

Knowledge Organiser Year 11 Term 2

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English Language Paper 2 Questions 1-4

What do the questions look like?	Analysis sentence starters		
Q1: Shade 4 true statements [4 marks] Q2: Write a summary of the similarities/differences [8 marks] Q3: How has the writer used language to [12 marks] Q4: Compare how the writers convey their different/similar attitudes to [16 marks]	This suggests that This conveys that It implies that The word presents This portrays to the reader The language connotes that (The bold words are all synonyms for ' show ')		
e How do I write a summary for Question 2?			
A summary is when you tell somebody only important and relevant pieces of information. Step 1: The examiner will tell you what to focus on in the extracts and whether the extracts have different or similar ideas. Step 2: Read the extracts and pick out the information you are given, deciding how the extracts are similar or different. Step 3: Use evidence from the text to tell the examiner what each extract says about the idea and how, similar or different			
	What do the questions look like? Q1: Shade 4 true statements [4 marks] Q2: Write a summary of the similarities/differences [8 marks] Q3: How has the writer used language to [12 marks] Q4: Compare how the writers convey their different/similar attitudes to [16 marks] How do I write a summary f A summary is when you tell somebody only import information. Step 1: The examiner will tell you what to focus on extracts have different or similar ideas. Step 2: Read the extracts and pick out the informatextracts are similar or different. Step 3: Use evidence from the text to tell the examite idea and how similar or different.		

Language Techniques			(for Questions 2 and 4)		
	(foi	r questions 3 and 4)	<u>Similar</u>		
			Likewise,		
T	echnique	Definition	Similarly		
Α	djective	A word that describes a noun.			
۷	/erb	An action which can be physical, mental or a state of being.	Both authors take the same approach		
А	dverb	A word that describes a verb (action). These usually end with –ly.	Both texts present		
Ρ	ronoun	These are used in the place of a name.			
C	Connective	Words which show the relationship between ideas such as time or agreement.	Different		
S	imile	A comparison using 'like' or 'as' to show the similarity between two ideas.	On the other hand, In contrast However,		
٨	Aetaphor	A comparison where you state something <u>is</u> something that it's not, based on a shared characteristic.			
C	Inomatopoeia	Words which make their own sound.	This is not the case in		
Ρ	ersonification	Giving a non-human thing a human characteristic.	Alternatively,		
S S	imple entence	A sentence with one piece of information.	Conversely		
C s	Compound entence	Two simple sentences joined using a connective.	What is an attitude? (Question 4)		
C S	Complex entence	A sentence which contains a subordinate clause. A subordinate clause is an extra piece of information which would not make sense on its own.	An attitude is a feeling, opinion or point of		
S	emantic Field	Where multiple words in a piece of writing suggest the same idea or theme, such as coldness, fear, isolation or excitement.	view. Therefore, the examiner is asking you how the writer feels about the idea in		
(Dxymoron	Two words which are the direct opposite next to one another.	question, based on the extract.		

Comparative phrases (for Questions 2 and 4)

Homework Links

- Use GCSEPod Pass4English to keep your terminology knowledge fresh.
- Answer practise questions under exam conditions

Key Vocabulary

Analyse – to examine in detail, typically in order to explain and interpret.

Summary – a brief statement or account of the main points of something, not including needless information.

Comparison – a consideration of the similarities or dissimilarities between two things.

All of the language techniques as well as the key words for comparison.

Subject: Mathematics Topic: Recall Knowledge

Areas		Volumes		Pythagoras		Gradient of a Line
Rectangle = $l \times w$	/	$Cuboid = l \times w \times h$	h	Pythagoras' Theorem For a right-angled triangle, $a^2 + b^2 = c^2$	c b	$m = \frac{y_2 - y_1}{x_2 - x_1}$
Parallelogram = b × h	h a	, Prism = area of cross section × length	sector length	Trigonometric ratios (<i>new to F</i>) sin $x^{\circ} = \frac{\text{opp}}{\text{hyp}}$, cos $x^{\circ} = \frac{\text{adj}}{\text{hyp}}$, tan $x^{\circ} = \frac{1}{2}$	opp adj	$m = \frac{\text{height}}{\text{base}}$
Triangle = $\frac{1}{2}b \times h$		Cylinder = $\pi r^2 h$	h	Compound measures Speed		Midpoint of two points between (x_1, y_1) and (x_2, y_2) $(\frac{x_1 + x_2}{2}, \frac{x_1 + y_2}{2})$
Trapezium = $\frac{1}{2}(a + b)h$	\xrightarrow{h}_{b}	Volume of pyramid = $\frac{1}{3} \times \text{area of base} \times h$	n n n n n n n n n n n n n n n n n n n	speed = distance time Density		ompound Growth & Decay
Literacy In Maths	Commar	d Words		volume		starting $(a + r)^n$
Evaluate	Work out and write your answer			Pressure	F	$amount \times (1 \pm \frac{7}{100})$
Work out	Working out is required			pressure = $\frac{1000}{area}$	P A whe	ere r is the rate of change.
Calculate	Working out is required. A calcu	ator may be needed.				\pm means + for growth and – for decay
Solve	Work out the values		Circles		Area of a Sa	Set Notation
Prove	All working must be shown in sto	ps to link reasons and values.	Circumforonoo -	Cip	Area or a Se	A U B
Expand	Multiply out of the brackets		$\pi \times \text{diameter, } C = \pi$	d Canada	$A = \frac{6}{3600}$	$\frac{1}{2} \times \pi r^2$
Draw	Draw accurately with a pencil an	d equipment.	Circumference =	Centre	ance	Intersection: in both A and
Explain	Use words to give reasons		$2 \times \pi \times \text{radius}, C = 1$	2mr Diameter Redus	Length of an	Arc
Factorise	The reverse process of expandin	g brackets. Remove the HCF.	Area of a circle =	$\langle \gamma \rangle$	$A = -\frac{\theta}{\theta}$	P(A or B) = P(A) + P(B)
Estimate	Work out an approximate answe	r using rounded values.	πx radius squared,	$A = \pi r^2$	360	P(A and B) = P(A) P(B)

Subject: Mathematics Topic: Ch16 Quadratic Equations and Graphs

Year / Group: 11F Term: 2

BIG QUESTIONS What existing knowledge must I revisit to extend my Algebra skills? How do I 'expand' in algebra and use this to form quadratic expressions?	Key Terms:Factorise: Putting an expression back into bracketsSolve: Find the values (or values) which can be put into an equation to make it trueQuadratic Equations: Equations which involve the second power of a variable e.g. x^2 or y^2 Quadratic Equations: e.g. x^2 or y^2	ressions mplify:Factorise:13) $x^2 - 2x - 3$ $= (x - 3)(x + 1)$ 2 $= (x - 3)(x + 1)$ 1Factorise and solve:4) $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ 1Factorise and solve:4) $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ 1Factorise and solve:4) $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ 1Factorise and solve:4) $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ 1Factorise and solve:1Factorise and solve:4) $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ 1Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:2Factorise and solve:2Factorise and solve:3Factorise and solve:4Factorise and solve:4Factorise and solve:4Factorise and solve:5Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:1Factorise and solve:2Factorise and solve:2Factorise and solve:3Factorise and solve:4Factorise and solve:4Factorise and solve:5Factorise and solve:4Factorise and solve:5Factorise and solve:5<	Reminders:Factorise a quadratic: $x^2 - 2x - 3 = (x - 3)(x)$ Factorise and solve a quadratice $x^2 + 4x - 5 = 0$ $(x - 1)(x + 5) = 0$ Therefore the solutions areEither $(x - 1) = 0$ $x = 1$ Or $(x + 5) = 0$ $x = -5$	Difference of two squares $a^2 - b^2 = (a + b)(a - b)$
What does it mean to 'solve a quadratic'? What is the best way? Sparx Maths U179, U768 U365, U178, U858	A quadratic graph will always be in the shape of a parabola. $y = x^2$ $y = -x^2$ $y = -x^2$ The roots of a quadratic graph are where the graph crosses the <i>x</i> axis. The roots are the solutions to the equation.	Line of symmetry x = -1 y = A quadratic its graph. The roots of possible so There can be for a quadratic its graph crosse Roots $x =$ x = y intercept	Examples = $x^2 + 2x - 8$ = equation can be solved from of the graph tell us the lutions for the equation. De 1 root, 2 roots or no roots atic equation. This is on how many times the sets the x axis. = -4 = 2 = -8	Homework Links Hegarty Maths MathsGenie.co.uk/ GCSE Corbettmaths.com/ contents bbc.co.uk/bitesize/ subjects

Subject: Mathematics Topic: Revision - Ch10 Percentages and Ch11/14– Multiplicative Reasoning

Year / Group: 11F Term: 2

BI How USI F Dec Pe	ractior cimals	TION Iltipliers Il life? ns, and ges	1. Increase or Decrease by a Percentage	Non-calculator: Find the percentage and add or subtract it from the original amount. Calculator: Find the percentage multiplier and multiply	$\frac{\text{Increase 500 by 20\%}}{(\text{Non Calc}):}$ 10% of 500 = 50 so 20% of 500 = 100 500 + 100 = 600 $\frac{\text{Decrease 800 by}}{17\% \text{ (Calc):}}$ 100%-17%=83% 83% \div 100 = 0.83	Interest • Simple interest is when the amount of interest stays the same for every year. • Compound interest is when the amount of interest changes every year as you earn interest on your interest. Compound Growth & Decay
F	D	Р		munipiy.	$0.83 \times 800 = 664$	The amount after <i>n</i> years (or days, etc.) is: U671, U286, U721, U640,
$\frac{1}{100}$	0.01	1%	2. Percentage	The numberTheyou multiply aby 1	e multiplier for increasing 12% is 1.12	amount $\times (1 \pm \frac{r}{100})^n$ U278, U773, U407, U357,
$\frac{100}{\frac{1}{10}}$	0.1	10%	Multiplier	quantity by to increase or decrease it by a The	multiplier for decreasing	where r is the rate of change. The \pm means + for growth and – for decay U332, U533, U364, U151, U910, U527
$\frac{10}{\frac{1}{5}}$	0.2	20%		percentage. by 1	12% is 0.88	Growth and Decay
$\frac{1}{4}$	0.25	25%		The by 1	e multiplier for increasing 100% is 2.	Mo invests £300 at a compound interest rate of 3% per annum. How much money is in his account after 4 years?
$\frac{1}{2}$	0.5	50%	3. Reverse Percentage	Find the correct	A jumper was priced at £48,60 after a 10%	Step 1 – Calculate the interest = 1.03 rate as a decimal multiplier
$\frac{3}{4}$	0.75	75%		the question, then work backwards to	reduction. Find its original price.	Step 2 – Substitute values into the formula for compound = $\pm 300 \times 1.03^4$ Final = Starting Amount = Amount × Decimal Multiplier
	•			find 100%		interest = £337.65
Find 1	5% >	× 0.15		Look out for words	100% - 10% = 90%	The original value of a car is £5000. The value of the car depreciates at a rate of 7.5% per annum. Calculate the value of the car after 3 years.
Find 3	s% >	× 0.03		like 'before' or 'original'	$90\% = \pounds 48.60$	Value $\times (1 - percentage as a decimal)^{years}$
Find 9	9% >	× 0.99		VI GINNI	$1\% = \pounds 0.54$ $100\% = \pounds 54$	$= 5000 \times (1 - 0.075)^{3} = 5000 \times (0.925)^{3}$ = £3957.27

Subject: Mathematics Topic: Ch15 Equations and Graphs



Subject: Mathematics Topic: Ch15 Equations and Graphs



Iteration - To find an accurate solution of an equation, we can use an iterative process.

Iteration is the repetition of a mathematical procedure applied to the result of a previous application, typically as a means of obtaining successively closer approximations to the solution of a problem.



Cubic Functions



Subject: Mathematics Topic: Ch16 Circle theorems



6. Variation and Evolution

Key term/question	Definition/answer
32. Variation	Differences that exist between individuals
33. Genetic variation	Characteristics that are determined by genes inherited form parents (e.g. eye colour)
34. Environmental variation	Characteristics that are determined by the environment which the organism lives in (e.g. language)
35. Mutations	A change in an organism's sequence of amino acids, causing a change in their DNA
36. Evolution	Today's species have evolved from a simple life form that first started to develop over 3 billon years ago
37. Species	Organisms that reproduce to give fertile offspring
38. Speciation	Two populations of one species become so different in phenotype that they can no longer breed to produce fertile offspring. Two new species are formed.
39. Darwin's theory of evolution (3)	 Individual organisms within a particular species show a wide range of variation for a characteristic. Individuals with characteristics most suited to the environment are more likely to survive and to breed successfully. These characteristics are then passed on to the next generation.
40. Today's theory of evolution by natural selection (4)	 <u>1.</u> Phenotypes are controlled by genes. <u>2.</u> New genetic variants arise from mutations. <u>3.</u> Mutations can cause phenotypes better suited to an environment. <u>4.</u> Beneficial genetic variants are passed on to offspring.

