Student Name:



MAGNUS CHURCH OF ENGLAND ACADEMY

Knowledge Organiser: January 2025

Year 11

"Wise men and women are always learning, always listening for fresh insights." Proverbs 18:15 (The Message)

Determination - Integrity - Ambition - Humility - Compassion

Using Your Knowledge Organiser

Your teachers have worked hard to produce this document for you and have selected the most important knowledge that you will need to know to make good progress in their subjects. You should aim to learn all the information in your knowledge organiser off by heart.

Try out some of the strategies listed here to help you achieve this.

- Read the knowledge organiser and ensure you understand it. Try and make links between the information on it and what you already know and do.
- 2. Look, Cover, Write, Check the traditional way of learning spellings!
- 3. Create a Mnemonic Using the first letters of keywords create a memorable sentence or phrase.
- Create an acronym using the first letters of keywords to create a word to prompt you to remember all of the information.
- 5. Write it out in full on a blank version of the same format.
- 6. Write it out in note form, reducing it to key ideas or words. Try the same format but a smaller piece of paper.
- 7. Recreate the knowledge organiser as a series of images and words



- 8. Write a set of test questions for yourself using the organiser.
 - Answer these without the organiser the next day.
 - Swap your questions with a friend to increase challenge.
 - Turn your questions in to a game by putting them on cards and playing with friends.
- Chunk the knowledge into smaller bitesize sections of around
 pieces of information. Concentrate on mastering a chunk
 before you start on the next.
- 10. Try to make connections between the information and people you know. E.g. Visualise yourself trying these strategies with a specific teaching group.
- Talk about the information on the knowledge organiser with another person. Teaching someone else about it helps us learn it.
- 12. Say the information out loud rehearse it like learning lines for a play, or sing it as if you are in a musical!

Year 11 Half term three key vocabulary

English Language	English Literature	<u>Maths (F)</u>	Maths (H)	Science - Biology
Obsessive	Hamartia	Area	Regular shape	Population
Determined	Hubris	Perimeter	Interior Angle	Community
Traditional	Blank verse	Volume Exterior Angle		Ecosystem
Proud	lambic pentameter	Surface area	Isosceles Triangle	Hormone
Overwhelmed	Unchecked ambition	Vertex	Tangent	Testosterone
Passionate	Equivocation	Parallel	Cyclic quadrilateral	Oestrogen
Nuisance	Patriarchal	Perpendicular	Perpendicular Bisector	Homeostasis
Smug	Monologue	Hypotenuse	Chord	Synapse
Superior	Prophecy			Allele
Delighted	Tragic hero			Clone
Gloats/gloating	Regicide			
Science – Physics	History	Geography	French	GCSE RS
Solenoid	Negotiators	Abiotic	Noun	Worship
Electromagnet	Exterminators	Biome	Adjective	Liturgical worship
Magnetic field	Manifest Destiny	Producer	Verb	Non-liturgical worship
Current	Polygamy	Consumer	Connective	Informal worship
Force	Humanitarians	Ecosystem	Opinion verb	Private worship
Scalar	Ratification	Biodiversity	Infinitive	Nonconformist
Vector	Federalism	Interdependence	Frequency expression	Sacraments
Velocity	Total War	Deforestation	Conjugate	Holy Communion
Resultant force	Homestead	Subsistence	Adjectival agreement	Agape
Centre of mass	Reservations		Wow phrase	Mission
			Exclamation	
Drama	Child Development	Dance	Art	PE
Suspense	Delayed gross motor skills	Command words	Response	Participation
Mood	Delayed fine motor skills	Subject Specific Vocabulary	Develop	Barriers
Atmosphere	Poor concentration levels	Stimulus	Experiment	User Groups
Climax \ Anti-climax	Down's syndrome	Motif	Annotate	Stereotyping
Pla within a play	Embryo	Development	Review	Team Spirit
Tension	Delayed literacy skills	Choreographic device	Refine	Fair Play
Suspension of Disbelief	English as an additional language	Choreographic intent	Primary source	National Pride
Director	Transitions	Action	Composition	Tolerance and Respec
Producer	Initiate play	Space	Analyse	NGB
Stage manager	Sustain involvement	Dynamics	Resource	Sports Councils
Choreographer	Isolate	Dynamics	incidence	Sports councils
Construction	iMedia	Hospitality and Catering	Music	Business
Structure	Visual Identity	Carbon footprint	Pizzicato	Medium
Sustainability	Visualisation Diagram	Greenhouse gases	Divisi	Promotional mix
Harvesting	Mind Map	Reduction	Double stopping	Push Strategies
Roofing	Moodboard	Roux sauce	Arco	-
Insulation		Substitutions	Tremolo	Budget Assets
	Central Subject Node			
Boarding	Topic Node	Blanch	Tongued	Capital
Panels	Sub Node	Organoleptic	Slurred	Start-up costs
Party walls	Connector/Branch/Line	Dovetailing	Muted	Running costs
Interior	Conventions	Mis en plas	Drum roll	Cost of sales
Exterior	Concept sketches	Gelation	Glissando	Retained profit
				Net current assets
				Liquidity
				Trade Credit

