100% book - Year 9 Booster

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



Term 4

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

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

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











Using your Knowledge Organiser and Quizzable Knowledge Organiser



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

Expectations for Prep and for using your Knowledge Organisers

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

How do I complete Knowledge Organiser Prep?



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

<u>'Romeo and Juliet': F Knowledge Organiser</u>

Plo	breakdown	Characters	Vocabulary: Key words
Р	The Prologue outlines the main conflict in the play and warns the audience of the tragic fate of Romeo and Juliet.	Romeo (Montague)	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"	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	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	they are from feuding families. 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"	obstacle – a problem that must be overcome. vindictive – 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	exile (vb.) – 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	ruled In all respects by me"	tenacious – very determined
3.4	Verona. Lord Capulet tells Paris that he can marry Juliet in three days' time.	Paris (no family) Nobleman of Verona. Wants to marry Juliet.	catastrophe – a terrible accident. 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	Terminology: Key words Tragedy – a play in which the main character brings about their own downfall.
4.1	Friar Lawrence comes up with a plan: Juliet must pretend to be dead and then escape Verona with Romeo. She agrees to the plan.	Romeo and Juliet, thinking it will bring peace to the city. "For this alliance may prove To turn your households' rancour to pure love"	prologue – the introduction to a book, film, or play. sonnet – 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	Mercutio (Montague) Romeo's friend. Killed by Tybalt. "A plague	10 syllables per line. dramatic irony – when the audience knows something that the character on stage does not
5.5	Romeo's body and kills herself with his dagger. The two families agree to end their feud.	a 'both your houses!"	Tragic hero – the main character in a Tragedy that makes an error of judgement that leads to their downfall.
The	Big Ideas:	Prince Escales (no family) Ruler of Verona. Wants to bring peace to the city. "If ever you disturb our streets again, Your	soliloquy – 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 overful man. She breaks the status quo when she defies her	Structure of Shakespearean	tragic flaw - a character has a tragic flaw when what makes them so special also brings about their downfall.
-	er and makes her own decisions. ution of Juliet's character: Juliet is a stereotypical Renaissance	tragedy (Bradley)	foreshadow – to show or warn that something bigger, worse, or more important is coming.
dau	ghter at the outset, she is loyal and submissive. She becomes	Exposition Introduces the main characters	thesis – the main idea that you want to discuss throughout an essay.
	owered and independent through her romance with Romeo. becomes a tragic hero by acting in pursuit of her own desires.	and the obstacles they will overcome in the 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	Rising tension The heroes try to overcome the obstacles they face. They suffer.	The characters are ' high-status ' – they are important people. The tragic hero acts : they try to do things . 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 puts them in a worse situation .
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 exceptional – there is something that makes them special.

<u>'Romeo and Juliet': F Knowledge Organiser</u>

Plot	breakdown	Characters	Vocabulary: Key words
P	The outlines the main conflict in the play and warns the audience of the fate of Romeo and Juliet.	Romeo (Montague) Young man. Falls in love with Kills	<pre>tragic - describes something as being very, or as part of a</pre>
1.1	The Montagues and Capulets fight in the streets of Verona. Prince Escales swears that any further fighting will be punished by	at the end of the play. "Did my heart love till now? forswear it, sight! For I ne'er	submissive - ready to or conform to the authority or will of others
1.2	Paris asks Lord Capulet about his daughter Juliet. Capulet tells Paris to wait as she is too	saw true beauty till this night"; "Thus with a kiss I die"	narcistic – feud – a serious and sometimes argument between
1.3	Lady Capulet advises Juliet to to marry Paris.	Juliet (Capulet)	two people or groups that continues for a long time.
1.5	At the Capulet's masked ball, Romeo sees Juliet and falls in with her. They talk, kiss, and fall in love. As they depart, they learn they are from families.	girl. Falls in love with Kills herself at the end of the play. "Wherefore art thou Romeo? Deny thy father and refuse thy	shrine – a place that people go to status quo – the that exists now, without any
2.2	In thescene, Romeo and Juliet fall deeper in love. They agree to get	name"; "O happy dagger, This is thy sheath; there rust, and let me die"	obstacle – a that must be overcome.
2.3	Romeo asks Friar to marry him and Juliet. Lawrence agrees, thinking it will the warring families.	Lord Capulet (Capulet) of the Capulet family.	vindictive – patriarchy - a society in which lies with
2.6	Friar Lawrence Romeo and Juliet.	father. Orders her to marry his friend,	belligerent
3.1	Montagues and Capulets fight in the streets. Tybalt kills Mercutio; Romeo kills Prince Escales decides to Romeo from Verona.	"She will be ruled In all respects by me" Paris (no family)	exile (vb.) – to them from their and live in another place.
3.4	Lord Capulet tells Paris that he can marry Juliet in days' time.	Nobleman of Verona, Wants to marry	tenacious – very
	After their wedding night, Romeo leaves Juliet for the last time. They have a vision of the other's After Romeo leaves, Lord Capulet		
3.5	orders Juliet to marry, threatening to her if she	play.	stoicism – calm
4.1	disobeys. Friar Lawrence comes up with a plan: Juliet must pretend to be and then escape Verona with Romeo. She agrees to the plan.	Friar Lawrence (no family) leader in Verona. Agrees to Romeo and Juliet, thinking it will	Terminology: Key words Tragedy – a play in which the main character brings about their own
	Romeo does not learn of Friar Lawrence's plan. He sneaks back into	bring to the city. "For this alliance may prove To turn your households' rancour to	prologue – the to a book, film, or play.
5.3	Verona and visits Juliet's tomb. He thinks she is, and kills himself with Moments later, Juliet wakes up. She finds Romeo's body	pure love"	sonnet – a type of poem. It has 14 lines, a strict rhyme scheme and 10 syllables per line.
	and kills herself with his The two families agree to their feud.	Mercutio (Montague) Romeo's friend. Killed by "A plague a'both your houses!"	dramatic irony – when the knows something that the character on does not
	e Gig Ideas: to make her own decisions.	Prince Escales (no family)	Tragic hero – the main in a Tragedy that makes an error of judgement that leads to their
She	is by her father who eventually decides to marry her to a powerful man. She breaks the status guo when she	of Verona. Wants to bring to the city. "If ever you disturb our streets again, Your lives shall pay the forfeit of the peace"	soliloquy – a in a play where the character speaks to himself or herself.
	father and makes her own decisions.		hyperbole –
	lution of Juliet's character: Juliet is a stereotypical Renaissance ughter at the outset, she is loyal and She becomes	Structure of Shakespearean tragedy (Bradley)	tragic flaw - a character has a tragic flaw when what makes them so also brings about their
emp	cowered and through her romance with Romeo. She comes a by acting in pursuit of her own	Exposition Introduces the main	foreshadow – to show or that something bigger, worse, or more important is
	; ·; ·; ·;	and the they will overcome in the	thesis – the main that you want to discuss throughout an
Trag	gedy : A Shakespearean tragedy is the story of one or two of 'high-status,' such as Kings or Lords. They act in pursuit of	play.	Features of Shakespearean tragedy (Bradley)
	The story leads up to and includes the of hero as a result of their	Rising tension The try to the obstacles they face. They	The characters are ' high-status ' – they are people.
Fate	and destiny: Fate is the idea that the events of someone's life	Catastrophe The play ends with the	The tragic hero acts : they try to do things . They don't just things happen to them.
for _	not in their control. The lovers suggests they were fated This leads to many questions: Is the tragic ending	of the heroes.	Whatever they try to do, it always puts them in a situation .
inev	vitable? Do they act independently?]	They are exceptional – there is something that makes them