7. Evidence of evolution

Key term/question	Definition/answer
41 Fossils	Remains of organisms from millions of years ago, preserved in the environment.
42. How do fossils form? (3)	 <u>1.</u> From parts of organisms that have not decayed. <u>2.</u> When parts of the organism are replaced by minerals as they decay. <u>3.</u> Preserved traces of organisms, such as footprints, burrows and rootlet traces.
43. Why is there lack of evidence for how life began? (2)	 <u>1.</u> Early organisms were soft bodied which completely decays. <u>2.</u> Traces of early life have been mainly destroyed by geological activity (e.g. movement of tectonic plates)
44. Why do species become extinct? (5)	<u>1.</u> Habitat destruction <u>2.</u> New predator is introduced <u>3.</u> New pathogen is introduced <u>4.</u> Outcompeted by another new species <u>5.</u> Catastrophic event (e.g. volcanic eruption)
45. Antibiotic resistance	Bacteria evolve so they are not killed by antibiotics

8. Selective Breeding

Key term/question	Definition/answer
46. Selective breeding	Humans artificially select plants and animals to breed for particular genetic characteristics
47. What are the reasons for selective breeding? (4)	<u>1.</u> Disease resistance in food crops. <u>2.</u> Animals which produce more meat or milk. <u>3.</u> Domestic dogs with a gentle nature. <u>4.</u> Large or unusual flowers.
48. Inbreeding	Closely related animals or plants are bred together , which makes them more prone to disease or inherited defects
9. Genetic Engineering	J D
Key term/question	Definition/answer
49. Genetic engineering	The process of cutting out a useful gene from one organism and inserting it into another organism's cells.
50. Reasons for genetically modified (GM) crops (3)	 <u>1.</u> Resistant to diseases. <u>2.</u> Produce bigger vegetables and crops. <u>3.</u> Improves the appearance of vegetables and crops.
51. Benefits of GM crops (3)	<u>1.</u> Increases crop yield to make more food. <u>2.</u> To grow disease resistant crops. <u>3.</u> To include vitamins and minerals in crops.
52. Concerns of GM crops (3)	<u>1.</u> Decreases population of wild flowers and insects. <u>2.</u> Crops may be harmful to human health. <u>3.</u> Genes may spread to wild populations (e.g. weeds)
53. Reason for genetic engineering in medicine	To remove inherited disorders

10. Classification

Key term/question	Definition/answer
54. Classification	Organisms are grouped together depending on their structure and characteristics. Developed my scientist, Carl Linnaeus.
55. Linnaeus classification order	Kingdom → Phylum → Class → Order → Family →Genus→ Species
56. Three-domain system	New model of classification due to evidence available from chemical analysis of organisms. Developed my scientist, Carl Woese.
57. Three-domain system groups (3)	 <u>1.</u> Archaea (primitive bacteria usually living in extreme environments) <u>2.</u> Bacteria (true bacteria) <u>3.</u> Eukaryota (which includes protists, fungi, plants and animals).
58. Binominal system	Naming organisms using a two-part Latin name 12
59. Human's binominal name	Homo sapiens

Chemistry 8: Knowledge Organiser			<u>B) Gas tests</u>	B) Gas tests		
A) Purity and formulations			Key term/question	Definition/answer		
Element	Compound	Mixture	16. Test for oxygen	<u>1.</u> Put a glowing splint into a test tube containing the gas <u>2.</u> if oxygen is present, it will relight the glowing splint		
Key term/question	Definition/answer		17. Test for hydrogen	<u>1.</u> Hold a lit splint at the end of a test tube <u>2.</u> if hydrogen is present, you'll hear a 'squeaky pop'		
1. Atom	The smallest particle of an element that of	can exist		POPIII		
2. Element	Substance which consists of only one typ	e of atom				
3. Compound	More than two elements chemically combined			+ H ₂ gas		
4. Mixture	More than two elements that are not chemically combined					
5. Pure substance	A substance that only contains one element or compound					
6. Examples of pure substances	Water (H_2O), carbon dioxide (CO_2), sodiu	Water (H_2O), carbon dioxide (CO_2), sodium chloride (NaCl)		<u>1.</u> Bubble gas through lime water (calcium hydroxide) <u>2.</u> if carbon dioxide is present, the lime water turns cloudy		
7. Examples of impure substances	Orange juice, milk, honey		dioxide			
8. How do we test for pure substance	By melting or boiling the substances					
Melting point/boiling point of pure substances	Sharp (specific temperature)					
10. Melting point/boiling point of impure substances	Wide range		10. Test for chloring	Limewater		
11. The effects of impurities on melting and boiling points (2)	<u>1.</u> Lowers the melting point <u>2.</u> increases	the boiling point		gas <u>2.</u> if chlorine is present, it will bleach the litmus paper white.		
12. Melting/freezing point of water	0°C			THA		
13. Boiling/condensing point of water	100°C					
14. Formulation	A useful mixture with a precise purpose made by following a formula			Chlorine gas		
15. Examples of formulations Fuels, cleaning agents, paints, medicines, alloys, fertilisers		, alloys, fertilisers				

chemistry of hequired Huttled 12	
Key term/question	Definition/answer
1. Solute	Substance that is dissolved in a solvent
2. Solvent	The liquid in which the solute is poured and dissolved into
3. Solution	Solute and solvent combined
4. Paper chromatography	Method of separating and identifying substances in a mixture
5. Chromatogram	The pattern or spots formed as a results of separating a mixture using chromatography
6. Solubility	How well a substance dissolves
7. What are the two phases of chromatography? (2)	 Mobile phase 2. Stationary phase
8. Mobile phase	Where molecules can move (e.g. solvent such as liquid and gas)
9. Stationary phase	Where molecules cannot move (e.g. solid such as paper)
10. What happens to molecules with a higher solubility?	They will move further up the paper (closer to the solvent line/front)
11. What happens to molecules with a lower solubility?	They will move less up the paper (stay closer to the baseline/ pencil line/ start line)
12. How do you know the substance is pure?	Will only form one spot
13. How do you know the substance is impure?	More than one spot will form
14. R _f value	Ratio between the distance travelled by the dissolved substance and the distance travelled by the solvent
15. R _f value calculation	R _f value = distance travelled by the substance ÷ distance travelled by the solvent
16. The higher the R _f value =	The more time a substance spends in the mobile phase

Chemistry 8: Required Practical 12 - Analysing Paper Chromatography

A. Method for paper chromatography

- Draw a pencil line on a piece of chromatography paper.
- Spot the mixture to be separated on the pencil and let the spot dry.
- Pour water into a beaker.

1. 2.

3.

4. 5.

6.

8.

- Stand the paper in the beaker so that the water is below the pencil line.
- Leave until the water has almost reached the top of the paper.
- Remove the paper and hang the chromatogram up to dry.
- 7. Measure the distance travelled by each spot.
 - Calculate the R_{f} value and compare the R_{f} values for each of the spots of ink

B. Identifying results using chromatography

Worked example 1: A scientist tested an orange juice to find out what additives it contained. What additive did the orange juice contain?

The additive E102 is in the same line as one of spots of the orange juice. This means the orange juice only contains the additive E102 and does not contain the other additives.





C. Calculating the R_f value

Physics (P6) Waves Knowledge Organiser

A) <u>Transverse and longitudinal waves</u>			
Key term/question	Definition/answer		
1. What is a wave?	An oscillation that transfers energy without transferring matter.		
2. Describe a transverse wave	Oscillations occur at right angles to direction of energy travel.		
3. Describe a longitudinal wave	Oscillations occur parallel to direction of energy travel.		
 For longitudinal waves define 'compression' 	Particles are compressed together.		
 For longitudinal waves define 'rarefaction' 	Particles are spread apart		
6. Give three examples of transverse waves	 <u>1.</u> Electromagnetic waves <u>2.</u> Ripples on water <u>3.</u> Waves on a string 		
7. Give two examples of longitudinal waves	<u>1.</u> Sound <u>2.</u> Plucked slinky		

B) Properties of a wave	
Key term/question	Definition/answer
8. Amplitude	Maximum displacement from point of zero
9. Wavelength	Distance from a point on a wave to the equivalent point on the next wave.
10. Frequency	Number of wave cycles in 1 second
11. Period of wave	Time taken for one cycle of a wave to be completed.
12. Formula for calculating the period of a wave	Period = 1 ÷ frequency T = 1 ÷ f
13. Unit of frequency	Hz = Hertz
14. Unit of time	s = seconds
15. Formula linking wave speed,	wave speed = frequency × wavelength
frequency and wavelength	$v = f \lambda$
16. Unit of speed	m/s = metres per second
17. Unit of wavelength	m = metres

Diagram of a transverse wave



Physics (P6) Waves Knowledge Organiser

<u>C) Waves at a boundary</u>									
Key term/question		Definition	Definition/answer						
18. List what happens to a wave at a boundary between two different materials?		<u>1.</u> Reflection	on <u>2.</u> Abs	orption <u>3.</u> Transmis	ssion <u>4.</u> Refracti	on			
19. Reflecti	on			A wave bo	unces of	the surface of a m	aterial		
20. Absorpt	ion			The wave's stopped	The wave's energy is transferred to the material and the wave is stopped				
21. Transm	ission			Waves pas	s throug	n a material			
22. Refracti	on			Wave char changes sp	nges direo Deed	ction as it travels th	rough a materia	I because it	
HIGHER TIER Speed increases and bends away from line of normal 23. What happens to a wave when entering a less dense material?									
HIGHER TIER 24. What happens to a wave when entering a denser material?		Speed dec	Speed decreases and bends towards the line of normal						
	transmissi	on	refle	ection	,	refraction	absorp	tion	
<u>Electroma</u>	gnetic specti	<u>um</u>					Mnemonic	Spectrum	
Long wa	velength ——				→ S	hort wavelength	Ra ging	R adio	
Radio waves	Microwaves	Infrared	Visible light	Ultraviolet	X-rays	Gamma rays	M artians In vaded	M icrowaves Infrared	
Low frequency					High frequency	V enus	V isible		
5	~		0	0.0			U sing	U ltraviolet	
						X -ray	X -rays		
				G uns	G amma rays				

D) Electromagnetic waves	
Key term/question	Definition/answer
25. What is the	A set of electromagnetic waves all travelling at
"electromagnetic spectrum"?	the same speed in a vacuum
26. Electromagnetic waves with	Radio
the longest wavelength and	
27 Electromagnet waves with	Gamma
the shortest wavelength and	
highest frequency	
28. Uses of radio waves	Television and radio
29. Uses of microwave	Cooking, mobile phones, satellite
	communications
30. Uses of infra-red waves	electrical heaters, cooking food, infrared
	cameras
31. Use of visible light	Optical fibres
32. Uses of ultraviolet light	Fluorescent bulbs, tanning beds, Counterfeit
	note detection
33. Use of X-rays	
34. Uses of gamma rays	Sterilising medical equipment, treating cancer
35. Dangers of over exposure to ultraviolet light (3)	 Premature aging of skin <u>2.</u> skin cancer <u>3.</u> retinal damage
36. Ionising radiation	Radiation that has enough energy to knock
	electrons off atoms.
37. Types of ionising radiation	X-rays and gamma rays
38. Dangers to over exposure of	Cell destruction, Gene mutation and cancer
x-rays and gamma rays	
39. Radiation dose	A measure of the risk of harm from the body being exposed to radiation
40. Unit of measure for	Sv = Sieverts
radiation dose	
	16









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Summary of the Anglo-Saxon Period

By the time of King Edward the Confessor (1042-66), England had been mostly under the control of Anglo-Saxons for 600 years. Through those centuries, England had developed a very strong government. It also had a prosperous economy, boosted by extensive trade links across the North Sea and the Channel. England was a Christian country, but Christian teachings were mixed with ancient beliefs about how people should behave. One key belief was that, in return for protection from a lord, his people owed him service. For example, in return for land to farm, a man would owe military service to his lord.

England had faced terrible threats for centuries: the Vikings. These Scandinavians had settlements along the coast of Europe. In England, their raids were followed by invasions, so that many parts of Northern England had Viking settlers. One reason the Anglo-Saxons had a very well organised government was because of the need for Anglo-Saxons to work together to deal with the Vikings. Across the channel Viking settlers had taken control of Normandy, they remained a real military threat.

Key Anglo-Saxon Vocabulary

Witan – The council that advised the king on issues of government. Made up of the most important Earls and Archbishops

Ceorls – Free peasant farmers not tied to their land

Thegns – Local lords that usually held more than 5 hides of land

Earls - The highest Anglo-Saxon aristocracy

Shire reeve – An official of the king; his sheriff. Sherriff's managed the king's estates, taxes and courts.

Danelaw – The part of England where Danish (Viking) power had been strongest and which had kept some of its Danish laws instead of Anglo-Saxon ones.

Embassy – An official visit by a representative of one ruler to another ruler

Housecarls – Highly trained troops that stayed with their lord wherever he went; a bodyguard

Fyrd – The men of the Anglo-Saxon army and fleet. Every 5 hides provides one man for the fyrd.

Geld tax – A tax on land, originally to pay off the Vikings (Danegeld). It went to the king.

Collective responsibility – The duty of all members of a tithing to hunt for a criminal (hue and cry)

Key Anglo-Saxon Dates

- 1042 Edward the Confessor becomes King of England
- 1053 Death of Earl Godwin. Harold Godwinson becomes Earl of Wessex
- 1055 Tostig Godwinson is made Earl of Northumbria
- 1064- Harold's embassy to Normandy
- 1065- Uprising against Earl Tostig: Tostig exiled
- 1066 Edward the Confessor dies

Key Individuals involved at the end of the Anglo-Saxon Period

Edward the Confessor

A very religious king. Not a warrior king, but his earls and their Thegns were a powerful military force and he relied on his earls, especially Earl Godwin, to protect England from attack.

Earl Godwin

The father of Harold Godwinson. The house of Godwin began in 1018 during Kind Cnut's reign, when Cnut made his favourite advisor. Godwin Earl of Wessex. Godwin was probably the son of an Anglo-Saxon Thegn.