Science-Chemistry

Finite resource Renewable resource Sustainable development Dynamic equilibrium Le Chatelier's Principle **Reversible reaction** Concentration Atmosphere Greenhouse effect Greenhouse gases Photosynthesis Sociology Absolute poverty Achieved status Ascribed status Bourgeoisie Culture of dependency Glass Ceiling Life chances Power Pressure group Relative poverty

Technology

A static load A dynamic load Tension Tensile Compression Compression strength Torsion Torsional strength Bending Shear

Core RS

Afterlife Eternity Funeral Heaven Hell Judgement Medium Nibbana Near death experience Paranormal activity Rebirth Reincarnation

Year 11 English Language– Component 2

Box 1 Vocab	ulary:
Term	Definition
Obsessive	Thinking about someone, or something too much or all the time.
Determined	Wanting to do something very much and not letting anything stop you.
Tradition al	Following or belonging to the customs or ways of behaving that have continued in a group or society for a long period of time.
Proud	Feeling pleasure and satisfaction because you, or people connected with you, have done something good.
Over-whelmed	A feeling of sudden strong emotion.
Passionate	Having or showing very strong feelings or emotions.
Nuisance	Something or someone that is very annoying and causes trouble for others.
Smug	Too pleased or satisfied about something achieved or what someone knows.
Superior	Better than average or than someone or thing of the same type.
Delighted	Very pleased.
Gloats/ gloating	Verb: to think about something triumphantly or with malicious satisfaction or delight.

Box 2: Article- POV

- An article could appear in the following formats: a magazine, certain sections of a newspaper, websites.
- Typical subjects covered in articles: travel/ sport/ history/ hobbies/ home/craft music/ celebrities/famous figures/ controversial topics.
- An article should include a **catchy, memorable headline**: questions, alliteration, statement, word play, ambiguity.
- The structure of an article is as follows: **Headline**, introduction or views made clear, x3 main points explored, conclusion.
- At paragraph level, the structure should be as follows: Discourse marker, topic sentence, exploration of this idea: examples, anecdote, evidence to support topic sentence, professional views, statistics...

Box 3 Tier Three Vocabulary:

Term	Definition	
Experiences	An even/ activity which leaves an impression on someone.	
Thoughts	Ideas reflecting conscious or unconscious reflections; to consider something.	
Feelings	An emotional state; a reaction; an idea or belief; an attitude or opinion.	
Impressions	A thought or idea about something or someone without conscious thought/ using little evidence.	
View	Regard in a particular light or with a particular attitude.	
Tone	The writer's use of words and writing style to convey his or her attitude towards a topic.	
Change	An act or process that makes something different; alter; modify; transform.	
Enjoyable	An activity or occasion giving delight or pleasure; great.	