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Year 9 Alternative Curriculum Term 4 Science/Physics: Topic 9PF Forces in action

What	t we are lea	rning this terr	n:	A	Forc	es: Newtons Laws					
 A. Forces B. Moments C. Springs D. Energy transfers in mechanical systems E. Balanced forces in mechanical systems 							 The overall force of 2 or more forces acting in different directions A stationary object stays stationary unless a resultant force acts on it. A moving object keeps moving at a constant speed unless a resultant force acts on it. 				
5 Key Words for this term 1. Internal 4. Deformation 2. Work 5. Moment 3. Equilibrium			Law • This		• <u>A</u> resultant force acting on an object causes acceleration, • This depends on the size of the resultant force and the mass of the object. This formula shows the link: $F_R = m \times a$ F_R is the <u>resultant force</u> measured in newtons, <i>m</i> is the <u>mass</u> of the object measured in kilograms,						
C. What do these terms mean?							the accel	eration of the object measured i		r second per second	
Deformation Changing of shape by a force		Wł	What is Newton's Third Law		•	 <u>F</u>orces are always caused by an interaction between two objects. 					
Compression Changing the shape by squashing											
Tension Changing the shape by stretching			All What Unit is <u>usually</u> used?			C.	Hookes Law is a linear relatior	ship			
D.	What is Int	ernal energy?		Ford	Force N (newton)					What	does Hookes law state?
of the	e particles.		particles + potential energy de of particles that are	Ene	Energy J (joule)			Force (F)			xtension/compression elastic object is directly
KIIIEU	ic energy	moving	de of particles that are	Dista	Distance m (metre)				P P	applie	ortional to the force ed.
particle		0.	ne relative position of ne attraction between			Moments Nm (newton metres)			Stops obeying	What	is the elastic limit?
D. Work Done		·					Hooke's law here		the material stretches to bint that it does not return		
	work do	ne = force	imes distance moved in t	he dir	ectio	n of the force					original length
Applying a force to get an object to move is one way to transfer energy betweenWork is done (energy is transferred) when elastic objects are?			What is the amount of work done?				Extension, e	What	is a linear relationship?		
	es. nsferring ene wn as ' doing		ExtendedCompressed	The amount of elastic potentia energy stored in the elastic object		al			variab	elationship between les produces a straight f one doubles the other es	



What we are learning this term:			Α	Ford	es: Newtons Laws						
B. M C. S D. E	C. SpringsD. Energy transfers in mechanical systems					a Resultant Force? Newton's First Law	_				
5 Key Words for this term 1. 4. 2. 5. 3.		What is Newton's Second Law									
C. What do these phrases mean? Deformation Compression		W	/hat is I	Newton's Third Law							
Tensic	Tension		All		nat is the Unit <u>usually</u>	<u>.</u>	C.	Hookes Law is a li	near relations	hip	
D.	D. What is Internal energy			For		ed?	_				What does Hookes law state?
D. Apply	Applying a force to get an Work is done (energy is		Dist Mor	Energy Distance Moments What is the amount of work done?			Force (F) P Stops obeying Hooke's law here Extension, e		obeying Hooke's law here	What is the elastic limit?	
transf stores Trans	object to move is one way to transfer energy between stores.transferred) when elastic objects are ?Transferring energy is also known as ' doing work '.			uone?				Extension	1, 0	What is a linear relationship?	



Ways to describe the

force

direction of moments of a

Year 9 Alternative Curriculum Term 4 Science/Physics: Topic 9PF Forces in action

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	Turning effects		Ε.	Moment	ts	
Both the effort and load are forces that have a turning effect – they make the lever rotate		Key	v terms	Definitions		
What is the moment of the force?		leve	r	A simple machine that multiplies applied forces (efforts) through rotation around a pivot.		
The siz	e of the forces turning effect	ct	rotat	tion	Turning, with a fixed centre of rotation. Rotation can be clockwise or anticlockwise – see diagram.	
How ca	an you increase the momen	t of a force?	turni	ing effect	The rotation of a lever caused by a force (effort OR load	
	ease the force	tance from the nivot			force).	
Increase the perpendicular distance from the pivot		mon	nent	Another, more formal, name for 'turning effect of a force'. S equation.		
Ξ.	What are levers are what	at are the parts of them?	perp	pendicular	At right angles to.	
Levers involve turning, or rotation. Levers allow forces applied to be multiplied		equilibrium		Describes a lever that is NOT rotating because the clockwis and anticlockwise moments are equal.		
Pivot	Levers have a p	pivot, a fixed centre of rotation			1	
Effort	The force applie	ed to a lever	Ε.	When doe	s equilibrium in lever systems happen?	
_oad	The output forc	e of the lever	7 . w	 When a lever is at equilibrium, it is NOT rotating. 		
E. E	Equation to calculate th	no moment of a force		quilibrium ha	ppens when:	
L. L				Ine clock	wise moments = the anticlockwise moments	
тот	nent = force × perp	endicular distance from pivot			D ₁ D ₂	
			41			
	nts are measured in a comp stance, usually newtonmetre	oound measure using the units for force es, Nm.				
	Moments	CLOCKWISE ANTI-				
E.		CLOCKWISE				

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- 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.



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E.	Turning effects		E. Moments		
	Both the effort and load are forces that have a turning effect – they make the lever rotate			terms	Definitions
What is	What is the moment of the force?				
			rotation		
How ca	n you increase the momer	nt of a force?	turnin	g effect	
			mom	ent	
E.	What are levers and wh	nat are the different parts?	perpe	endicular	
	Levers involve turning, or rotation. Levers allow forces applied to be multiplied.		equilibrium		
Pivot					
Effort			E.	When does	s equilibrium in lever systems happen?
Load					
E. V	Vhat is the equation to	calculate the moment of a force?			
	Moments are measured in a compound measure using the units for force and distance, usually newtonmetres, Nm.				
E.	E. Moments				F ₁ F ₂
	vays describe the on of moments of a		the • Wh the	forces in ea ere there ar TOTAL mo	each direction are not necessarily equal, but the <i>moments</i> of ach direction are equal at equilibrium. The multiple forces in one direction (clockwise or anticlockwise), or ment in one direction is found by <u>adding up</u> the moments of a particular direction.