Harold Godwinson, Earl of Wessex

Harold became the Earl of Wessex upon his father's death in 1053. His sister had married the king in 1045 which made him brother-in-law to the king himself. Becoming the Earl of Wessex had made him very rich with influence over hundreds of Thegns and a powerful position as advisor to the king. He was also a very strong military leader.

Tostig Godwinson, Earl of Northumbria

Tostig became Earl of Northumbria in 1055 after the death of Earl Siward. Northumbria had their own laws and customs compared to the southern upbringing that Tostig had received. He was not popular with the men in the North.

William of Normandy

Edward the Confessors mother was from Normandy and when the Vikings seized the throne, Edward was exiled there for 25 years. William claims Edward had promised him the throne as a result of this bond.



Slaves

Thegas

Peasant farmer

Summary of why there were battles for the Kingdom of England in 1066

Edward the Confessor died on 5th January 1066, there was no heir to succeed him. The Bayeux Tapestry shows the death of Edward the Confessor at his palace in Westminster. Edward is with a small circle of people: his wife Edith, who sits at his feet; Stigand, the Archbishop of Canterbury; one of Edward's ministers and Harold Godwinson. Edward is shown holding out his hands to Harold. Other sources report that Edward said to Harold 'I commend this woman (Edith) with all the kingdom to your protection.' Harold understood this to mean that he was to be king – Harold II. However, others though that they had better claims to the throne; a situation that made the year 1066, a very eventful one.

There was to be three major battles with only two coronations. You will see how Harold Godwinson fought both Harald Hardrada and William of Normandy , leaving England in the hands of the Frenchman who would ultimately change the face of society, as they knew it.

Key dates of 1066

5 January – Edward the Confessor dies

6 January – Edward is buried

6 January- Harold's coronation ceremony takes place

8 September – after waiting for a potential invasion for 9 months Harold sends his soldiers, the fyrd back to collect their harvest

19 September – Harold hears of Hardrada and Tostig's invasion

20 September – The Battle of Gate Fulford. The English lose and Harold leaves London

25 September – The Battle of Stamford Bridge

28 September - Harold hears that William has landed in the South, Pevensey. Harold rushes southward.

6 October – Harold reaches London to collect men and supplies, he leaves to march South on the 12th

14 October – The Battle of Hastings

Key Individuals: Claimant to the throne in 1066

Harold Godwinson- based his claim on the king's death bed words, his family connection to him (brother-in-law), and his role in recent years as the king's right hand man, his influence with the Thegns and his proven military prowess.

Edgar Aethling- As Edwards nephew, Edgar was directly descended from royal blood. At 6 years old he was left in Edwards care when his father died but Edward did not attempt to boost Edgar's chances of succession. With the threats of invasion ahead, the Witan may have been wise not to promote the teenagers claims to the throne.

Harald Hardrada- was the king of Norway. A fearsome Viking warrior who based his claim to the throne on secret Viking deals and treaties. A complicated claim but the point is. He felt his claim was strong enough to launch an invasion. He may not have originally intended to take up his claim but with the exiled Tostig at his side, he may have thought he had a better chance.

William of Normandy- His claim was based on an agreement William was said was made between Edward the Confessor and himself around 1051, an agreement that was supposedly confirmed by Harold's embassy to Normandy in 1064. William had come to England and Edward had promised him his throne, perhaps if Edward dies childless. William had managed to obtain the Pope's backing for this claim, which proved very important in getting the support William needed to launch his invasion.

William's knights



Knight - a man who served his king or lord as a mounted soldier in armour

Mercenary - a professional soldier hired to serve in a foreign army

Summary of how William maintained control and Normanised England

While the leaders of Anglo-Saxon England accepted William as their king, it would take many years before he could feel secure. He needed to reward his followers with land and money, which meant Anglo-Saxons losing power to the Normans. This would lead to rebellions which William was able to protect against using castles. But the Normans could impose other methods of control, namely social and economic ones; taking away the Anglo-Saxons use of land. By 1075 the kingdom was free of rebellions, however this was when his own followers mounted a rebellion against him and challenged his control of the kingdom.

The feudal system bought in by William had many similarities to how Anglo-Saxon society was organised. Historians have identified lots of continuity and change throughout Norman England. It was obviously governed by different people but its purpose was not only to maintain Norman control but boost the power and wealth of the king. The Domesday book was the crowning achievement of William's government of England: a record of who owned what and how much they owed the king in taxation. How did the Anglo-Saxons fare in

this new Norman world and would William's death, ultimately bring Peace?

Key Vocabulary used to demonstrate the maintenance of power

Submission: Formal acceptance of and surrender of authority

Marcher earldom: Anglo-Saxon term for the new Earldoms set up on the border with Wales

Motte and Bailey: (Motte) The mound of earthy as castle stood on. (Bailey) The outer part of the castle, surrounding the motte and protected by a fence or wall. **Palisade:** The fence around the Motte and Bailey

Keep: A strong wooden structure on top of the motte.

Harrying: An archaic (old) word meaning to lay waste to something, to devastate it.

Guerrilla war: When small bands attack a larger force by surprise and then disappear back into the local population. It is a modern term.

Genocide: A deliberate and organised attempt to exterminate an entire group of people.

Tenants-in-chief: The large landowners of Norman England who held their land directly from the king (known as Earls in Anglo-Saxon England)

Forfeiture: To lose something as punishment for committing a crime or bad action.

Tenure: 'To hold' in Latin – it is a short, but precise, way of talking about landholding and landownership

Vassal: Someone who held their land in return for services to their Norman lord. **Reconciliation:** To find ways for former enemies to forgive each other.

Key Events to Maintain Control

William builds castles (motte and bailey) to help establish control by intimidating the local Anglo-Saxons.

William introduces the Marcher Earldoms to 1, appease his followers by giving them lands 2, protect from attacks from the Welsh.

The revolt of Edwin and Morcar: With William out of the country these Earls felt they could take advantage and plan a rebellion to protest at the tyranny of William's rule.

Edgar Aethling returns with the backing of Malcolm III of Scotland – rebels from Northumbria join him.

Robert Cumin a leading Norman Baron is murdered by the rebels, William will avenge this death in spectacular style

The Danish also arrive to launch an attack but William is able to pay them off. They do not step foot on English territory.

Hereward the Wake launches an attack on the Normans from the island of Ely.

William launches the Harrying of the North, destroying land within a 60 mile radius, killing people, animals and crops to demonstrate his power and the lengths he would go to put down these rebellions.

William makes huge changes to landownership in England. New Earldoms, forfeiture and land grabs.

Key dates in Maintaining Power

1066 – Submission of the Earls

- 1068 The revolt of Edwin and Morcar
- 1069 The rebellions in the North, Edgar Aethling.
- 1070 71 The return of the Danes and the rebellion at Ely (Hereward the Wake)
- 1069-70 The Harrying of the North led by William I
- 1071 Major changes to Landholding under the Normans
- 1075 Rebellion of Roger and Ralph (Norman rebels)

Major Anglo-Saxon earldoms forfeited to the king: 1066 – Godwinson's 1070 – Morcar / 1071 – Edwin 1076 - Waltheof

Key vocabulary OF Norman England

Feudal system: The system of land offered in return for rent and loyalty in Norman England **Hierarchy** - a system in which members of an organization or society are ranked according to relative status or authority.

Fief: Land held by a vassal in return for service to a lord. Also called a 'feud' (i.e. feudalism)

Knight service: The duty to provide a mounted knight to the king in exchange for a grant of land. The vassal had to ensure he had the right armour, weapons and equipment to carry out their service.

Homage: To demonstrate allegiance to another person publically

Tenants-in-chief: The large landowners of Norman England who held their land directly from the king (known as Earls in Anglo-Saxon England)

Forfeiture: To lose something as punishment for committing a crime or bad action.

Vassal: Someone who held their land in return for services to their Norman lord.

Regents: Someone appointed to act for a king or queen when they are underage, unable to rule because of illness or out of the country

Demesne: The land that the king or a tenant keep for his own use rather than granting it as a fief to an under-tenant. It is pronounced 'de-mean'.

Forest laws: New laws introduced by William to protect animals and vegetation. Not always a forest but all 'green areas' belonging to the king.

Domesday book: A survey ordered by William to investigate the landholdings of each shire: who held what land, what taxes they owed the king, and whether they could pay anymore.

Aristocracy: The people in society who are seen as being important because of their wealth and power, which they have often inherited from their parents and ancestors.

A summary of key social changes

Group	Anglo-Sayon England	Norman England
Slaves	About 10% of the population. Owned nothing; treated as property.	Normans thought slavery was wrong and sometimes freed slaves.
Peasants	About 80% of the population. Most peasants owed labour service to their lord, but some were 'free men' who could, if they wanted, take their labour to another lord.	Feudalism reduced the number of free peasants and tied everyone closer to complete dependence on their lord. Demands for more revenue from lords put more pressure on peasants.
Warriors	The thegns in Anglo-Saxon England: around 5–6,000. They owned five hides of land or more, as did the local lords. They owed military service in return for land.	The thegns were destroyed as a class and replaced by the vassals of the tenants-in-chief: often knights owing knight-service, who were often also lords of small manors.
Aristocrats	The great earls were serious challengers to the king in wealth and power, with thousands of thegns loyal to them and huge revenues from their extensive landholdings. They were the king's military leaders and swore loyalty to him	Normans replaced Anglo-Saxons as earls, earldoms were made smaller and earls became tenants-in-chief like barons, bishops and abbots. All paid homage to the king in return for land and forfeited their lands if they failed the king.

Key Individuals Norman England

William the Conqueror – The victor of the Battle of Hastings and William I of England.

Archbishop Stigand – The Anglo-Saxon Archbishop that retained his position until 1070

Archbishop Lanfranc – A loyal follower of William, a Norman replacement for Stigand

Odo of Bayeux – Williams half brother who acted as his regent when William was in Normandy

William FitzOsbern – William's best friend and loyal follower, also acting as regent in his absence. His son however, would rebel against William in 1075 after failing to inherit his fathers lands and power.

Robert Curthose – William's eldest don who was set to inherit Normandy after William's death. A tempestuous relationship with his father resulting in Robert rebelling against his father in 1087.

William Rufus – William's second son who was set to inherit England following his death. Successfully triumphed against Robert and Odo who attempted to take the kingdom from him.

Key dates in Norman England

1070 – Stigand was replaced by Lanfranc as the Archbishop of Canterbury.

1076 – William fought with his son Robert during a rebellion in Rouen, France.

1080 – William restored Robert as his chosen heir for Normandy

1082 – William imprisons his brother Odo

1086 - Domesday Book is published

1087 – Death of William I

1088 – Odo leads a rebellion against William II (Rufus) with his brother Robert Curthose

Geography Tectonic hazards

BIG QUESTIONS

Intro: What are Natural Hazards?

- 1. Where are all the earthquakes and volcanoes?
- **2.** What happened in Chile in 2010?
- 3. What happened in Gorkha, Nepal in 2015?
- 4. Are we ever able to predict a natural disaster?
- 5. Why do people risk living next to a volcano?
- 6. Are we able to reduce the impacts of a natural hazard or disaster?

Homework earthquake case studies...

<u>Two Earthquakes Compared -</u> <u>Nepal and L'Aquila - Internet</u> <u>Geography</u>

Chile and Nepal <u>AQA Geography</u> <u>GCSE: The Challenge of Natural</u> <u>Hazards - PMT</u> (physicsandmathstutor.com)

<u>Volcanoes</u>

Definition: a mountain or hill that erupts. **Characteristics:**

- They can be described as active, dormant or extinct.
- Volcanoes are usually found at plate boundaries or hot spots.
- There are 2 main categories: lava volcanoes and ash (pyroclastic) volcanoes.
- Types of volcano include shield volcanoes that are low hills with gentle sloping sides and composite volcanoes, which are higher mountains with steep sides.
- The top of the volcano is called a crater. If this collapses, a caldera can form.

Facts and figures: 350 million, or one in 20 people in the world live within "danger range" of an active volcano

Place: the world's largest active volcano is Mauna Loa in Hawaii standing at 4,169m.



<u>Earthquakes</u>

Definition: a sudden violent shaking of the ground, caused by movements within the earth's crust.

- About 90% of the world's earthquakes happening around the "Ring of Fire".
- Earthquakes occur at destructive, collision and conservative plate boundaries.
- Seismographs are used to monitor the movements on the Earth's surface.
- Some earthquakes trigger tsunamis.
- Retrofitting is used to add strength to existing structures, such as buildings and bridges, to reduce the impact of earthquakes.

Facts and figures: the largest recorded earthquake in the world was a magnitude 9.5 in Chile on May 22, 1960.

Place: areas regularly affected by earthquakes include: California in the USA, Japan and New

Zealand.



<u>Tsunamis</u>

Definition: a long, high sea wave caused by an earthquake or other movements in the surface of the Earth. Tsuhami means "great harbour wave" in Japanese.

Characteristics:

- Tsunamis are most common in the Pacific Ocean.
- They can be caused by volcanoes but most commonly earthquakes.
- Tsunami waves can rise 35m or higher.
- The Pacific Tsunami Warning System, based in Hawaii in the USA, detects tsunamis and sends out warnings.

Facts and figures and place: 'The Boxing Day' earthquake in the Indian Ocean off Indonesia in December 2004 caused a tsunami that killed over 200,000 people in 14 countries.

In March 2011, the Tohoku earthquake in Japan caused a tsunami

that killed over 150,00 people.

Types of Plate Margins

Destructive Plate Margin

When the denser plate subducts beneath the other, friction causes it to melt and become **molten magma**. The magma forces its ways up to the surface to form a volcano. This margin is also responsible for **devastating earthquakes**.