Year 11 — Conflict Poetry and 'Macbeth', Shakespeare

1. Macbeth Key Quo	tations	2. Macbeth	— Key Terminology:		
'For brave Macbeth well he deserves that name'	Macbeth is portrayed as a strong and loyal soldier, respected by others and the King. This is important as it inflates the tragedy of his downfall and	Hamartia	A fatal flaw leading to the downfall of a tragic hero or heroine.	Tragic hero	A character who makes a judgment error that inevitably leads to his/her own destruction.
	emphasises how his ambition poisons him and turns him evil.	Hubris	Excessive pride or self-confidence.	Regicide	The action of killing a king.
'Stars, hide your fires; / Let not light see my black and deep desires, / The eye wink at the hand. '	This clearly identifies the contrast between light and darkness (good and evil) and how Macbeth is conflicted by his deep evil ambitions and the	Blank verse	Dialogue without rhyme or rhythm. Shakespeare has characters of low birth speaking in blank verse.	Foil	A character who contrasts with another character, to highlight qualities of the other character.
'Come you spirits, that tend on mortal thoughts. Unsex me here, and fill me, from the crown to the toe, top-full of	consequences of his actions both personally and religiously (stars being heaven). Lady Macbeth shows her own ambition to be less feminine and take on the role of her husband, asking spirits to fill her with evil and the ability to kill the King to achieve power. It shows her willingness to welcome evil into	lambic Pentameter	Five feet, each consisting of one unstressed syllable followed by a stressed syllable. Shakespeare has characters of noble birth speaking in iambic pentameter.	Catharsis	The process of releasing, and thereby providing relief from, strong or repressed emotions.
direst cruelty"	her life, and emphasises the link between the supernatural and evil in the play.	Unchecked ambition	When ambition goes unchecked by moral constraints .	Subvert	To undermine the power and authority of an established system or institution.
"Will all great Neptune's ocean wash this blood clean from my hand"	After killing Duncan, Macbeth is overcome with guilt, represented through the motif/symbol of blood in the play. Here he says that even all the seas	Equivocation	Ambiguous language to conceal the truth or to avoid committing oneself; prevarication.	Paradox	A statement that logically can't be true—it is self-contradictory.
	could not wash it from his hand, he will forever feel it.	Patriarchal	A society controlled by men.	Omniscient	All-knowing.
'To be thus is nothing but to be	After becoming King, Macbeth is still not content that his ambition is	Monologue	A long speech by one character.	Usurp	Take illegally or by force.
safely thus'	fulfilled. His paranoia has set in and he worries about Banquo and his son.	Prophecy	A prediction of what will happen in the future.	Soliloquy	A character speaking their thoughts/feelings aloud.
<i>"I am in blood, steeped in so far, that, should I wade no</i>	After killing Banquo and being haunted by his Ghost, Macbeth decides that				
more, returning were as tedious as go o'er"	his evil actions have taken him this far and to turn back would make his previous decisions pointless. To let go of his power would have it all have been for nothing.	3. Macbeth King James I	— Context: Catholic King of England. Survived the recent attempt on his life (Guy Fawkes—the gunpowde plot). He wrote a book on the supernatural — 'Demonology'.		
"Will these hands ne'er be	Lady Macbeth is also overcome with guilt by Act 5, even after previously	King Duncan	A real king who was murdered by a man named Macbeth in the 11th century.		
clean?'	showing little regard for Duncan's death in Act 1 and 2. She sleepwalks, trying to clean her hands of the blood (guilt) that eventually leads top her death.	Banquo	Is believed to be a relative of King James I - therefore he could be king as he is of noble birth. Banquo is the only truly good character; he never turns his back on his friends, family or his king.		
'dead butcher, and his fiend- like queen'	Malcolm's final words on Macbeth and Lady Macbeth as he takes back the crown of Scotland in the final scene of the play, emphasising the effect their ambition ultimately had on them.	Shakespeare	Added supernatural elements to the play after the first version was published to impress James, who was a very superstitious man. He knew that the play would never been seen King James' support.		