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What we are learning this term:	A. What is Combustion?				
A. Types of reactionB. CatalystsC. Energy in Reactions	A chemical reaction where a fuel reacts with oxygen to make carbon dioxide and water				
5 Key Words for this term	Does a combustion reaction give out energy, or take in energy from its surroundings?				
1. Decomposition 4. Endothermic 2. Oxidation 5. Displacement	Combustion is a exothermic reaction- it gives energy into the surroundings. Because combustion is exothermic, it means bonds are being made				
3. Exothermic	Examples: methane + oxygen \rightarrow carbon dioxide + water $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$				
A. What is a chemical reaction?					
The breaking of bonds in reactants and making of bonds to for products. A new substance is formed	$(H_4) \xrightarrow{20_2} (C_2) \xrightarrow{CO_2} (2H_2O)$				
A What is Thermal Decomposition?	Break these bonds Make these bonds				
Thermal decomposition is a chemical reaction where heat is used to break down a substance.	A. What is oxidation?				
Does a thermal decompostion reaction give out energy, or take in energy from its surroundings?	Oxidation is a chemical reaction where an element or compound reacts with oxygen				
Thermal decomposition is an endothermic reaction - it takes in energy. Because thermal decomposition is endothermic, it means bonds are being broken.	Does an oxidation reaction give out energy, or take in energy from its surroundings?Oxidation reactions are mostly exothermic reactions- giving energy to the surrounding. Because oxidation reactions are exothermic, it means that bonds are being made.				
Examples: Zinc Carbonate \rightarrow Zinc Oxide + Carbon dioxide ZnCO ₃ \rightarrow ZnO + CO ₂					
	Examples: Magnesium + Oxygen → Magnesium Oxide Mg + Oxygen → MgO				
$z_n \overset{\bigcirc}{_{\mathcal{G}}} \overset{\bigcirc}{_{\mathcal{G}}} \longrightarrow z_n \overset{\bigcirc}{_{\mathcal{G}}} + \overset{\bigcirc}{_{\mathcal{G}}} \overset{\bigcirc}{_{\mathcal{G}}}$					
Magnesium carbonate \rightarrow Magnesium Oxide + Carbon dioxide MgCO ₃ \rightarrow MgO + CO ₂	Mg O=O Mg / Make these bonds				
$Mg_{GGG}^{GGG} \longrightarrow MgGG + GGGG$	Break these bonds				

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Year 9 Alternative Curriculum Term 4 Science/Chemistry : Topic 9CE Energetics and Rates

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What we are learning this term:	A. What is Combustion?
A. Types of reaction C. Energy in Reactions B. Catalysts	
E Key Words for this form	Does a combustion reaction give out energy, or take in energy from its surroundings?
5 Key Words for this term 1. 4.	
2. 5.	
3.	Examples: methane + oxygen →
A. What is a chemical reaction?	$ \begin{array}{c} & & \\ & & \\ & & \\ & \\ & \\ & \\ & \\ & \\ $
A What is Thermal Decomposition?	Break these bonds Make these bonds
	A. What is oxidation?
Does a thermal decompostion reaction give out energy, or take in energy from its surroundings?	
	Does an oxidation reaction give out energy, or take in energy from its surroundings?
Examples: Zinc Carbonate →	
	Examples: Magnesium + Oxygen →
$z_n \bigcirc c_0 \longrightarrow z_n \bigcirc + \odot \odot \odot$ Magnesium carbonate \rightarrow	Mg 0=0
Mg = Mg = Mg = Mg = Hg = Mg = Hg = Hg =	Break these bonds

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В.	What 2 thi to happen	ngs do you need for a successful reaction ?	С.	C. What is Activation energy?					
1. Particles to collide		The mi	The minimum energy required for a successful collision between reactants						
2. Enc	ough energy f	or a reaction to occur (activation energy)	What i	What is a reaction profile?					
В.	What is the	rate of a reaction?	· · ·		he energies of the reactants and products	at different stages of the chemical			
The rate of reaction is the speed at which a chemical reaction is happening. This can vary hugely from reaction to reaction.		C.	What are ex	othermic and endothermic reactions?					
What factors can affect rate of reaction?1.Changing temperature 2.Changing the concentration of a solution 3.Changing the surface area of a solid		What ar	re they?	Exothermic reactions	Endothermic Reactions				
В.	What is a d	4. Adding a catalyst	vvnat ar	e mey?	An exothermic reaction is a reaction in which energy is transferred from the reacting substances to their surroundings	An endothermic reaction is a reactio in which energy is transferred to the reacting substances from their surroundings.			
A catalyst is a substance which speeds up a chemical reaction without being used up.They are specific to each reaction				Heat Energy	Heat energy				
в.	How do ca	ntalysts work?				Reactants Products			
Catalysts speeds up a reaction by: Lowering the activation energy this means that there are more successful collisions Therefore a faster reaction. 				Reactants Products					
· · ·		w this on a reaction profile?	Do thing cool dov	gs warm up or wn?	Temperature increases : Energy is transferred to surroundings	Temperature decreases : Energy is absorbed from the surrounding			
	Énergy	Activaton Energy	Bond m breaking	aking or g?	Bond making is an exothermic process	Bond breaking is an endothermic proces			
В.		Reactants Progress of reaction t catalysts written in the chemical of a reaction?	Reactio	n profile	But Activation energy Reactants Energy change Products Progress of reaction	Activation energy Energy change Reactants			

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Geography Knowledge Organiser: Year 9 Term 4 Climate Change



Back	ground	:		С.							
1. 2.			e global climate has been recorded. hate globally has increased by 0.8°	Volca erupt							
3.		ate scientists o	a. e scientists can use methods to find out about the climate before we started recording it. (B)								
4. 5.	alway	this evidence we can see that the planet has ys gone through periods of warming and cooling. (A) ever, the rapid increase of carbon dioxide in the									
	enhai	sphere from burning fossil fuels, is causing the anced greenhouse effect. (D)									
6.	The enhanced greenhouse effect is causing changes to the planet, such as the melting of Artic sea ice, rising temperatures, and an increase in extreme weather										
7.	Coun by lim atmos	events such as tropical storms. (<i>E</i> , <i>F</i>) Countries are trying to resolve the climate change issue by limiting the amount of carbon dioxide released into the atmosphere, this is known as mitigation. (<i>G</i> , <i>H</i>)									
8.	buildi	me countries are trying to adapt to climate change by ilding flood barriers and growing drought resistant ops. (<i>G, H</i>)									
A.	Char	nges in clim	nate (3)								
	Char ate cha	nges in clim Inge	nate (3) The process of the Earth's climate changing over time.	flood							
Clima		inge	The process of the Earth's	More flood Cost							
Clima	ate cha ial peri	inge	The process of the Earth's climate changing over time.	flood Cost Envir							
Clima	ate cha ial perio -glacial	ods	The process of the Earth's climate changing over time. Cold periods.	flood Cost Envir							
Clima Glac	ate cha ial perio -glacial Mea	ods I periods suring clim Each laye different y	The process of the Earth's climate changing over time. Cold periods. Warm periods. ate change (3) r of ice in a core represents a ear. CO ₂ can be measured in	flood Cost Envir Refu G.							
Clima Glac Inter- B.	ate cha ial perio -glacial Mea	ods periods suring clim Each laye different y each laye	The process of the Earth's climate changing over time.Cold periods.Warm periods.ate change (3)r of ice in a core represents a ear. CO_2 can be measured in r, and therefore the temperature.	flood Cost Envir Refu G. Adap							
Clima Glac Inter B.	ate cha ial perii -glacial Mea ores	ods periods suring clim Each laye different y each laye Each ring	The process of the Earth's climate changing over time. Cold periods. Warm periods. ate change (3) r of ice in a core represents a ear. CO ₂ can be measured in	flood Cost Envir Refu G. Adap							
Clima Glac Inter B. Ice c	ate cha ial perir glacial Mea ores	ods periods suring clim Each laye different y each layer Each ring Thicker rin Paintings	The process of the Earth's climate changing over time.Cold periods.Warm periods.ate change (3)r of ice in a core represents a ear. CO_2 can be measured in r, and therefore the temperature.represents a different year.	flood Cost Envir Refu							