Constructive Plate Margin

Here two plates are moving apart causing new magma to reach the surface through the gap. Volcanoes formed along this crack cause a submarine mountain range such as those in the Mid Atlantic Ridge.

Conservative Plate Margin

A conservative plate boundary occurs where plates slide past each other in opposite directions, or in the same direction but at different speeds. This is responsible for earthquakes such as the ones happening along the San Andreas Fault, USA.











Earthquake Management

PREDICTING

Methods include:

- Satellite surveying (tracks changes in the earth's surface)
- Laser reflector (surveys movement across fault lines)
- Radon gas sensor (radon gas is released when plates move so this finds that)
- Seismometer
- Water table level (water levels fluctuate before an earthquake).
- Scientists also use seismic records to predict when the next event will occur.

PROTECTION

You can't stop earthquakes, so earthquake-prone regions follow these three methods to reduce potential damage:

- Building earthquake-resistant buildings
- Raising public awareness
- Improving earthquake prediction

	The structure of the Earth		Convection Currents	occur immediately. Secondary effects – impact that occur as a result of t	
The Crust	Varies in thickness (5-10km) beneath the ocean. Made up of several large plates.	The	e crust is divided into tectonic plates which are moving due to convection currents in the mantle.		
	Widest layer (2900km thick). The heat	1	Radioactive decay of some of the elements in the core and mantle generate a lot of heat.	Seismic Waves – an elast wave in the earth, travell	
The Mantle	state that is in a state of convection.	2	When lower parts of the mantle molten rock (Magma) heat up they become less dense and slowly rise .	out from the focus, cause an earthquake.	
The Inner and	Hottest section (5000 degrees). Mostly made of iron and nickel and is 4x denser	3	As they move towards the top they cool down, become more dense and slowly sink .	oceanic plate sinks benea continental plate.	
outer Core	than the crust. Inner section is solid whereas outer layer is liquid.	4	These circular movements of semi-molten rock are convection currents		

mantle caused by the heat from the core. Conservative plate margin – tectonic plates slide past each other. Constructive plate margin – tectonic plates moving apart. Destructive plate margin – tectonic plates moving towards, with one subducting under another. **Epicentre** – the point directly above the focus on the surface. **Focus** – the point between two tectonic plates, where pressure is released as a jolt. **Immediate responses** – how people act straight away following a natural event. Long-term responses – how people act weeks, months or years after the natural event. **Primary effects** – impacts that icts the tic ling ed by dense ath a

Key vocabulary

Convection Currents – the

circular movement in the

23

Year : 11 Term: 2

BIG QUESTIONS

How can the study of other artists help you find your own direction in the development of ideas?

Describe the process of development in artists' work.

Compare similarities and differences in artists' work.

Explain why primary sources are the richest form of research.

How can Secondary sources enrich the development of ideas?

List different ways of recording your observations of the subject matter.

Why should you plan a wide range of ideas before selecting a final one?

How can the refining process help you to fully realise intentions?

Overarching Big Question

(Past Exam Question) Many artists use personal histories as the inspiration for their work. Paula Rego frequently creates paintings that refer to episodes in her childhood. Frida Kahlo's paintings often related to her life experiences. The images and memories of his early years in Belarus were a major inspiration for the work of Marc Chagall. The vivid colours found in India influenced the early sculptures of Anish Kapoor. Students will be asked to consider appropriate sources and produce their own response **to Personal histories**.



Key Skills			
RECORD I will independently record • images and information appropriate to the theme • using wet, dry and digital media • examples of artists work appropriate to the theme • information about artists, showing appreciation of how they use media and techniques to create meaningful work.	DEVELOP I will independently develop my observation skills using a range of media, techniques and processes. artwork and ideas from primary sources my knowledge and understanding of artist styles and techniques my drawing and planning skills ideas in response to a given theme, linking to artists work my higher order thinking skills	Tasks linked to t 'Personal History per cycle)	
REFINE I will independently experiment making the most of media and techniques relevant to my intentions select ideas to adapt and improve e.g. adjustments to size, colour and composition. develop a piece of work from one media into another	EVALUATE I will independently analyse and reflect on the development of my own work, through annotation making connections to artists and suggesting ways I could I improve. evaluate artists using analytical writing skills and forming opinions.	Key Voca Theme Identity/Perso Heritage/Cultu Family/Relatio Belongings/Ho Memories/Eve	
PRESENT OUTCOMES I will independently prepare a plan for a final piece to be completed during the 5-hour Mock Exam.		Tone/Texture/ Colour/Form/S Media/Technic Composition/H Primary source Secondary Source Secondary Source I will be expected keywords learned projects and used	

ork Links

the theme ries' (2 hours



abulary

onality/ ture/Society/ ionships/ lobbies/ vents etc.

/Shape/ /Scale/ ique/ /Research/ ce/ purce

ed to recall ed in previous e them in the ntext.

EVALUATING ARTISTS' WORK

- 1. Describe the piece of art you are looking at
- 2. What is the name of the artist or type of art?
- 3. What art movement or culture does the art link to?
- 4. Research and list 5 or more things about the artist or culture?
- 5. What important things have happened in the country that the art comes from?
- 6. What has influenced the art E.g. other artists, people, personal experiences, society, culture, politics, gender, colour, pattern, movement, religion, travel, places, objects etc.
- 7. Describe the materials used to make the art
- 8. How has the art been produced?
- 9. What is being communicated through the art?
- 10. Which of these words best describes the mood of the picture? EMOTIONAL/POWERFUL/BUSY/SLOW/PEACEFUL/WARM/COLD/HAP PY/SAD/CALM/INTENSE/SCARY can you think of any other words?
- 11. What do you like or dislike about the picture? Explain your reasons...

ANNOTATING YOUR OWN WORK

- In this artwork I was trying to...
- The artist/culture that has influenced my work is...
- The source I have used is...
- I found the source I used at...
- In this artwork I used the technique of...
- The media I have used is...
- I like/dislike this piece because...
- My idea links to the theme because...
- I can improve this piece by...
- I could develop this work further by...

Annotate means to explain your own creations Artist evaluation is when you write about the artist Project evaluation is written about the whole project at the end

END OF PROJECT EVALUATION

- 1. Describe each stage of the project from start to finish
- 2. What media did you use to produce your work? E.g. Paint/Pencil/Clay etc.
- 3. Describe how you used different techniques in your project? E.g. painting/drawing/modelling with clay etc.
- 4. Which artist's culture have you looked at?
- 5. Write down 2 or more similarities between your work and the artist's work.
- 6. Which piece of your work best shows the Artist's style or the influence of another culture and why?
- 7. Describe some of your own ideas...
- 8. Have you used a primary or a secondary source?
- 9. Have you included the secondary source in your work? Where did you find it?
- 10. Imagine your final piece was displayed in a public place.... Describe the effect looking at your work might have on people and society. E.g. relax them, make them feel sad, curious, happy, angry, thoughtful, surprised, confused, nostalgic etc. explain why e.g. because of your use of colour, images, content, arrangement? etc.
- 11. Explain any other influences on your work e.g. personalities (including your own), places, memories, objects, politics, events, activities, religion, fact, fiction etc.
- 12. Describe how your work links to the project theme?
- 13. Explain what you have done well...
- 14. Explain how you could improve...
- 15. What would you do differently, if you were to repeat any part of this project?

Subject: Cambridg Unit: R180: Red	e National Level 1 / 2 Sport Science lucing the risk of sports injuries and	I dealing with common medical con	ditions Years: 9, 10, 11 Terms: 1-6
 Big Questions How do different extrinsic factors influence the risk and 	Topic Area 1: Different factors which influence the risk and severity of injury	Topic Area 2: Warm up and cool down routines	Topic Area 3: Different types and causes of sports injuries
 How do different intrinsic factors influence the risk and severity of injury? What are the key components of a warm up? What are the 	 Key Terms: ✓ Extrinsic factors – where the factor or risk of injury comes from outside the body ✓ Intrinsic factors – where the factor or risk of injury comes from within the body ✓ Contact sports – sports where physical contact between performers is an accepted part of play 	 Key Terms: Warm up - exercises to prepare the body for exercise so that the chances of injury or ill effects are reduced. Dynamic stretches – active stretching exercises. Adrenaline - hormone that prepares the body for exercise. Lactic Acid - waste product of anaerobic exercise, it causes fatigue 	 Key Terms: Acute injuries – injuries caused by impacts or collisions. Chronic injuries - injuries caused by continuous stress. Soft tissue injuries - injuries to muscles, tendons or ligaments. Hard tissue injuries – injuries to part of the skeletal system, such as fractures or dislocations
 4) what are the physiological and psychological benefits of a warm up? 5) What are the key components and 	 Non-contact sports – sports where participants compete alternately, or are physically separated, or the rules detail no contact. Hypothermia – a dangerous drop in body temporature below 25°C 	 Anaerobic exercise; it causes fatigue. Anaerobic – without oxygen; oxygen is not used to produce energy during high-intensity, short-duration anaerobic exercise. Cool down - easy exercise done after a 	 Strains - injuries to muscles. Sprains - injuries to ligaments. Ligaments - tissue that connects bone to bone and strengthens joints. Abrasion - surface damage to the chine
b) b) b	 Veterans – performers above a certain age that is specific to the sport. Psychological factors – mental factors that affect a performer. 	 more intense activity to allow the body to gradually move to a resting condition. Maintenance stretches - stretches designed to just maintain flexibility. 	 Gut - skin wound where the tissues of the skin become separated. Laceration - a torn or jagged wound caused by a sharp object
7) What are the types and causes of chronic injuries?8) How can you reduce the	 Wotivation - the drive to do something. Arousal - level of activation or excitement. Anxiety - negative emotional state due to nervousness 	 Static stretcnes – stretcnes where the stretched position is held for many seconds in an attempt to improve flexibility. Proprioceptive neuromuscular facilitation (PNF) - advanced form of 	 Contusion - bruise caused by blood leaking into the surrounding area. Blister - bubble on the skin caused by friction. Fracture - partial or complete break in
risk and severity of an injury or medical condition? 9) What are common	 Stress – the feelings we get when we find it difficult to cope with the demands placed on us. Confidence – belief in your own ability 	flexibility training, involving both the stretching and contracting of the muscles being targeted. ✓ Delayed onset muscle soreness – muscle pain that starts a day on two	 a bone. Dislocation - when a bone is dislodged from its position in a joint. Concussion - head injury in which the
 responses and treatments to medical conditions? 10) What are the common causes, symptoms and 	 to master a situation. ✓ Aggression – Intention to cause harm. ✓ Mental rehearsal – going over a skill in the mind before performance. 	after an exercise workout.	 brain is shaken inside the skull. Tendonitis - inflammation of the tendons. Epicondylitis - inflammation of an epicondyle of a bone.
treatments of medical conditions?			 Stress fracture – tiny cracks in a bone caused by repetitive force, often from overuse.

Subject:Cambridge National Level 1 / 2 Sport ScienceYeUnit:R180: Reducing the risk of sports injuries and dealing with common medical conditionsTe

Big Questions

- 1) How do different extrinsic factors influence the risk and severity of injury?
- 2) How do different intrinsic factors influence the risk and severity of injury?
- 3) What are the key components of a warm up?
- 4) What are the physiological and psychological benefits of a warm up?
- 5) What are the key components and physiological benefits of a cool down?
- 6) What are the types and causes of acute injuries?
- 7) What are the types and causes of chronic injuries?
- 8) How can you reduce the risk and severity of an injury or medical condition?
- 9) What are common responses and treatments to medical conditions?
- 10) What are the common causes, symptoms and treatments of medical conditions?

Topic Area 4: Reducing risk, treatment and rehabilitation of sports injuries and medical conditions

Key Terms:

- ✓ Hazard something that can cause harm.
- ✓ Risk the likelihood of danger.
- Risk assessment careful examination of what, in relation to a sports activity, could cause harm to people.
- Electrocardiogram (ECG) technology used to detect the rhythm and electrical activity within the heart.
- Emergency action plan (EAP) written document identifying what action to take in the event of an emergency at a sporting event.
- ✓ SALTAPS acronym for see, ask, look, touch, active, passive, strength.
- ✓ DRABC acronym for danger, response, airway, breathing and circulation.
- Recovery position position for an unconscious person that keeps their airway clear and open.
- ✓ PRICE acronym for protection, rest, ice, compression, elevation.
- ✓ Ultrasound use of high frequency sound waves to diagnose and treat injuries.
- ✓ **Electrotherapy** use of electrical energy to treat injuries.
- Hydrotherapy use of water to improve blood circulation, relieve pain and relax muscles.
- ✓ **Cryotherapy** use of cold temperatures to treat injuries.
- ✓ Contrast therapy use of quickly changing temperatures from hot to cold and back again to treat injuries.
- ✓ Analgesics medication used to relieve pain.
- ✓ Cast hard fibreglass or plaster casing designed to prevent broken bones from moving.
- ✓ Splint plastic or fibreglass support for a limb injury.
- ✓ Sling support, usually of folded cloth, designed to immobilise and rest the arm.

Key Terms:

✓ Asthma - a condition in which the airways narrow and swell, which can make breathing difficult.