Mathematics Foundation



Subjec	Subject terminology - Angles and Circle Geometry		
Regular shape	ular shape A shape whose sides are of equal length and		
	angles all the same.		
	Eg: an equilateral triangle or square.		
Interior Angle	An angle inside a shape, created by two lengths of		
	the shape meeting.		
	Eg: The interior angles of an equilateral		
	triangle are all 60 degrees.		
Exterior Angle	The angle created when an interior angle is		
	extended along a straight line.		
	Formula: Interior angle + Exterior angle = 180°		
Isosceles	A triangle where two sides are of equal length and		
Triangle	corresponding angles are equal.		
-			

Circle Theorems



The angle in a semi-circle is 90°



The angles in the same segment from a common chord are equal



The angle at the circumference is half the angle at the centre



The opposite angles in a cyclic quadrilateral always add to 180°



Alternate segment theorem The angle between the chord and the tangent is equal to opposite angle inside the triangle.



The angle between a radius and a tangent is 90°

Tangent	A line that just touches a curve at a point, matching
	the curve's slope there.
	Fact: A tangent to a radius creates a 90° angle
Cyclic	A cyclic quadrilateral is a quadrilateral which has all
quadrilateral	its four vertices lying on a circle
Perpendicular	A line which cuts a line segment into two equal parts
Bisector	at 90°
Chord	A straight line that connects two points on a circle's
	circumference.

Interior and Exterior Angles



Polygon	Sides	Sum of Interior Angles	Each interior angle of regular polygon	Sum of Exterior Angles
Triangle	3	180°	60°	360°
Quadrilateral	4	360°	90°	360°
Pentagon	5	540°	108°	360°
Hexagon	6	720°	120°	360°
Any Polygon	п	$(n-2) \times 180^{\circ}$	$\frac{(n-2)\times 180^{\circ}}{n}$	360°



Topic: B15 Adaptations and competition

Competition in plants and animals

<u>Competition</u>: The process by which organisms compete for limited resources

Animals	Plants
Food	Light
Territory	Space
Mates	Water and minerals
Habitat	

Adaptations to hot and cold climates

Hot cli	Cold climate	
Animals Plants		Animals
Large surface area to volume ratio to let heat out	Small surface area to leaves to prevent transpiration	Small surface area to volume ratio to keep heat in
Camouflage to avoid predation or to aid predation	Store water (succulents)	Camouflage to avoid predation or to aid predation
Thin fur	Large surface are of root to absorb rain water	Thick fur
Active in the morning or at night when temperature is lower	Deep roots to absorb water deep underground	Hibernate or migrate during the winter

Adaptations: Special features that help an organism to survive in their habitat

<u>Subject</u> Terminology	<u>Definition</u>
Population	The number of individuals with a species living in a certain area at a certain time
Community	A group of interdependent living organisms in an ecosystem
Ecosystem	The interactions between the living and non living aspects of a habitat
Abiotic factors	The non-living factors of an ecosystem such as light, temperature and oxygen levels
Biotic factors	The living factors of an ecosystem such as competition, predation and disease

Measuring distribution – Key practical

- 1. Choose two habitats to be sampled that vary in an abiotic factor (light levels in an open field compared to under a tree).
- 2. Decide on an appropriate species to be studied (daisies or dandelions)
- 3. Divide the study habitat 1 into a grid (shown below)
- 4. Randomly sample habitat 1 using a quadrat (shown below)
- 5. Repeat multiple times within habitat 1
- 6. Repeat steps 1-5 in habitat 2
- Compare your results to decide whether or not the abiotic factor affected the distribution of your chosen species

Improving validity

- 1. Random
 - sampling
- Same sized quadrat
- 2 Ponos
- 3. Repeat

multiple times



A quadrat (square frame) to select or e.g. (2,7).