C.	Natura	l clima	ate change (3)		D.	Н
Volca erupt			from volcanic eruptions can block ght, making it colder.	Greenhous effect		
Sun	spots		sun can give out more energy due to crease in sun spots.			
Orbit chan			orbit of the sun changes from oval se) to circular approx. 98,000 yrs.		Greenh gases	ious
E.	Effect	s on p	eople (6)	٦	Transp	ort
Tropi	cal storn	าร	Increase in frequency and intensity so more damage.	F	armin	g
Sea-	level rise	1	Increased risk of floods, damaging property and businesses.	E	Energy	,
Melti	ng Arctic	ice	Affects trading routes in the Arctic Circle.		F.	Eff
More flood	drought s	s/	Crop failure, could lead to starvation and famine.	Sea tempe rises		npe
Cost	of defen	се	Governments have to spend more money on disasters instead of developing.		More droug	
	onmenta	al	Pressure on countries to accept	Melting gla rivers)		gia
Refu		aios t	o resolve climate change (4)	Melting Arc		
		-gies t	-			
Adap	otation		Adapting to climate change to make life easier.		Н.	PI
	examples (3) 2 n		 Building flood defences. Growing new crops to suit the new climate. Irrigation channels, sending water 	4	Adaptic	on
			from areas of surplus to deficit.	Ν	Mitigati	on
h			Trying to stop climate change from happening by reducing greenhouse gases.			
	ation 1ples <i>(3)</i>		 International agreements. Alternative energies. Carbon capture. 			

D.	Human-	induc	ed climate change (5)			
Greenh effect	ouse	trap gree	way that gases in the atmosphere heat from the sun. Like glass in a enhouse they let heat in, but prevent at from escaping.			
Greenh gases	ouse	that	es like carbon dioxide and methane trap heat around the Earth, leading imate change.			
Transpo	ort		e cars, so more CO_2 causing the anced greenhouse effect.			
Farming	9		ning livestock produces methane, is a greenhouse gas.			
			pre energy required, meaning more ssil fuels burnt, so more CO_2 .			
F.	Effects o	n the	environment (4)			
Sea ten rises	nperature		Coral bleaching and destruction of marine ecosystems.			
More dr	oughts		Migration/ death of species which can not survive drought conditions.			
Melting rivers)	glaciers (i	се	Will send more fresh water into the sea, causing the sea level to rise.			
Melting	Arctic ice		Loss of habitats for animals, such as polar bears.			
Н.	Place sp	ecific	examples (2)			
Adaption			he Thames Barrier. Distive: Stops flooding due to rising the levels. Degative: Expensive			

The Paris Agreement. Positive: Countries are trying to lower CO_2 emissions. Negative: The USA pulled out and China did not sign up.



Geography Knowledge Organiser: Year 9 Term 4 Climate Change



Back	ground:		C.	Natural cli	mate change (3)	D.	Human-i	nduced climate change (5)
1. 2.		global climate has been recorded. te globally has increased by 0.8°		tions		Greenl effect	house	
3.		n use methods to find out about the we started recording it. (B)	Sun	spots		Green	house	
4.		we can see that the planet has always				gases	llouse	
-	gone through periods of warming and cooling. (A) However, the rapid increase of carbon dioxide in the atmosphere from burning fossil fuels, is causing the		Orbit char					
5.						Transp	oort	
0	enhanced greenhous	se effect. (D)	E.	Effects o	n people <i>(6)</i>			
6.	The enhanced greenhouse effect is causing changes to the planet, such as the melting of Artic sea ice, rising temperatures, and an increase in extreme weather events such as tropical storms. <i>(E, F)</i> Countries are trying to resolve the climate change issue by limiting the amount of carbon dioxide released into the		Tro	pical storms		Farmir	ng	
7.			Sea	a-level rise		Energy	/	
	atmosphere, this is k	nown as mitigation. (G, H)	Mel	ting Arctic ice				
8.		rying to adapt to climate change by s and growing drought resistant crops.	Max			F.	Effects o	on the environment (4)
	(G, H)		floo	e droughts/ ds				()
Α.	Changes in climate	e (3)					emperature	
	j	- (-)	Cos	st of defence		rises		
Clima	te change			vironmental ugees		More	droughts	
Clasic	al pariada						g glaciers	
Glacia	al periods		G.	Strategie	s to resolve climate change (4)	(ice ri	vers)	
Inter-ç	glacial periods		Ada	aptation		Meltin	ng Arctic ice	•
В.	Measuring climate	change (3)		aptation mples (3)		Н.	Place sr	pecific examples (2)
			ела	inples (3)				
Ice co	iles		Miti	gation				
			N /1:+:	gation		Adapt	tion	
Tree r	ings			mples (3)		N diti ara	41	
Histor evider						Mitiga		