Topic Area 5: Causes, symptoms and treatment

of medical conditions

- ✓ Inhaler device that allows medicine to be breathed in.
- ✓ **Nebuliser** machine that allows medicine to be breathed in.
- ✓ **Glucose** simple sugar found in blood used as an energy source.
- ✓ Insulin a hormone that lowers blood glucose levels.
- ✓ Diabetes condition in which blood sugar levels are not regulated by the body effectively.
- ✓ Ketones chemicals produced by the liver during fat breakdown.
- ✓ Diabetic ketoacidosis (DKA) a condition caused by excess ketones in the blood.
- ✓ Insulin-dependent another name for Type 1 diabetes.
- ✓ **Insulin-resistant** another name for Type 2 diabetes.
- ✓ **Hypoglycaemia** low blood sugar level.
- ✓ **Hyperglycaemia** high blood sugar level.
- ✓ **Epilepsy** abnormal brain activity that causes recurring seizures.
- ✓ Seizures bursts of electrical activity that temporarily affect how the brain works.
- ✓ **Triggers** things that make epileptic seizures more likely.
- ✓ **Fatigue** a feeling of overwhelming tiredness.
- ✓ Anti-epileptic drugs (AEDs) medicine taken to help control seizures.
- Ketogenic diet a diet high in fats and low in carbohydrates and proteins.
- ✓ Sudden cardiac arrest (SCA) a condition in which the heart suddenly and unexpectedly stops beating.
- ✓ Commotio cordis a sudden trauma, such as a blow to the chest directly over the heart at certain points in the heartbeat cycle, that can cause sudden cardiac arrest.
- ✓ Electrolytes minerals found in blood, urine and sweat that carry an electric charge when dissolved in water.

Subject: Camb Unit: R181	pridge National Level 1 / 2 Sport Science Applying the principles of training: fitness and how it affects skill performance	Years: 9, 10, 11 Terms: 1-6
 Big Questions How are components fitness relevant to different sports? 	of Topic Area 1: Components of fitness applied in sport	ciples of training in sport
 2) Can you justify why different component fitness are relevant for different sports? 3) What fitness tests are used for each component of fitness 4) Can you apply the components of fitness a skilled performance 5) What are the principle of training? 6) What are SMART goa 7) What are methods of training and their advantages/ disadvantages? 8) What factors should the consider when design a fitness training programme? 9) How do you apply the principles of training fitness training programme? 10) How do you plan a fitness training programme? 11) How do you record you 	 Key Terms: Cardiovascular endurance - the ability of the heart and lungs to get oxygen to the working muscles for use by the body. Muscular endurance - the ability of a muscle to sustain repeated contractions. Aerobic - with oxygen; oxygen is used to produce energy during low intensity, long-duration aerobic exercise. Speed - the maximum rate at which an individual is able to perform a movement. Store the maximum rate at which a muscle or muscle group can contract against resistance. Power - the extent to which a muscular strength; it can be remembered as strength × speed. Agility - the ability to move and change direction quickly while maintaining the centre of mass over the base of support. Flexibility - the ability to maintain a position; this involves maintaining the centre of mass over the base of support. Flexibility - the ability to use two or more body parts together (simult ancously) smoothly and efficiently. Reaction time - the time taken from the onset of a stimulus to the start of the reactive movement. Maximum oxygen uptake (VO2 Max) – maximum volume of oxygen that can be consumed per minute / unit of time. Protocol - the accepted or established procedure for conducting a test. Walidity - refers to how well a fitness test measures the component of fitness that it aims to test. Key Terms: Store the maximum rate at which an uscle or sustain repeated and reversibility - a fitness test is reliable if it can be repeated and reversibility - with a strength or which a muscular strength and reversibility - with a strength - the ability to ach time or the strength - the accepted or established procedure for conducting a test. Reaction time - the time taken from the onset of a stimulus to the start of the reactive movement. Maximum oxygen uptake (VO2 Max) - maximum volume of oxygen that can be consumed per minute / unit of time. Plyometric	ng: specificity, progression, overload ng specific to the movements, skills and he activity. Taking training harder as it becomes r than normal. Dise it'. If you stop training, you will lose ad: frequency, intensity, time and type. I setting: specific, measurable, ime bound. Tactivity or exercise that can be thout suffering undue fatigue. The optimal zone of training to make to improve cardiovascular endurance olay', which generally involves running, d interval training with varying speed mining that involves periods of work and of exercises performed at work work and rest. Stated exercises such as bounding, hurdles, which are designed to create s.
 results from a fitness training programme? 12) What are the strengt and areas for improvement for you fitness training programme? 	 Maximal tests – fitness tests that require maximal effort in order to produce a valid, comparable result. Sub-maximal tests - fitness tests that do not require maximal exertion. PAR-Q - physical activity readiness questionnaire. In length. Resistance training - train kind of force that 'resists' Hypertrophy - an increase High-intensity interval traperiods of very high-inten 	ing that involves working against some the movement. in muscle size as a result of training. aining (HIIT) – training that involves sity work and rest.

Subject: Cambridge National Level 1 / 2 Sport Science R181: Applying the principles of training: fitness and how it affects skill performance Unit:

Years: 9, 10, 11 Terms: 1-6

Big Questions

- How are components of fitness relevant to 1) different sports?
- Can you justify why different components of fitness are relevant for 2) different sports?
- 3) What fitness tests are used for each component of fitness?

Can you apply the components of fitness to a skilled performance? 4)

- What are the principles of training? 5)
- What are SMART goals? 6)
- What are methods of training and their advantages/ disadvantages?
- 8) What factors should you consider when designing a fitness training programme?
- How do you apply the principles of training to a 9) fitness training programme?
- 10) How do you plan a fitness training programme?
- 11) How do you record your results from a fitness training programme?
- 12) What are the strengths and areas for improvement for your fitness training programme?

Topic Area 3: Organising and planning a fitness training programme

Key Terms:

 \checkmark

- \checkmark One rep max - the maximum weight that can be lifted once (one repetition).
 - **Adaptability** flexibility to adapt a programme if, for any reason, the session being performed cannot be followed precisely.
- Objective measures facts that provide figures/ numbers, which \checkmark can allow a performer to monitor improvement.



Figure 2.36 One rep max refers to the maximum weight that can be lifted once

reaction time

Time: 30 minutes or more

Topic Area 4: Evaluate own performance in planning and delivery of a fitness training programme



Target area	Suitable activity
Cardiovascular endurance/	Specific exercises: any aerobic activity, for example cycling, swimming, jogging, walking, rowing Overload intensity: 60–80 per cent of maximum heart rate [220 – age]
stamina	Time: 20 minutes or more of activity, three to four times per week
Muscular	Specific exercises: use of high resistance, for example weights, resistance machines, body weight
strength	Overload intensity: 70 per cent or more of one rep max (maximum lift); three sets of six to eight repetitions
	Time: 30 minutes or more
Muscular	Specific exercises: use of low resistance, for example weights, resistance machines, body weight
endurance	Overload intensity: less than 70 per cent of one rep max (maximum lift); three to four sets of 10–15 repetitions
	Time: 30 minutes or more
Agility	Specific exercises: shuttles or circuits that involve speed work while changing direction, for example sprinting round cones, ladder running
	Overload intensity: work : rest ratio of 1 : 3 (30 seconds work with 90 seconds rest between different exercises)
	Time: 30 minute sessions, two or three times per week
Speed	Specific exercises: use speed ladders, sprints, interval sprints
	Overload intensity: work: rest ratio of 1:3 (30 seconds work with 90 seconds rest between different exercises)
	Time: 30 minutes or more
Power	Specific exercises: interval training – high-intensity, short sharp activities; acceleration sprint training; plyometric training, for example box jumping and hurdle jumps
	Overload intensity: for example, box jumps with three to six sets of 8–15 repetitions, depending upon the stress of the exercise being done; sprints with a work : rest ratio of 1 : 3 [30 seconds work with 90 seconds rest between sprints]
	Time: 30 minutes or more
Balance, flexibility, co-	Specific exercises: use of predesigned circuit to include flexibility stretches, co-ordination drills or balancing exercises
ordination or	Overland integrity, the to these parts of 12 man with 20 manual ensures integrals

Overload intensity: two to three sets of 12 reps with 30-second recovery intervals



8) What are the longterm effects of exercise on the musculo-skeletal system?

Vasodilation - widening in the diameter of a blood vessel to \checkmark increase blood flow through that vessel.

- **Cardiac output** the volume of blood that the heart is able to \checkmark pump out in one minute.
- Stroke volume the volume of blood that leaves the heart \checkmark during each contraction.

- Gluteals buttock muscles, which are used when running. \checkmark Hamstrings - muscles at the back of the upper leg.
- Quadriceps muscles at the front of the upper leg. \checkmark

 \checkmark

- Gastrocnemius one of the calf muscles; used in walking. \checkmark
- ✓ **Soleus** - one of the calf muscles: used in walking.

Subject:Cambridge National Level 1 / 2 Sport ScienceUnit:R182: The body's response to physical activity and how technology informs this

Big Questions

- 1) What is the function and role of the cardiorespiratory system?
- How is technology used to inform us about the cardiorespiratory system?
- 3) What are the components and role of the musculoskeletal system?
- 4) How is technology used to inform us about the musculoskeletal system?
- 5) What are the shortterm effects of exercise on the cardiorespiratory system?
- 6) What are the shortterm effects of exercise on the musculo-skeletal system?
- 7) What are the longterm effects of exercise on the cardiorespiratory system?
- 8) What are the longterm effects of exercise on the musculo-skeletal system?

Key Terms (continued Topic 1)

- Systolic blood pressure blood pressure when the heart is contracting.
- ✓ Diastolic blood pressure blood pressure when the heart is relaxed.
- ✓ Inhalation breathing in.
- ✓ Exhalation breathing out.
- Intercostal muscles muscles located between the ribs.
- ✓ Diffusion the movement of a gas from an area of high concentration to an area of low concentration.
- ✓ Wearable technology technology worn on the body during exercise to provide data.
- ✓ **Laboratory-based technology** the use of technology inside a laboratory to provide data.
- ✓ Field-based technology technology that can be used to provide data outside of a laboratory in the setting where sports take place, for example a football pitch.
- ✓ Spirometer machine that produces a spirometry trace of breathing volumes.
- ✓ Vital capacity amount of air expelled from your lungs when you take a deep breath and then exhale fully.
- ✓ Pulse oximeter device used to measure how efficiently oxygen is being carried to the extremities by the heart (blood oxygen level).



<u>Topic Area 3</u>: Short-term effects of exercise on the cardio-respiratory and musculo-skeletal systems

Key Terms:

- ✓ Anticipatory rise slight increase in heart rate before exercise.
- ✓ ROM range of movement.

Key Terms (continued Topic 2):

- ✓ Synovial joint a freely moveable joint.
- ✓ Ball and socket joint ball shaped end of bone fits into the socket of another, for example the hip.
- ✓ Hinge joint end of bone fits against another bone allowing movement in only one direction, for example the knee.
- ✓ Gliding joint one bone can slide over another, for example the carpals in the wrist.
- ✓ Pivot joint rounded end of one bone fits into a ring formed by the other bone, for example the vertebrae of the neck, which allow head rotation.

Topic Area 4: Long-term effects of exercise on the cardio-respiratory and musculo-skeletal systems

Key Terms:

- ✓ Fast twitch fibres muscle fibres that contract quickly and/or with high force; used during high-intensity work.
- ✓ Slow twitch fibres muscle fibres that contract with a low force but do not fatigue quickly.
- ✓ Bradycardia decrease in the resting heart rate because of training.
- ✓ Goniometer device used to measure flexibility (range of movement at a joint).
- ✓ **Lung capacity** the amount of air the lungs can hold.
- ✓ **Tidal volume** the amount of air breathed in and out at rest.
- ✓ **Bone density** the amount of bone mineral in bone tissue.
- ✓ Capillarisation an increase in the number of capillaries as a result of endurance training.
- ✓ Heart disease when the heart's blood supply is blocked or interrupted by a build-up of fatty substances in the coronary arteries that supply the heart with blood.
- ✓ Heart attack medical emergency in which the supply of blood to the heart is suddenly blocked.

