:

**Universal language:** 

uestions.		
aid that in theatre "	2. What makes a successful,	3. In an Artaudian performance of Little Red Riding Hood, HOW would you play to all 5 senses?
hang up their brains nats in the	naturalistic performance?	
<i>n</i> 1 1 1	• ــــــــــــــــــــــــــــــــــــ	1