н.	Can you define these key words?	What we are co	overing whilst workin	g from hom	ne: The Holocaust		Voa	r O Torm 4 Hig	tony The Helessust	
Anti-Semitism	Hostility or prejudice against Jewish people	We will be looki	ing at: y of anti-Semitism in Eu	urope (I)			rea		story: The Holocaust	
Genocide	the deliberate killing of a large group of people, especially those of a particular nation or ethnic group		ersecution of the Jews		in Nazi Germany and the consequences of this	s for	I.		ctors show about anti-Semitic	
Holocaust	destruction or slaughter on a mass scale		 How Jewish persecution in Germany escalated from 1933-1939 eventually resulting in The Final Solution (K) 						in Medieval Europe?	
Persecution	hostility and ill-treatment, especially because of race or political or religious beliefs; oppression		Why we need to remember the Holocaust (L).					 In 1095, Pope Urban II appealed to European Christians liberate the Holy Land from the Muslim 		
Discrimination	The unjust or prejudicial treatment of different categories of people, especially on the grounds of race, age, or sex	J.	What were th	e conseque	consequences of the Nuremburg Laws for Jews in Nazi Germany?			 beginning what was to be known as the Crusades The religious passion that drove men, and later ex 		
Lebensraum	Living space in the East (g.g. Poland) where Hitler was planning to build his 1000 year Reich for the master/	What they were	9:	Consequ	iences:		The Crusades	consequences for		
Minorities	superior race (Herenvolk) Anyone considered non-Aryan. Disabled people, homosexuals, Roma	Nuremburg	ptember 1935 the g Laws were passed a new set of laws	 These laws redefined what it meant to be a Jew - being Jewish was now a race rather than a religion (you were considered a Jew if you had 3 or 4 Jewish grandparents). 				 The Crusader army swept through Jewish communities looting, raping and massacring Jews they went. 		
Nuremberg Laws	A series of laws reducing German Jews human Rights such as their ability to marry Germans, to vote, and to	which mad persecute	le it easier to Jews.	Gran	ndparents born into a Jewish religious commur sidered 'racially' Jewish and their 'racial' status	nity were		-	y, the Bubonic Plague spread	
Pogrom	be recognised at citizens A violent attack on Jewish communities these had been	stripped Je	Law on Citizenship ws of their	 This 	sed onto their children and grandchildren legal definition of a Jews covered tens of thou			throughout Europ the population	e, killing an estimated one-third of	
Fogrom	occurring all over Eastern Europe and Russia since 1900,	such as vo	(and all rights of it ting, working for the	no re	ble who did not think of themselves as a Jews eligious or cultural ties to the Jewish communit	ty - many	ant		and ignorance prompted the need oblame, and the Jews were a	
Roma	Known as Gypsies, they were persecuted especially when the Nazi's moved East	them 'subj	nt etc) and made ects'. Jews now had vellow star shaped	then	s who hadn't practiced Judaism for years found nselves caught in the grip of Nazi terror. Even J Jewish grandparents who had converted to Cl	people	The Bubonic Plague	convenient scape	goat because of the myths and vere already believed about them	
SA	Known as Hitler's bullyboys in the early	patch to id	entify themselves.	were	e defined as Jews.		onic		e also dying from the plague, they	
SS	Hitler's elite part of the army, also responsible for concentration camps network under Himler	Protection	Law for the of German Blood	wha	the first time in history, Jews faced persecution t they believed, but for who they were by birth.	ed, but for who they were by birth. In Nazi			poisoning wells and spreading the nany and Austria approx. 100,000	
SS Einsatzgruppe n	SS murder squads that went around Eastern Europe looking for Jews, capturing them and then murdering them	Jews were marry or h	Ir made it so that not allowed to ave intimate rith German citizens.	allowed to German. timate The Nuremburg Laws were a crucial step in Nazi racial				Jews were burnedThe founder of the	d alive for this. e 16th century Reformation and	
Sterilisation	Preventing men and women from breeding by an operation	Racial infa	my (as it became is a criminal offense.	ultim	ultimately to their segregation, confinement, and extermination.			Protestantism wrote a pamphlet in 1545 entitled The Jews and Their Lies, claiming that Jews thirsted for Objective black and protection the black of the level.		
Genocide	Killing of an entire race of people						Martin Luther		nd urging the slaying of the Jews	
Synagogue	A Jewish place of worship				K. How did Jewish persecution	n increase				
Anti-Semitism	Discrimination against Jews as a religious group or race	-	f Jewish Businesses		-			Inacht 1938	Ghettos 1939	
The Final Solution	The Nazi government official policy which authorised the murder of all Jews within the Nazi Reich (Empire)	announce	d that from 10am on 1	at from 10am on 1 st April an Nuremburg Laws were passed in G				outburst of anti-Semitism med gangs ran amok	 Key step in the process of brutally separating, persecuting and destroying Europe's Jews 	
Aryan	Meaning pure German blood. Hitler believed that they would make Germany great again	SA memb	es, doctors and lawyers ers (paramilitary unit a	ssociated	made it easier to persecute Jews.The Reich Law on Citizenship	and	d burning hom	communities, destroying nes, shops, businesses,	1 st ghetto established in Poland in October 1939	
Concentration Camps	Prison camps set up by the Nazis in 1933, firstly for political opponents (communists), then minorities form criminals, homosexuals, gypsies, Jews. Some later became extermination camps	word Jude Jewish bu • They ther	with the Nazis) painted Jewish stars or the word Jude (German word for Jew) outside Jewish businesses. stripped Jews of their citizenship (and all rights of it such as voting, working for the government etc) and They then stood outside with banners stripped Jews of their citizenship (and all rights of it such as voting, working for the government etc) and made them 'subjects'. Jews now had stripped Jews of their citizenship cer			neteries. me gangs we ner gangs suc	d desecrated Jewish re in Nazi uniforms. ch as the SA and Hitler not to wear uniforms so	 Jews who owned any businesses/property were forced to hand them over as they were placed in ghettos. 		
Extermination Camps	A concentration camp designed for the systematic murder of prisoners eg. Treblinka or Sobibor	people fro	y from Jews') discoura om going inside. ott was not very succes		to wear a yellow star shaped patch to identify themselves.The Reich Law for the Protection of	that		would seem to be by the	 Some ghettos were shut in by walls, fences or barbed wire Temporary– some only lasted a 	
Eugenics	The study of races. The Nazis' distorted science such as Darwin's survival of the fittest	many peo graffiti and	ple just ignored the sig d still entered the shop	ins and and it	German Blood and Honour made it so that Jews were not allowed to	 Sor wat 	me Germans tched with ple	were horrified, others easure or joined in.	few days or weeks, others for years	
Euthanasia	The killing of those disabilities or diseases		t a day, but it marked the of a nationwide campa		marry or have intimate relations with German citizens. Racial infamy (as it			814 shop, 171, homes gues destroyed	The majority of ghetto inhabitants died from disease, starvation.	
Gestapo	Hitler's spy network, which relied on informants	the Nazi F	Party against the entire		became known) was a criminal offense.	 Jev 		ed and made to pay for	shooting or deportation to extermination camps.	
Holocaust	The Holocaust took place in Europe between 1933 and 1945. Six million Jews were systematically and brutally murdered by the Nazis and their collaborators. Millions of non-jews, including Roma and Sinti (Gyptsies), Serbs, political dissidents, people with disabilities, homosexuals and Jehovah's Witnesses, were also persecuted by the Nazis.		mportant to remen	nhar tha l			damage 000 Jews ser	nt to camps.	externintation camps.	
Ghettos	Parts of cities reserved for Jews from 1939, they were		•							
	unhygienic places to live, had a lack of water and healthcare. They acted as prisoners as they had large walls and curfews.	The Holo	caust demonstrates	the atmos	e. It cannot, and should not, be an event sphere in which genocide can take place aust because it is an example of how the	e.	•	lve into something far m	ore threatening	
Kristallnacht	The Night of Broken Glass, people encouraged by the SS burned down synagogues, humiliated Jewish people and many were killed	RemembDiscussion	 It is important to remember the Holocaust because it is an example of how these trend Remembering the Holocaust is an important act in itself and honouring its victims, partic Discussion about the Holocaust is particularly important when we remember it is not an "He who does not learn from History is doomed to repeat it", – it is not enough to just le 					e with no family left to re ent e.g. Bosnia 1995, Rv	member them, is so important vanda 1994 etc.	
Untermensch	Anyone considered an undesirable in Hitler's Germany: disabled, Roma, homosexuals and Jews		does not learn from n so that it remains		1 0	to just lea	arn from his	story we must tackle, cha	alienge, debate, discuss, expose	