Subject: Religion Topic: Human rightsYear Group: 11 Term: 2Big Questions What is social justice?	What is social justice? This means in terms of wealth distribution, the law, equ and opportunities for all people. For social justice to exist society must be fair to all regardless of race, age, gender sexuality and disability. It also means that society has to organised so that is open for all in terms of education, h	ual rights ist, er, o be nealth	<u>What is the minimum wage?</u> The minimum wage is a law that protects those who are paid the least. This means that you cannot be paid less than the minimum wage. Low paid workers often do jobs of great necessity for everyday living, yet the wages they are paid don't reflect this. Remember fair doesn't mean equal as this would be impossible to		
Do we have a moral responsibility to look after others?	care, housing and social welfare.	noor	achieve.	Current rate	What are loans?
How are the poor being exploited?	Social justice is difficult to achieve. Some argue that the p need preferential treatment and a society is judge on how treats its most vulnerable. Other believe that too much h		Wage band	(from 1 April 2023)	If you do not have the money for something you can borrow
	make people reliant on others.		Age 23 or over (National Living	£10.42	money. You will have to pay it back with interest. The higher
Religious vie	ews on Human rights		Wage)		the interest the more you must
Buddhism and Karuna Compassion is a feeling of concern for others who are suffering and therefore makes a person want to do something to help. In Buddhism, compassion is called karuna. The Buddha taught that showing compassion to others is something all people can do, even if they find other parts of his teaching difficult to follow. Buddhists believe that they should show compassion to everyone. They should also try to think about how they would feel if it was them suffering, as this will help them to want to free others from that suffering. Compassion is one of the Four Sublime States, which the Buddha taught that people should work on and develop within themselves. People should do this so that they know (through wisdom) how to help others.			Age 21 to 22	£10.18	The main ways people borrow
			Age 18 to 20	£7.49	money are: Mortgage
			Under 18	£5.28	Bank loans Catalogues - Littlewoods etc Credit cards Car loans
			Apprentice	£5.28	
Loving k					
develop this quality in order to help others to be f	ree from suffering. Metta is a more positive way of	Key words:			
looking at life than karuna, as metta is about trying to show love to others before they need help. A good example of this would be giving something to a friend to make them happy (metta) rather than helping someone if they fell over (karuna). Although both are important, metta is more positive as it involves acting			Loans - a thing that is borrowed, especially a sum of money that is expected to be paid back with interest.		
before being prompted to do so by a bad situation	n. Metta leads people to be kinder, more considerate	Payday loan - Payday loans are short-term loans for small amounts of money.			
and more helpful.	ristian View	They are available from high street shops and internet sites.			nd internet sites.
Christian View Christians believe that we are created in God's image and therefore we have a duty to protect and care for one another. This is called stewardship			Minimum wage - the lowest wage permitted by law or by a special agreement.		
•"Love thy neighbour" (Jesus)		Gender	discrimination - (Gender discriminat	tion is when someone is treated
• "Love your enemies" (Jesus)			unequally or disadvantageously based on their gender		

Year: KS4

Topic: HTS Unit 3

Big Questions Where was HTS originally performed? What is Verbatim Theatre?	GCSE DRAMA COMPONENT 3 KNOWLEDGE ORGANISER Hard to Swallow was originally performed by the Oaklands Youth Theatre at the Edinburgh Festival August 1988.	<u>Hard To Swallow by Mark</u> <u>Wheeller</u> Written in 1989 Main Themes- High expectations, family, anorexia, Death, loss	What is Anorexia Nervosa? Anorexia nervosa – often simply called anorexia – is a serious medical and mental health condition that can be lifethreatening without treatment. Some of the more common anorexia symptoms include: An obsessive fear of weight gain Befusal to maintain a healthy body weight
What style of performance is HTS Original performance?	Mark Wheeller's play uses the words from Catherine's diaries and also of those most closely	Worth 40% of overall grade	 Distorted body image Restricting caloric intake Purging calories consumed
What is anorexia? What are the 4 main types of stage?	involved and affected. This is known as Verbatim Theatre. The play has 31 characters in all: 6 female, 3 male and 22 characters of either sex.	Structure & Style: It is based on the true story of a girl called Catherine Dunbar who suffered from Anorexia. The play was adapted from the book 'Catherine' by	a higher mortality (death) rate than any other mental illness. Due to this complexity, this condition requires comprehensive anorexia treatment from an experienced, multidisciplinary approach to include medical and psychiatric stabilization, nutritional intervention and psychological support. Anorexia and co-occuring issues
What are some appropriate rehearsal techniques for HTS How should I plan my time in the exam?	The main characters are: Catherine Dunbar John Dunbar (Catherine's father), Maureen Dunbar (Catherine's mother) Simon Dunbar (Catherine's older brother) Anna Dunbar (Catherine's younger sister).	Maureen Dunbar. It is a mix of Abstract stylised scenes and naturalistic scenes and the stage directions will clearly state the intended style for each scene. There are stylised and physical theatre scenes. The play is teaching the audience about anorexia.	 Anorexia often occurs alongside other mental illnesses, including: Depression Anxiety disorders Mood disorders Personality disorders Obsessive compulsive disorders Substance abuse
			34

Rehearsal techniques:

Hot seating – answering questions in character Improvisation – making up a new scene, but playing your character in the play.

Conscience alley – The cast makes two lines and one actor walks down the middle, listening to advice. Character-based drama

game – e.g. park bench Thought tracking – saying what your character would be thinking at any moment. A vocal or physical warm up

- to prepare the actor for the scene Role on the wall – a drawn

Always read the stage directions for the scene you are writing about. Most of the information and even ideas on character or staging will be in the stage directions



Original staging conditions -Downstage left was the meal table with cutlery and white plates and 5 chairs Downstage right was Catherine's bedroom desk At the back across the middle was a raised area Catherine's face was painted white to show the difference after she was sent home from school. It was usually performed end on.



Timing breakdown for exam questions

10 min read of script and questions 2 marks = 2 mins 3 marks = 4 mins 4 marks = 5 mins 6 marks = 9 mins 15marks = 18 mins

Key Terminology

Costume colour, fabric, time-period, texture, style, fit, worn, torn, material Words to describe movement defined, fluid, erratic, smooth, open, closed, naturalistic, non naturalistic, graceful, exaggerated, mimed, energetic. refined Words to describe voice tone, pitch, pace, pause, accent, inflection, volume, emphasis, intonation, articulation, projection Lighting angle, position, intensity, coloured - gel, profile spot, gobo, floodlight, shadow, up-

lighting.

Sound and Music tempo, pitch, tone, rhythm, atmosphere, volume

Year: 11 Term: 2

BIG QUESTIONS

Define all skills listed.

Can you identify and offer specific movement examples of the 5 basic body actions?

How do expressive skills contribute to the overall performance of a piece of dance?

How do physical skills contribute to the overall performance of a piece of dance?

What is the difference between mental skills for process and mental skills for performance?

How might a dancer improve their expressive skills?

How can a physical skill be improved over time?

Can you define each of the 5 basic body actions?

Physical Skills: aspects enabling effective performance

Posture – The way the body is held
Alignment – Correct placement of body parts in relation to each other
Balance - A steady or held position achieved by an even distribution of weight
Coordination – The efficient combination of body parts
Control – The ability to start and stop movement, change direction and hold a shape efficiently
Flexibility - The range of movement in the joints (involving muscles, tendons and ligaments)
Mobility – The range of movement in a joint; the ability to move fluently from action to action
Stamina – Ability to maintain physical and mental energy over periods of time
Extension – Lengthening of one or more muscles or limbs
Isolation: an independent movement of part of the body

Expressive Skills: aspects that contribute to performance artistry and that engage the audience.

Projection – The energy the dancer uses to connect with and draw the audience in
Focus – The use of the eyes to enhance performance or interpretative qualities
Spatial awareness – Consciousness of the surrounding space and its effective use
Facial expressions – use of the face to show mood, character or feeling
Phrasing – The way in which the energy is distributed in the execution of a movement phrase
Musicality – the ability to make the unique qualities of the accompaniment evident in performance
Sensitivity to other Dancers – Awareness of and connection to other dancers

Mental Skills: skills in preparation for a performance

Systematic repetition – repeating something in an ordered way

Mental rehearsal – thinking through or visualising the dance

Rehearsal discipline – attributes and skills required for refining a performance – effective use of

a rehearsal and time

Planning of rehearsal – organisation of when to go over material

Response to feedback – implementing changes and making improvements based on feedback/opinion given to you

Capacity to improve – willing to make changes and better, relearn, implement or adapt to make something better

Mental Skills: skills needed during a performance

Movement memory – the automatic recall of learned movement material without conscious thought

Commitment – dedication to a performance

Concentration – the power to focus all of one's attention

Confidence – the feeling or belief that one can have in one's performance or work

Technical Skills: the accuracy of content

- Action Content; 5BBA, use of different body parts
- Spatial Content; size, direction, level, pathway
- Dynamic Content; flow, speed, force
- **Relationship Content;** lead and follow, mirroring, action and reaction, accumulation, complement and contrast, counterpoint, contact, formations
- Timing Content
- Rhythmic Content

The Five Basic Body Actions: 5BBA Jump, Turn, Travel, Stillness and Gesture What is the overall impact of technical skills in a performance?

What is the acronym to remember physical skills?

Describe an exercise you could do to improve strength.

Describe an exercise you could do to improve your mental skills and how could this be developed over time?

Why do we need movement memory?

Homework Links

https://www.aqa.org.uk /resources/dance/gcse/ dance/teach/subjectspecific-vocabulary

Key Vocabulary

You must be able to identify and define <u>ALL</u> vocabulary listed.

You must be able to distinguish what category each skill falls under

EG: strength is a physical skill NOT a mental skill

BIG QUESTIONS	A motif – a section or phrase of a dane soloist) A motif should always refer to action, s	Dynamic Content: how an action is performed <u>A range of dynamic ontent must</u>		
How can a motif be developed through action content? How can a motif be developed through spatial content? How can a motif be developed through dynamic content?	Technical Skills:These include accuracy of dynamic, rhythmic and spatial content and movement in a stylistically accurate way.There are 6 technical skills. Each category word 'content'.4. R1. Action content4. R2. Dynamic content5. T3. Spatial content6. R	action, timing, I the reproduction of is followed by the elationship content ming content hythmic content	Fast/slow – speed Sudden/sustained – execution Acceleration/deceleration – tempo Strong/light – force Direct/indirect – route Flowing/abrupt - flow	
How can a motif be developed through relationship content? Can you identify and define each content category? What is action content?	<u>Action Content: the move</u> <u>A range of action content must be used in</u> You must show variation of the 5 Basic Body Action stillness and jump You may choose to develop a motif through a checklist below.	ement <u>n your practical work.</u> ons; travel, turn, gesture, ction content using the	 A range of dynamics must be included in your practical work. When describing a movement always refer a dynamic. Example: jump slowly abruptly turn to face the front and then reach your arms out the sides in a strong motion 	
What is dynamic content? What is relationship content? What is spatial content?	 Adding an action to a phrase Taking an action away Repeating an action Performing an action on a different body pa Re-order motif Example:	rt	<u>Rhythmic Content: repeated</u> <u>patterns of sounds or</u> <u>movements</u> <u>A range of rhythmic content must</u>	
What is rhythmic content?	<u>Motif = jump, turn, seat roll, reach arms to ceiling</u> <u>Motif developed</u> = jump, jump, seat roll, reach ar	;, fall ms to ceiling, fall	be used in your practical Work.	

handstand (jump repeated, turn taken away, new action added)

Relationship Content: with who the action is

<u>performed</u>

<u>A range of relationship content must be used in your</u> practical work.

Mirroring – reflecting the actions of another dancer as if there is a mirror line **Example:** dancer 1 extends right arm whilst leaning to the right but dancer 2 extends left arm to the left

Action and reaction – a dancer responds to the action of another dancer's action

Example: dancer 1 elbows to left, dancer 2 falls to floor after dancer 1 has performed their action

Accumulation – the movements are added to existing movements in a successive manner Example: A, AB, ABC = jump, jump + turn, jump + turn + slide

Complementary – perform actions or shapes that are similar but not exactly the same as another dancer's actions

Example: dancer 1 performs seat roll whilst dancer two performs an elevated turn

Contrast – movements or shapes that have nothing in common **Example:** fast dynamics of sharp elevated actions vs slow fluid arm gestures

Counterpoint – when dancers perform different phrases simultaneously **Example:** floor phrase in one place vs elevation

Contact – a moment of physical contact which could be in the form of a counterbalance, touch or lift **Example:** fan lift, hand on shoulder, and sacrifice lift

Formations – where the dancers stand in the space **Example:** zig zag, circular, vertical line, diagonal line, horizontal line, cluster, sporadic

Spatial Content: where an action is performed <u>A range of spatial content must be</u> used in your practical work.

Pathways; circular, linear, diagonal, zig – zag

Levels; floor work, mid-level, standing, elevation

Direction; left, right, front, back, diagonal front, diagonal back

Size of movement; small, medium and large

Spatial design; upstage, centre stage, downstage, stage right, stage left

You may choose to develop a motif through spatial content using the checklist above.

Example: Change of levels Version 1: Reach right arm to ceiling, left arm up to ceiling whilst jumping in the air. Version 2: The dancer could kneel and perform the same arm actions.

<u>**Timing Content:**</u> The use of time or counts when matching movements to sound and/or other dancers

<u>A range of timing content must be</u> <u>used in your practical work.</u>

Give examples of formations.

Describe a motif that includes contrast and complementary.

Why might a choreographer use mirroring in their dance work?

When performing contact, how can dancers perform safe practice?

Why might a choreographer use levels in their dance work? What could levels represent?

Homework Links

https://www.aqa.org.uk /resources/dance/gcse/ dance/teach/subjectspecific-vocabulary

Key Vocabulary

You must be able to identify and define <u>ALL</u> vocabulary listed. You <u>MUST</u> be ale to give movement examples of each skill listed.

Subject: Business Topic: Market Researc	ch			Year 11 Term: 2
BIG QUESTIONS • Do you know the different methods of	Before a busine is important owners know ex their customers to be	ss starts, it that the xactly who s are likely Homew questio of energy exciting fruits an energy	York: Design a nnaire on a new type gy bar Zonetime, an g combination of exotic nd nuts with a new formula.	Target market The group of customers who a business aims to sell its products to
market research	Primary	Pros	Cons	Data collected first-
 businesses? Can you explain the advantages and disadvantages of 	Questionnaire	 Cheaper than interviews Easily target certain people 	 Difficult to predict how many will be completed people may not understand the questions 	hand (field research) Secondary research Data collected by
 different methods of research? Can you 	Interviews	 Questions can be explained Customers can be easily targeted 	 Expensive Customers may feel uncomfortable 	others (desk research) Qualitative data Data based on
interpret quantitative and qualitative	Trials	 Save money before making products widely available 	 Costly to set up 	opinions of those being asked
research?	Focus groups	 Data is accurate to the target market 	 Only small groups that take part so expensive 	Quantitative data Data based on facts or numbers

Subject: Business Topic: Segmentation

BIG QUESTIONS

- Can you define segmentation?
- Can you explain the problems/challe nges that may be encountered if the market is not segmented?
- Do you know the different methods of segmentation?
- Can you explain the benefits of segmentation?