Н.	Can you define these key words?	What we are co	overing whilst working	g from hom	e: The Holocaust	Veer	Voar 9 Torm 4 History: The Holocaust			
Anti-Semitism		We will be looki	ng at: / of anti-Semitism in Eu			rear	Year 9 Term 4 History: The Holocaust			
Genocide		 How the period 	ersecution of the Jews	started out i	n Nazi Germany and the consequences of this for	1	What do these fa	ctors show about anti-Semitic		
Holocaust			h persecution in Germa	any escalate	d from 1933-1939 eventually resulting in The Final		attitudes	in Medieval Europe?		
Persecution		 Solution (K Why we need 	.) eed to remember the Ho	olocaust (L).						
Discrimination		J. What were the consequences of the Nuremburg Laws for Jews in Nazi Germany?								
Lebensraum		What they were: Consequences:				ades				
Minorities		-				The Crusades				
Nuremberg Laws		1				The				
Pogrom										
-		-				e				
Roma		4				Jagı				
SA		4				nic F				
SS						loqn				
SS Einsatzgruppe n						The Bubonic Plague				
Sterilisation]				e - D				
Genocide						Martin Luther				
Synagogue					K. How did Jewish persecution incre		o 1939.			
Anti-Semitism		Boycott o	f Jewish Businesses	1933	Nuremburg Laws 1935	Kristal	Inacht 1938	Ghettos 1939		
The Final Solution										
Aryan										
Concentration Camps										
Extermination Camps		1								
Eugenics		1								
Euthanasia		1								
Euthanasia Gestapo										
		-								
Gestapo		-								
Gestapo		-								
Gestapo		-								
Gestapo		L. Why is it ir	nportant to remem	ber the H	olocaust?					
Gestapo Holocaust		L. Why is it ir	mportant to remem	ber the H	olocaust?					
Gestapo Holocaust		L. Why is it ir	nportant to remem	ber the H	olocaust?					
Gestapo Holocaust Ghettos		L. Why is it ir	nportant to remem	iber the H	olocaust?					

Year 9 Religious Education: Matters of life and death

А.	Ca	n you define these key words?					
Key word		Key definition					
Morality		Principles concerning the distinction between right and wrong or good and bad behaviour.					
Ethics		Moral principles that govern a person's behaviour or the conducting of an activity.					
Sanctity of Li	ife	The view that all life is sacred because it is made by God.					
Quality of Lif	e	The standard of health, comfort, and happiness experienced by an individual or group.					
Natural Moral Law		A system of laws based on close observation of human nature, given to humans by God.					
Precept		A general rule intended to regulate behaviour or thought.					
Reason		The power of the mind to think, understand, and form judgements logically.					
Absolute		A value or principle which is regarded as universally valid.					
Situation Ethics		The view that there should be flexibility in the application of moral laws according to circumstances.					
Relativism		The view that morality exists in relation to culture, society, or historical context, and is not absolute.					
Agape		Unconditional love, "the highest form of love, charity" and "the love of God for man and of man for God".					
Abortion		A procedure to end a pregnancy.					
Pro-Life		Opposing abortion and euthanasia.					
Pro-Choice		Advocating the legal right of a woman to choose whether or not she will have an abortion.					
Euthanasia		The painless killing of a patient suffering from an incurable and painful disease or in an irreversible coma.					
Capital Punis ment	sh	The legally authorized killing of someone as punishment for a crime.					
Dominion		To be in charge of something or rule over it.					
Stewardship		The job of supervising or taking care of something.					

	3.5							
С		hat does the theory of Natural Moral haviour?	Law say about mo	oral	What are the 5 precepts of NML that we must be fulfilling for morally good behaviour?			
	sa W	ome actions are always morally ays so. /e can look at human nature to a ad.	 Preserve innocent life Live in an ordered society Educate children Reproduce Worship God 					
D		What are the strengths of NML the is morally good?	eory about what	What are th about what	esses of NML theory ly good?			
		Everyone can see for themselves we good It seems to be true that we do follow precepts- it is in our nature- and follo generally bring about what we think example, preserve life' means people innocent and also believe murder is	absolute moral law cannot tell us anyth wing them will of as good. For e will protect the			eve in a God who has created ws about right and wrong then NML thing about right or wrong. do bad actions. For example, the use s wrong according to NML because it te to reproduction.		
E		Vhat does the theory of situation thics say about moral behaviour?	What are the stre S.E theory about morally good?			at are the weakness of S.E ory about what is morally od?		
	a g m	here are no absolute moral laws bout right or wrong. The only uiding principle about what is norally right is 'do the most loving ning' in any situation.	mad axeman came mother you would e truth because it death!		How can we be sure what is the most loving thing when we cannot be sure what the outcome of our actions will be			
	_							
в	B	lible quotes relating to the sanctity o	of life					

В	Bible quotes relating to the sanctity of life
1	Humans were 'made in the image of God'
2	'All your days are ordained (set out) for you'
3	'The body is a temple of the holy spirit'
4	"Only God gives and takes life'
5	'Do not kill'

Year 9 Religious Education: Matters of life and death

	Can you define these key words?			What does the theory of Natural Moral behaviour?	we	What are the 5 precepts of NML that we must be fulfilling for morally good		
Key word	Key definiti	on				bel	haviour?	
Morality								
Ethics								
Sanctity of Life								
Quality of Life			D	What are the strengths of NML the is morally good?	ory about what Wi	/hat are the we bout what is n	eaknesses of NML theory norally good?	
Natural Moral Law								
Precept								
Reason								
Absolute								
Situation Ethic	S		E	What does the theory of situation ethics say about moral behaviour?	What are the strength S.E theory about wha morally good?	hs of nat is	What are the weakness of S.E theory about what is morally good?	
Relativism						•		
Agape								
Abortion								
Pro-Life								
Pro-Choice			В	Bible quotes relating to the sanctity of	of life			
Euthanasia			•		n me			
Capital Punish ment			1 2					
Dominion			3					
Stewardship			4 5					



Year 9 Art : 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 individual sections and shapes

Lay your section that you have cut out onto Cardboard and glue it down. Using a sharp pair of scissors cut this out of Cardboard staying very close to the edge

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



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





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







						0)				• • • •	\vee \vee
What we are learning this term:	В.	Wood Th			1	<u> </u>	C.	Wooder	n Joints & The	eir Uses	
A. Drawing Skills	Natura	al	Adva	ntages	Disadvanta	ges	Joint	Use	s	Image	
 B. Wood Theory 2 2 C. Wooden Joints & Their Uses D. Tools & Machinery A. Drawing Skills	Hardwood: Ø		du • W re:	ronger & rable eather sistant re resistant	 Harder to curve More exp Longer to 	ensive	Mitre Joint	pictu Grea but i stroi	d mainly for the frames. It aesthetics not very ng unless a		
Isometric Technical Drawing	Softw			isy to cut /	Not weat			dow	wel is added.		
Made up of a series of par parallel vertical lines and parallel 30-degree lines. But no horizontal lines.		Ø		rve heaper uicker to grow	 resistant Not fire re Weaker & durable 	esistant	Dowe Joint		ir stripped w holes and y making	0	
		factured	Adva	ntages	Disadvanta	ges			are the ect axles in		
	MDF:	礅	sa	asy to cut and nd	Not as aesthetic	ally		toy	vehicles.	_	
30*			 Takes paint well Comes in wide sheets 		pleasing Doesn't stain well 		and furr Tenon join		nly used for iture. This is very ng and		
Used to show a 3D (3-dimensional) perspective of a object or product.	Plywo	od: (ĝ)	 Strong board Can be waterproof Comes in wide 		 Not as aesthetically pleasing Doesn't stain well 			as lo	ble as well oking very essional.		
Exploded Technical Drawing				eets	Doodin to		Cross		nly used for		
Isometric drawing of all the parts and components of an object.		-		atural Wood Vs Manufactured Boards 🛛 💫			Halvi Joint	and	nets, doors windows. joint has		
	more s natura	actured boa sustainable I woods bea from wastea fcuts.	than cause		s more sustaina because it grov			very resis side-	good tance to to-side ement.		
	D.	Tools & M	achiner	у							₩
June 1	Steel Rule	Tri So	quare	Mitre Square	Dowels	Quick Clamp	Wo Vic	oden e	Tenon Saw	Bandfacer	Pillar Drill
All parts are shown separately so you can see all aspects. Dashed lines indicate where everything goes and in what order.						S					T