Market segmentation

Splitting the market for a product into different parts, or segments

Lifestyle - special watches for diving, running and other outdoor sports Subject:BusinessTopic:Targeting and segmenting the market

Year: 11 **Term:** 2

BIG QUESTIONS	What is Market Segmentation?								
 Can you explain the difference between B2B and B2C markets? Can you recommend 	Market segmentation means dividing up the market into different groups of customers based on a number of factors. This enables the business to identify and meet the needs of its customers more accurately.								
a suitable promotional strategy for a business operating in the B2B	Segmentation by	Which means some businesses focus on	Example business						
market?	Age	Babies and toddlers, others on the teen market or older customers	Mothercare and Disney stores focus on babies and toddlers						
a business can segment a market?	Gender	Gender-specific items including toiletries, cosmetics, clothing and magazines	Bobbie Brown produces make-up for women						
 Can you explain why segmentation is important for business 	Culture	Relates to peoples religion, language, customs, ethnicity and dietary habits	Halal butchers are promoted to Muslims						
success? <u>Key Words</u>	Income	Luxury goods are made for high earners, whereas other businesses target those on a budget	Luxury goods businesses include Harvey Nichols, Selfridges and Gucci						
 Demographic Geographic Psychographic 	Lifestyle, hobbies and interests	Relating to the way we live. People will also spend money on their hobbies and the interests that take up their spare time.	Hobbycraft target people who like arts and crafts						
- Behavioural - Target - Market	Location	The local market. Often, these businesses are small. An exception is firms that trade online	Local businesses include greengrocers, hairdressers, sandwich shops and dog walkers						

Subject: Business	5			Year: 11
Topic: Targetin	g and segmenting the r	narket		Term: 2
BIG QUESTIONS	There are 4 main ty	pes of segmentation in bu	usiness:	
- Can you define	Demographic	Psychographic	Behavioural	Geographic
geographic,		୍ ନ୍ ର		1
psychographic	<u>M</u>	िर्मरी	\sim	ipes
behavioural		50	$(\mathcal{O})\mathcal{O}$	· Sy
segmentation?	Age	Values	Intent	Urbanicity
- Can you give	Gender	Attitudes	Usage	Location
products aimed	Income	Personality	Occasion	Culture
at different	Education	Interest	Buver Stage	Language
segments?	Social Status	Oninion	Engagement	Climato
- Can you	Life Stare	Lifostylo	Depotito	Denulation
explain how a	Life Stage	Lifestyle	Benefits	Population
product can be		nontation instand of goin	a aftar thair antira mark	at Thoy're able to
with different	show relevant mass	agos to pooplo more likel	y to care (saving time ar	et. They le able to
interests and	It also holps with h	uilding long lasting sustor	bor rolationshins and im	aroving your
lifestyles?	nroducts and sorvio	oc	ier relationships and hin	oroving your
- Can you		C3.		
compare				
campaigns in	Homework: Spotify	and Netflix are the leader	rs of behavioural segme	ntation due to their
terms of	ability to personali	ise the customers engage	ment. 1. State 4 ways in	which Spotify and
methods used	Netflix personal	ise their users interaction	? 2. Explain why you thi	nk personalised
and cost?		playlists and program	mes are so effective?	



Subject: Business Topic: Breakeven

Year 11 Term: 2

BIG QUESTIONS

- Can you explain the concept of breakeven and its uses?
- Are you able to calculate the break-even quantity of a business?
- Can you identify the breakeven point on a graph?
- Can you explain the importance of the 'margin of safety' of a given business?



Businesses use information about revenues and costs to calculate the break-even level of output

Break-even forecast

A prediction about the break-even quantity based on estimates of future sales revenues and costs

Break-even quantity

The amount a business must sell to earn enough revenue to cover its costs

Margin of safety

The amount by which a business' actual output is greater than its break-even output

Year: 11 Term: 2 - Exam

BIG QUESTIONS

- 1. Who is responsible for the shared use of data in society?
- 2. Should the government be responsible for the ethical use and disposal of computers?
- 3. Is all access to technology equal?
- 4. What is the purpose of an acceptable use policy and who is protected?
- 5. What are the legal and ethical consideration when using computers and who is responsible for maintaining and upholding misuse?

Online advertising

- The adverts are highlighted in red
 When you visit a search engine it
 - stores a small file
 called a cookie on
 your computer
 The search engine shares information with the website so that they can display the correct advertising

Transactional data

• Transactional data is data which is generated as the result of a transaction

Best All-inclusive Holidays

Golden Palace Hotel

<< Prev 123456789 Next>>

AC Bath (24) (WF)

Buy iPad Pro - Buy now and collect in store Buy the iPad Pro and get extras worth £69.99. Free hotspots Free tech support 24/7 Click & collect

\$540

This all-inclusive hotel is one of the best on the island. Each room guarentees a sea view and the beach is just 100

atere sway. All roome have a separate kitchen area and halo

beach holidavs

iPad Pro 11"

iPad Pro 12.9" £1019 Tech2You

- Transactional data is likely to be passed to other parts of the organisation or other companies
- Examples of transactional data include:



Tracking data

- The GPS (Global Positioning Satellite) system is able to locate a smartphone to within a few metres
 - The phone needs to detect at least four satellites to work
- Alternatively, the phone can be located by its distance to a base station
- In order to send information about the location, the smartphone must also have internet access

Benefits of using shared data

- Some benefits of having shared data are:
 - · Communication services such as email
 - Ability for multiple people to work on the same documents
 - Companies, such as online shopping, can automate tasks such as sending paperwork to customers and couriers

Drawbacks of using shared data

- The use of shared data has some drawbacks such as:
 - If the data is shared with someone untrustworthy, you may lose control of it
 - Specific laws must be obeyed when data is shared



Media: Component 3 – Exam

Year 11 Term 2

Big Questions

What is an exam brief? What elements make up a magazine page? What are some of the

current trends in Magazine Publishing?

What are Mainstream,

niche and alternative media products?

What are the key magazine terms?

What is Primary research? What is secondary

research?

What do you need to include in an ideas log? How do you develop your

ideas from an ideas log to a design?

How can you develop your designs into a final product?



Give your initial ideas

Discuss current trends and how you intend to keep up with them



Discuss the research you have done and how this has influenced your ideas

Explain your first idea and why it would be effective
 (reference your research)

Explain your second idea and why it would be effective
 (reference your research)

Say which idea you are going with and why

 Discuss the elements of your first page (front cover) and why you have chosen them (primary or secondary image?)

(Thirds, masthead, main image, main cover line, other cover lines, price, banners, flashes)

 Discuss the elements of your second page and why you have chosen them (primary or secondary image?)

(Title, intros, layout, images, design features, pull quotes)

Link back to the key requirements from the brief and say how you will meet these
with your idea.





Modern Languages – Module 7 – Au boulot	French t – World	of work				Yea Terr	r: 11 n: 2
BIG QUESTIONS	Taking abc	out work exper	ience				
1) Tu as fait un stage? Did you do work			dans un bureau (in an office) dans un magasin (in a shop)	où je servais des café, (where I used to serve coffees) où je rangeais le magasin	et je donnais des renseignements aux touristes,	ce qui était ennuyeux	ce qui était enrichissant
experience?	L'année dernière (Last year)	j'ai travaillé (I worked)	dans un centre de loisirs (in a leisure centre)	(where I used to tidy the shop) où je servais les clients	(and I used to give information to tourists,) et je répondais au téléphone, (and I used to answer the phone,)	ce qui était barbant	(which was enriching) ce qui était passionant
Stage? What did you do at work experience?	La semaine dernière (Last week)	j'ai fait un stage (I did a work experience)	dans un salon de coiffure (in a hair salon) dans un office de	(where I used to serve the customers) où je pliais les vêtements (where I used to fold clothes)	et je faisais des photocopies, (and I used to make photocopies,) et je tapais des lettres, (and I used to type letters,)	ce qui était inutile (which was useless) ce qui était	(which was exciting) ce qui était amusant (which was fun)

où j'aidais les

mécaniciens

mechanics)

(where I used to help the

tourisme

(in a school)

Taking about languages

(in a tourist office)

dans une école

- 3) Tu parles quelles langues? What languages do you speak?
- 4) Pourquoi apprend une nouvelle lang Why learn a new language?
- 5) Pourquoi veux-tu poste? Why do you want t job?
- 6) How do I write al the world of worl

Je parle (i speak)	couramment (fluently) assez bien (quite well) très bien (very well)	un peu (a little) seulement (only) mal (badly)	l'allemand (German) l'anglais (English) l'arabe (Arabic) l'espagnol (Spanish)	le français (French) l'italien (Italian) le japonais (Japanese) le mandarin (Mandarin)	le polonais (Polish) le portugais (Portuguese) le roumain (Romanian) le russe (Russian)	et je l'étuidie depuis (and I have been studying it for)	huit semaines (eight weeks) deux mois (two months) cinq ans (five years)
			faire des am (make friends) découvrir un (discover a new	nis ne nouvelle cul w culture)	lture	demander mon chemin (ask for directions) communiquer avec des clier (communicate with customers)	nts
J'utilise des langues étrangères (I use foreign	pour (in order to	pour (in order to)		parler avec des clients (speak to customers) parler avec des collègues à l'étranger (speak to colleagues abroad)		faire des annonces (make announcements) donner des renseignements aux passagers (give information to passengers) aider des touristes	
nguages)							
	-		commander quelque chose à manger		ea		

et je travaillais avec les enfants,

(and I used to work with children,)

ce qui était sympa

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(which was nice)

fatigant

(which was tiring)

How to: Describe a photo

Sur la photo (In the photo)	il y a (there is)	₽	un homme (a une femme (a un garçon (a k une fille (a girl)	man) woman) boy)	une grou des jeune des enfar des étudi	pe d'amis (a group of friends) es (some young people) hts (some children) iants (some students)	
	au parc (at the park) au centre commercial (at the shopping centre)	à la campagne (in the countryside) à la plage (at the beach)		ils s'amusent (they are having fur ils se discutent (they are chatting)	n)	ils étudient (they are studying) ils travaillent (they are working)	
Ils sont (They are)	au collège (at school)	à la montagne (in the mountains)	Où (where)	ils mangent (they are eating)		ils regardent la téle (they are watching TV)	
	au centre de loisirs (at the leisure centre) au bord de la mer	à la maison (at home) en ville		ils boivent (they are drinking)		ils utilisent leurs portables (they are using their phones) ils font les magasins	
	(by the sea)	(in town)	¢	(they are playing)		(they are shopping)	III ↑ _↓

November Mocks Preparation

Any of the following topics could come up in your mocks:

- Family and relationships
- Free Time
- Celebrations
- My town and region

- Holidays
- School
- Work
- The Environment

	Listening	Reading	Writing
Foundation	Section A = Questions in English, answers in English	Section A = Questions in English, answers in English Section B = Questions in French,	Q1 = Describe a photo Q2 = 40 words (present + future tense) Q3 = 90 words (present, past + future tense) Q4 = x5 translation sentences into French
Higher	Section B = Questions in French, answers in French	Section C = Translation into English	Q1 = 90 words (present, past + future tense) Q2 = 120 words (present, past + future tense) Q3 = translation paragraph into French

HOMEWORK

Every week you will be set an assignment on sentence builders. My homework day is:

The website is:

www.sentencebuilders.com

You should have your log-in details stuck in your planner. If you forget these, you must email your teacher or ask in lesson time for these details.

Your knowledge organiser has every answer that you will need to complete your homework. Have it open when you do your homework!



Modern Languages – Spanish Module 7 – ¡A currar! – World of work

Year: 11

Term: 2

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BIG QUESTIONS

¿Qué idiomas hablas? What languages do you speak?

- 2) ¿Por qué aprender idiomas? Why learn languages?
- 3) ¿Qué planes tienes para el futuro? What plans do you have for the future?
- 4) ¿Por qué quieres trabajar aquí? Why do you want to work here?

5) ¿Cómo hablo de mi trabajo? How do I talk about my job?

6) ¿Cómo describe una foto? How do you describe a photo?