Year 9 PRODUCT DESIGN





What we are learning this term:	Ŷ	Year 9 – High Skills		E. Keywords	
 A. Health, safety and hygiene in the kitchen B. The Eatwell guide and nutrients C. The Dietary requirements of a teenager D. Skills testing 	B. Can you list 5 of the dietary r	requirements of a teenager?		Hygiene	A method of keeping yourself and equipment clean
E. Healthy cooking F. Chopping Board Colours	1 A diet high in carbohydrate as a teenag 2 A diet with 2-3 potions of protein to mai 3 A diet with 2 -3 sources of calcium to bu	intain muscle growth and cell repair uild developing teeth and bones.	Research	Information that you find out to help you with a project	
6 Key Words for this term 1 Hygiene 4 Healthy	4 A diet low in fat to avoid becoming obes 5 Drinking 2 litres of water a day.	se or developing other health problems.	Nutritious	A meal that is healthy and contains vital nutrients.	
2 Dietary Requirements 5 Teenager 3 Skills Test 6 Cross Contamination				Target Market	The age or type of person you re creating a product for.
A. Explain the main four things that you should do when you enter the kitchen area.	FOOD SAFETY CHOPPING BOARDS If used correctly, colour coded chopping boards can eliminate or reduce the risk of cross contamination during food preparation	A What is cross contamination and	how can it be prevented?	Carbohydrates	Foods that give you energy
Remove all of your jewellery. Jewellery can harbour bacteria and could fall off into the food.	RAW MEAT	Cross contamination happens when you equipment to prepare food which can the must use the correct equipment for the c	refore result in food poisoning. You prrect ingredients. You must also ensure	Protein	Food that grow and repair your muscles
Tie back your hair Hair could fall into the food or	COOKED MEATS	that you are always following good hygien B. What do the following terms mean?		Fibre	Foods that keep your digestive system healthy and avoid constipation.
touch equipment. Wash your hands To remove any germs and	VEGETABLE PRODUCTS BAKERY & DAIRY PRODUCTS	Grilling	Using the top part of the oven. It involves a significant amount of direct, radiant heat, and tends to be used for cooking meat and	Calcium	Foods that make your teeth and bones strong
with hot soapy water. bacteria from your hands and nails.	Clean and store chopping boards correctly after use		vegetables quickly. It is also a healthier method of cooking meat products.	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.		Baking ,	Baking is a method of preparing food that uses dry heat, normally in an oven. Heat is gradually transferred from the surface of cakes, cookies, and breads to their	Organisation	Having everything ready for a lesson and following instructions
Guid Eatwell Guid Eatwell		Frying	centre. Frying is the cooking of food in oil or	Time keeping	Using the time to remain organised.
			another fat. It is usually done in a frying pan using the hob of the cooker. It also known to be unhealthy.	Sensory analysis	Use your senses to taste and describe a product
	C. Can you list 5 reasons	s for why we cook food and why it is imp	prtant?	Mood Board	A collage of photos and key words based on a project
	Rule • 1 to get rid of bacteria on the	Why it is important		Time Plan	Instructions of wat you are going to do and how long it should take.
The second secon	 2 to make the food taste bet 3 to make food chewable 4 to ensure that food is not it 	• 3 it could be raw of	or a choking hazard	Skills Test	Demonstrating your knowledge of a cooking term.
	5 to add colour to the food		nore appetising or change its use	Teenager	Someone between the age of 13 – 19.





Year 9: You're in the band!

Term 3 🛃

												•		J	
A What we are learning about this term				C Instruments in popular music				E How to read music – treble clef and Bass Clef							
1 Basic Song Structure 2 How to write a perfect Evaluation 3 Playing an instrument / Chords / Melody 4 What are the music symbols – Note values 5 Keywords 6 How to read music - Treble clef and bass clef			Verse Verse Bridge			Note O	Name Semibreve, Whole Note	Beats 4 beats	Rest		Name Dotted Semibreve, I	Dotted Whole Note	Beats 6 beats	Rest	
				The chorus is the main hook of Lyrics should broady summa message of the song	The second chorus is us same as the first. This is opportunity to re-emphasi	your The last chorus brings it home, tying up the story. Sometimes the last chorus is	d	Minim, Half Note	2 beats	-	J.	Dotted Minim, Dott	ed Half Note	3 beats	
В	B Keywords			The first verse sets the score and starts 2nd verse elaborates, tends to further emphasize the connection between the 1st and second verses. The bridge is usually very different from both the verses and the chorus. It's either the clanar of the song or the building to the functions of the function of the function of the function.				Crotchet, Quarter Note	1 beat	3	J.	Dotted Crotchet, Do	otted Quarter Note	1% beats	<u>ξ</u> .
Instrumental Break	An instrument section du singing	uring a song – no	(Chorus	Chorus	Chorus					•				<u> </u>
Lyrics	The words of a song							Quaver, Eighth Note	1/2 beat	1		Dotted Quaver, Dot	ted Eighth Note	3/4 beat	1
Verse	A section of a song telling followed by a chorus	the story,													
Chorus	Repeated idea within a so music usually remain the		D					F How to read music – treble clef and Bass Clef							
Bridge / Middle 8	Passage of music that cor and chorus	ntrasts the verse	1 Write a full sentence explaining what your musical performance or music composition was about				TREBLE LINES: E G B D F TREBLE SPACES: F A C E								
Outro / Coda	Passage of music that bri an end	ngs the song to	2	2 Explain what you were trying to communicate to an audience and how you did it			Ģ						0 0		
Album	A collection of audio reco	rdings	3 Pick out at least two moments that worked really well, using				EUBDF FACE								
Arrangement	A rework of a musical composition so that it can be played by different combinations		specific examples and say what you did that made them successful BASS LINES: G B D F A BASS SPACES				SPACES: A	CEG							
Genre	of instruments A style or category of art , literature	music, or	4 Pick out one moment that you could make better. Explain why it needed improving and how you would make it better if you did your performance again				9	9: <u>0</u> 00							
Cover Song	A performance of a song other tan the original artis		5 Sum up your evaluation and discuss one thin that you will take forward into your next work				G B	D F	F A		C 	C I	E G		
G Describing music – MAD T SHIRT															
м	A	D		т	S	н		I			R		1		
Melody	Articulation	Dynamics	Texture		Structure	Harmony/Tonality	Instruments		Rhythm		ı	Tempo			
The tune	How notes are played	Loud/quiet and ar other volume changes	any Layers of sound / how they fit together		The sections and organising	Chords used / the mood	Types of instruments heard		Pat	Pattern of notes Th		The speed			



Ğ									
М	А	D	т	S	н	I	R	т	
M	Α	D	т	\$	Н/Т	I	R	Т	



Year 9: Lit in Colour - Performing a Script

Tongue Twisters

butter

bitter

Peter Piper picked a peck of

Betty Botter bought some

But she said the butter's

If I put it in my batter, it will make my batter bitter But a bit of better butter will make my batter better So 'twas better Betty Botter bought a bit of better butter

pickled peppers A peck of pickled peppers Peter Piper picked If Peter Piper picked a peck of pickled peppers Where's the peck of pickled peppers Peter Piper picked?