Domino el (I am fluent in) Hablo (I speak) Hablo un poco de (I speak a bit of)	Ⅲ <i>≓</i>	alemán (German) español (Spanish) francés (French) inglés (English)	ruso (Russian) polaco (Polish) árabe (Arabic) mandarín (Mandarin)	y lo estudio desde hace (and l've been studying it for)	dos años (two years) tres años (three years) seis meses (six months)
Lo bueno de hablar otros idiomas es que (The good thing about learning other languages is that)				hacer nuevos amigos (to make new friends)	encontrar un buen trabajo (to find a good job)
Lo más importante es que (The most important thing is that)		te permite (is that it allows you)		descubrir nuevas culturas (to discover new cultures)	trabajar en el extranjero (to work abroad)
Hablar otro idioma (Speaking another language)	III 1			viajar a otros países (to travel to other countries)	estudiar en el extranjero (to study abroad)

Talking about future plans

Talking about languages

ive	En el futuro (In the future)	espero (I hope) m quiero (I want) Vi	ne gustaría (I would like) Oy a (I am going to)		aprender a conducir (how to drive) aprobar mis exámene my exams) buscar un trabajo (loo job)	learn 2 S (pass k for a	Casarme (get married) tener hijos (have children) trabajar como voluntario (v a volunteer)	work as
	Para mí (To me) Creo que (I believe that) Mi amigo dice que (My friend says that) Diría que (I would say that)	el matrimonio (marriage) la familia (family) sacar buenas notas (get good grades) el paro (unemployment)	encontrar un buen trabajo (finding a good job) la independencia (independence)		es (it is) no es (is not)	esencial importa preocup	(essential) nte (important) pante (worrying)	<u> </u>
ny	Si tengo buena suerte (If I am lucky) Si apruebo mis exámenes (If I pass my exams) Si tengo dinero (If I got money) Si tengo tuena (If I work a lot)	encontraré un trabajo (I will find a job) compartiré piso con mi ami (I will share a flat with my friend)	comprai (I will buy go iré a la u (I will go te	ré un a car) univer o unive	coche t () rsidad r ersity) ()	endré hij I will have c ne tomar I will take a	os hildren) é un año sabático gap year)	III †.
a	Si me tomo un año sabático (If I take a gap year) ↑	haré Interrail por Europa (I will go Interrailling around Europ mejoraré mi nivel de españe (I will improve my level of Spanish) trabajaré en un proyecto medioambiental (I will work on an environmental pr	be.) viajaré por el mundo (I will travel around the wor pasaré un año en Latinoamérica (I will spend a year in Latin America)	ld)	¡Qué emocionante! (H Sería (It would be)	inolvida (unforgett una exp (a once in	!) ble able) eriencia única en la vida a lifetime experience)	

How to: Describe a photo

En la foto (In the photo)	hay (there is)		un hombre (a man) una mujer (a woman un chico (a boy) una chica (a girl)	un grupo) unos jóv unos niñ unos est	o de amigos (a group of friends) enes (some young people) Os (some children) udiantes (some students)	
	en el parque (at the park) en el centro comerical (at the shopping centre)	en la ciudad (in the city) en la costa (on the coast)		se divierten (they are having fun) hablan (they are talking)	estudian (they are studying) trabajan (they are working)	
Están (They are)	en el colegio (at school)	en la playa (at the beach)	donde (where)	comen (they are eating)	tocan instrumentos (they are playing instruments)	
	en el polideportivo (at the leisure centre)	en la montaña (in the mountains)		beben (they are drinking)	usan sus móviles (they are using their phones)	
	en el campo (in the countryside)	en casa (at home)	←→	juegan (they are playing)	van de compras (they are shopping)	1 ↑

November Mocks Preparation

Any of the following topics could come up in your mocks:

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- School
- Family and relationships
- Free time

- Your town and region
- Celebrations
- Work
- The environment

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Child Developi	nent				
Component 3:	Supporting	Children	to Play,	Learn a	and Develop

BIG QUESTIONS	<u>B Create safe environments to support play, learning and development in children aged 0-5 ye</u>		
To investigate	needs of children who require support to play, learn and develop. Learners will consider		
individual needs and wants	safety issues in the home, in community settings and in early years settings.		
	B1 Ensure all children are safe		
 What are needs and wants? What are the 5 areas of development that needs can impact in a young child? What are the areas of development that are impacted- 	 Manage risks and hazards of environments and activities: 		
	 Consider the risks - likelihood of an environment, activity and/or resources causing harm 		
	• Consider the hazards - potential for an environment, activity and/or resource to cause harm		
	 Risk assessments for activities - both indoors and outdoors 		
	 Positive risk taking - balancing the potential risk of harm against the benefit of children participating in activities; the benefits of children exploring/experimenting in a safe but challenging environment 		
	Deicing and appropriate eveneness of personal safety when in public energy		
	Raising age-appi opriate awareness of personal safety when in public areas		
	 Teaching children to use resources safely, while choosing age- and stage-appropriate resources and being aware of choking hazards for under 3-year-olds 		
	 Knowing about safety labelling of resources, including the BSI Kite mark, age-advice symbol, the Lion Mark and the CE mark, including why it is important to check this before using equipment or resources 		
	Homework-		
	1.1- Research a local play centre for children, explain how they keep children safe while they play		

Child Development Component 3: Supporting Children to Play, Learn and Develop	Year: 11 Term: 2	
B Create safe environments to support play, learning and development in children aged	Homework Links	
 <u>0-5 years</u> Planning the adult to child ratio relevant to age, to carry out the activity safely. 	Research from the following websites- <u>https://www.thebalance.com/how-to-</u> separate-wants-and-needs-453592	
• Teach children how to use internet-enabled technology safely (including computers and tablets, smart technology, wearable technology, toys with voice recognition, app-enabled toys):	✓ <u>Key Terms LA-A/B</u>	
	Hazard- a danger or risk:	
 How to be safe online - setting up parental controls to prevent sharing of personal information and befriending strangers controls put in place by adults, including limiting time spent online, blocks on in-app purchases 	Need-require (something) because it is essential or very important rather than just	
 Talking to the child about internet safety and recognising and reporting age- inappropriate content. 	Risk assessment-is intended to identify hazards that could	
B2 Health and safety considerations for inside environments for children with individual needs	cause harm, or to assess the risks that may arise	
• Width of doorways, corridors.	Safety marks- something that is usual, typical, or standard	
• Layout of furniture.	Safeguarding-protect from harm or damage with an appropriate	
• Types of flooring and floor coverings in the space, considering potential trip hazards.	measure:	
• How resources can be organised to enable children to find things easily.	Kite marks- UK product and service quality certification mark which is owned and	
 Continuity of use of specific areas for play activities and routines. 	operated by The British Standards Institution.	
• Selecting appropriate resources to ensure safety, linked to the ability of the child.	Internet - global computer	
 Monitoring activities to ensure safety is being maintained 	information and communication facilities consisting of	
Homework-	interconnected networks using	
1.2 A safety poster for an early years setting for indoor/outdoor environment	protocols:	

Health and Social Care Component 3 Health and Wellbeing

Year:11 Term:2

BIG QUESTIONS	B1: Physiological indicators				
<u>Learning aim B</u> <u>Interpreting health</u> <u>indicators:</u>	Measurable indicators of health include:				
	Waist-to-hip ratio, your waist measurement divided by your hip measurement				
	Cholesterol levels				
Why is health monitoring a useful tool in illness prevention?	Blood glucose				
	 Liver function 				
	Resting pulse and recovery pulse rates after exercise				
How is lifestyle and physiological data used to predict risks to future health?	• Peak flow				
	Blood pressure				
	• Height/weight				
What is a person centred approach to	• Temperature				
care?	<u>B2 Lifestyle indicators</u>				
	Interpretation of lifestyle data, specifically risks to physical health associated with:				
	• smoking				
	alcohol consumption				
	• inactive lifestyles.				

<u>C1 Health and wellbeing improvement plans</u>

You will explore the features of health and wellbeing improvement plans. This links to, and consolidates, knowledge and understanding from Component 2, in particular support services and also care values in terms of the need for a person-centred approach.

We will consider:

• The importance of a person-centred approach that takes into account an individual's needs, wishes and circumstances

- Information to be included in plan:
- recommended actions to improve health and wellbeing o short-term (less than six months) and long-term targets
- appropriate sources of support (formal and/or informal).



Key Terms LA-B

Physiological -relates to how a person and their bodily parts function normally

Targets – goals and aims

Potential significance – could develop into something important

BMI – measure of fat in your body in relation to your height

Peak flow - measurement of how quickly you can blow air out of your lungs

Person-centred approach – is respecting and empowering individuals



Subject: 3D Design Topic: Flight (Mock Exam)

Year / Group: 11 Term: 1 and 2

BIG QUESTIONS

How can the study of other artists help you find your own direction in the development of ideas?

Describe the process of development in artists work.

Compare similarities and differences in artists work.

Explain why primary sources are the richest form of research.

How can Secondary sources enrich the development of ideas?

List different ways of recording your observations of the subject matter.

Why should you plan a wide range of ideas before selecting a final one?

How can the refining process help you to fully realise intentions?

What does it mean to realise intentions?

Why is it important to Evaluate



Walking Talking Mock Exam Past Question-'Flight' Artists, craftspeople and designers have often created work inspired by flight and flying. Aboriginal peoples of Australia carved and painted wooded boomerangs with decorative patterns. Nicola Godden created sculptures in response to the story of the flight of Icarus. The wall-mounted sculptures of Tom Hare are a response to flying seed pods. Air travel has led to designs for commemorative memorabilia and the development of in-flight services, such as the eco-friendly meal trays design by PriestmanGoode.

Study suitable sources and produce your own response to **Flight.**

MARTINE WAR

RECORD	DEVELOP
 I will independently record images and information appropriate to the theme using wet, dry and digital media examples of artists/designers work appropriate to the theme information about artists/designers, showing appreciation of how they use media and techniques to create meaningful work. 	 I will independently develop my observation skills using a range of media, techniques and processes. artwork and ideas from primary sources my knowledge and understanding of artist styles and techniques my drawing and planning skills ideas in response to a given theme, linking to artists work my higher order thinking skills
REFINE	EVALUATE
 I will independently experiment making the most of media and techniques relevant to my intentions select ideas to adapt and improve e.g. adjustments to size, colour and composition. develop a piece of work from one media into another 	 I will independently analyse and reflect on the development of my own work, through annotation making connections to artists and suggesting ways I could I improve. evaluate artists using analytical writing skills and forming opinions.
PRESENT OUTCOMES I will independently prepare a plan for a final piece to be completed during the 5-hour Mock Exam.	

Homework Links

Tasks linked to the theme 'Flight' (2 hours per twoweek cycle)



Key Vocabulary

Flight/Texture/Shape/ Colour/Form/Scale/ Media/Technique/ Abstract/Research/ Primary source/Wings Secondary/Source/ Concept

I will be expected to recall keywords learned in previous projects and use them in the appropriate context.

EVALUATING ARTISTS' WORK

- 1. Describe the piece of art you are looking at
- 2. What is the name of the artist or type of art?
- 3. What art movement or culture does the art link to?
- 4. Research and list 5 or more things about the artist or culture?
- 5. What important things have happened in the country that the art comes from?
- 6. What has influenced the art E.g. other artists, people, personal experiences, society, culture, politics, gender, colour, pattern, movement, religion, travel, places, objects etc.
- 7. Describe the materials used to make the art
- 8. How has the art been produced?
- 9. What is being communicated through the art?
- 10. Which of these words best describes the mood of the picture? EMOTIONAL/POWERFUL/BUSY/SLOW/PEACEFUL/WARM/COLD/HAP PY/SAD/CALM/INTENSE/SCARY can you think of any other words?
- 11. What do you like or dislike about the picture? Explain your reasons...

ANNOTATING YOUR OWN WORK

- In this artwork I was trying to...
- The artist/culture that has influenced my work is...
- The source I have used is...
- I found the source I used at...
- In this artwork I used the technique of...
- The media I have used is...
- I like/dislike this piece because...
- My idea links to the theme because...
- I can improve this piece by...
- I could develop this work further by...

Annotate means to explain your own creations Artist evaluation is when you write about the artist Project evaluation is written about the whole project at the end

END OF PROJECT EVALUATION

- 1. Describe each stage of the project from start to finish
- 2. What media did you use to produce your work? E.g. Paint/Pencil/Clay etc.
- 3. Describe how you used different techniques in your project? E.g. painting/drawing/modelling with clay etc.
- 4. Which artist's culture have you looked at?
- 5. Write down 2 or more similarities between your work and the artist's work.
- 6. Which piece of your work best shows the Artist's style or the influence of another culture and why?
- 7. Describe some of your own ideas...
- 8. Have you used a primary or a secondary source?
- 9. Have you included the secondary source in your work? Where did you find it?
- 10. Imagine your final piece was displayed in a public place.... Describe the effect looking at your work might have on people and society. E.g. relax them, make them feel sad, curious, happy, angry, thoughtful, surprised, confused, nostalgic etc. explain why e.g. because of your use of colour, images, content, arrangement? etc.
- 11. Explain any other influences on your work e.g. personalities (including your own), places, memories, objects, politics, events, activities, religion, fact, fiction etc.
- 12. Describe how your work links to the project theme?
- 13. Explain what you have done well...
- 14. Explain how you could improve...
- 15. What would you do differently, if you were to repeat any part of this project?

PSHE WPD	Year: Term:	11 2		WPD	
Big Questions					Per
Do I understand discrimination in the Workplace?	Year 11	Careers Applying for Sixth Form or College	Wider Personal Development INTERVENTION	Careers Kent Choices Applications Applying for Sixth Form,	<u>Careers:</u> Employab time – App Discrimina Careers Ev
What is discrimination by association? What are the nine protected	Term 2	 Discrimination in the workplace Equality Act 2010 Discrimination in the workplace 	PROGRAMME Tutor Coaching Subject Specific intervention	College or Apprenticeships Careers Interviews	'Health an
characteristics under the Equality Act 2010?		Types of Discrimination	KS5 Taster Day KS5 Open Evening		

Where can you go for help if you feel you are being discriminated against in the workplace?

House Competition:

Create at least one craft item that is in the colour of your house. This could be any craft that is not perishable such as knitting/crochet, sewing, clay, origami, jewellery, items made from wood/plastic, Christmas cards, soap, candles and so on. The item must be fit for sale as all items will be sold to raise money for charity. The house that produces the most items for sale will win and receive house points. The best craft item produced will win that student additional house points and a prize. Deadline for submissions (to Mirs Green please) is Monday 5th December. The craft sale will be in the last week of term. More details to follow via student email this tern

Your Career Options

You have many choices open to you after Year 11, with the main options being:

•Stay on in full time education, at a school, college or with a training provider on a study programme.

•Take an apprenticeship.

•Work or volunteer and study part-time alongside (E.g., traineeship).

Please see Mr Forrest or Mrs Priestley if you need further information



Employability Focus during form time –Applying for Sixth Form and Discrimination in the Workplace Careers Event – Industry Specific Event 'Health and Social Care'