Peter Piper

Betty Botter



What we are learning this term:

- A. How to develop our vocal techniques.
- B. How to develop our physical techniques.

movement).

pitch

- C. How to interpret the director's creative intention for a group piece.
- D. How to reflect, analyse and evaluate our development.





	Themes and Issues Explored
Diversity	Being composed of differing elements and variety. The inclusion of people of different races, cultures, etc. in a group or organization.
Racism	Behaviour or attitudes that reflect and foster this belief : racial discrimination or prejudice.
Relationshi ps	Connecting or binding people in either a family, friendship or work collaboration.
Responsibil ity	Moral, legal or mental accountability.
Society	A community, nation, or broad grouping of people having common traditions, institutions, and collective activities and interests

crowd.

Script Work– Key focus

You will explore the different techniques needed to explore how to perform a character.

Through a series of workshops and rehearsals you will explore the different Stanislavski techniques used to perform a naturalistic scene. You will explore different physical and vocal exercises needed to perform a character. You will learn what it takes for an actor to memorise the words and movements of a character in a scene and then will perform your chosen scene to an audience in the final week.

KEY WORDS	
articulation	the clarity or distinction of speech
aside	Lines spoken by an performer to the audience and not supposed to be overheard by other characters on-stage.
business	a piece of unscripted or improvised action, often comic in intention, used to establish a character, fill a pause in dialogue, or to establish a scene. An author may simply suggest 'business' to indicate the need for some action at that point in the play.
characterisatio n	how a performer uses body, voice, and thought to develop and portray a character.
dialogue	spoken conversation used by two or more characters to express thoughts, feelings, and actions.
focus	in acting, the act of concentrating or staying in character.
gesture	any movement of the performer's head, shoulder, arm, hand, leg, or foot to convey meaning.
imaging	a technique which allows performers to slow down and focus individually on an issue. The performers, sitting quietly with eyes closed, allow pictures to form in their minds. These images may be motivated by bits of narration, music, sounds, smells, etc.
improvisation	the spontaneous use of movement and speech to create a character or object in a particular situation; acting done without a script.
inflection	change in pitch or loudness of the voice.
Interaction	the action or relationship among two or more characters
language	in drama, the particular manner of verbal expression, the diction or style of writing, or the speech or phrasing that suggests a class or profession or type of character.
mannerism	a peculiarity of speech or behaviour.
mime	acting without words.
mirroring	copying the movement and/or expression or look of someone else exactly.
monologue	a long speech made by one performer; a monologue may be delivered alone or in the presence of others.
motivation	the reason or reasons for a character's behaviour; an incentive or inducement for further action for a character.
movement	stage blocking or the movements of the performers onstage during performance; also refers to the action of the play as it moves from event to event.
pace	rate of movement or speed of action
performance elements	include acting (e.g., character motivation and analysis, empathy), speaking (breath control, vocal expression and inflection, projection, speaking style, diction), and nonverbal expression (gestures, body alignment, facial expression, character blocking,

the particular level of a voice, instrument or tune.





pitch

Year 9: Lit in Colour - Performing a Script

Tongue Twisters

make my batter better So 'twas better Betty Botter bought a bit of better butter

Peter Piper

Betty Botter



What we are learning this term:

- How to develop our vocal techniques. Α.
- В. How to develop our physical techniques.
- C. How to interpret the director's creative intention for a group piece.
- D. How to reflect, analyse and evaluate our development.



Noughts and Crosses by MCape by IGone Too Far by OA stage adaptation of MSomeone mugged Bruce's mum and he is not having it.Nigeria, England, America, Jamaica; are you proud of where you're from? Dark skinned, light skinned, afro, across the calm waters of their lives. He grabs his hoodie, his uniform, his cape and goes out to find the culprit. Smithy wants everyone to stay inside, Uhuru wants everyone out. Tanya thinks it's boyish fun and games until, very suddenly, it isn't.Nigeria, England, America, Migeria, England, America, Jamaica; are you proud of where you're from? Dark skinned, light skinned, afro, weaves, who are your true brothers and sisters?Noughts and Crosses is about a segregated society teetering on a volatile knife edge. As violence breaks out, Sephy and Callum draw closer, but this is a romance that will lead them into terrible danger.Nigeria, England, America, Jamaica; are you proud of where you're from? Dark skinned, light skinned, afro, weaves, who are your true brothers and sisters?			6		
MBmum and he is not having it.Jamaica; are you proud ofbest selling novel, the world of the Crosses and the noughts is reminiscent of Shakespeare's Romeo and Juliet. It's a modern-day tale of star- crossed lovers, race and violence.The shock is still visible in her trembling fingers, rippling out across the calm waters of their lives. He grabs his hoodie, his uniform, his cape and goes out to find the culprit. Smithy wants everyone to stay inside, Uhuru wants everyone out. Tanya thinks it's boyish fun and Callum draw closer, but this is a romance that will leadJamaica; are you proud of where you're from? Dark skinned, light skinned, afro, weaves, who are your true brothers and sisters?Mum and he is not having it. The shock is still visible in her trembling fingers, rippling out across the calm waters of their lives. He grabs his hoodie, his uniform, his cape and goes out to find the culprit. Smithy wants everyone to stay inside, Uhuru wants everyone out. Tanya thinks it's boyish fun and games until, very suddenly, it isn't.Jamaica; are you proud of where you're from? Dark skinned, light skinned, afro, weaves, who are your true brothers and sisters?	- ,	Cape by I A	· · ·		
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		Themes and Issues Explored
e Twisters		memes and issues Explored
Peter Piper picked a peck of pickled peppers A peck of pickled peppers Peter Piper picked		Being composed of differing elements and variety. The inclusion of people of different races, cultures, etc. in a group or organization.
If Peter Piper picked a peck of pickled peppers Where's the peck of pickled		Behaviour or attitudes that reflect and foster this belief : racial discrimination or prejudice.
peppers Peter Piper picked? Betty Botter bought some		Connecting or binding people in either a family, friendship or work collaboration.
butter But she said the butter's bitter		Moral, legal or mental accountability.
If I put it in my batter, it will make my batter bitter But a bit of better butter will make my batter better		A community, nation, or broad grouping of people having common traditions, institutions, and collective activities and interests
So 'twas better Betty Botter		

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elements		