Divide the field into a grid. Random sampling Non-random sampling Only looks at a small part of the field. Randomly selects squares from all over the field Label the grid along the bottom and up the side with numbers. Use a random number generator (e.g. on a computer or calculator) to select coordinates, Place your quadrats at these coordinates to take your samples. 1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10

Subject: Science - Biology

Topic: Biology Paper 2

	Natural Selection Mode Answer Natural Selection Mode Answer Natural Selection Mode Answer 1. A mutation causes variat the species. 2. The organism better adapted/most suited sur 3. The organism reproduce passes on its genes to the generation.	ion in Hormone vives. Testosterone	Definition V Chemical messenger produced in glands and carried by the blood to specific organs. The main male sex hormone that controls the male secondary sexual characteristics at puberty and the production of sperm Female sex hormone that controls the development of secondary sexual characteristics in girls at puberty and the build-up and maintenance
Motor neurone	Maintaining biodiversity	Homeostasis	of the uterus lining during the menstrual cycle The maintenance of a constant internal environment
Motor neurone	Scientists and concerned members of the public help maintain biodiv	versity Synapse	The gap between two neurones.
Effector	by:	Allele	Different versions of the same gene.
	•breeding programs to help preserve endangered species , like the p	Clone	Offspring that is genetically identical to the parent. two identical alleles for a characteristic
Response	•protection and development of new endangered habitats , often by	Anda Homozygous Heterozygous	different alleles for a characteristic
Endocrine System Pituitary gland	making National Parks •replanting hedgerows because there is higher biodiversity in them t the fields they surround •reducing deforestation and the release of greenhouse gases •recycling rather than dumping waste in landfill sites		Sexual vs Asexual Reproduction Meiosis Mitosis
Thyroid gland Produces thyroxine Pancreas Produces insulin Testes Produce testosterone Female Ovaries Produce oestrogen	How to construct Punnett squares1. Determine the parent You can use any lette select one that has a c lower case, for exampf is the cystic fibrosis allelemother FFfFff atherFFFfF <t< td=""><td>you like but learly different le: Aa, Bb, Dd. ch parent and innett square ssible genetic</td><td>1 (2n) cell divides to 1 (2n) cell divides Form 4 (n) cells Genes to form 2 (2n) cells Fertilization occurs passed on No fertilization Extensive genetic Parent cell divides Limited genetic variation Population grows Slowly Population grows Slowly Little energy Little energy Sexual Asexual</td></t<>	you like but learly different le: Aa, Bb, Dd. ch parent and innett square ssible genetic	1 (2n) cell divides to 1 (2n) cell divides Form 4 (n) cells Genes to form 2 (2n) cells Fertilization occurs passed on No fertilization Extensive genetic Parent cell divides Limited genetic variation Population grows Slowly Population grows Slowly Little energy Little energy Sexual Asexual

Subject: Science - Biology

1 2 3 4 5 6 7 8 9 10

Topic: Biology Paper 2

HUMANS

CHIMPANZEES

BONOBOS

GORILLAS

PRESENT-DAY SPECIES

ORANGUTANS



2 3 4 5 6 7 8 9 10

events

New

3.

4.

5.

6.

7.

your samples.

predators

	•			
<u>Subject</u> <u>Terminology</u>		Definition		
Muta	ation	A change in the genetic sequence of an organism		
Population		The number of individuals with a species living in a certain area at a certain time		
Cc	ommunity	A group of interdependent living organisms in an ecosystem		
Ec	cosystem	The interactions between the living and non living aspects of a habitat		
Abio	otic factors	The non-living factors of an ecosystem such as light, temperature and oxygen levels		
Bio	tic factors	The living factors of an ecosystem such as competition, predation and disease		
The carbon cycle	CARBON IS REL INTO THE ATMO WHEN FOSSIL ARE BURNED (COMBUSTION)	CARBON IS RELEASED INTO THE ATMOSPHERE DURING RESPIRATION OF PLANTS, ANIMALS AND DECOMPOSERS PLANTS ARE EATEN BY ANIMALS CARBON IN DEAD CARBON DIOXIDE FOSSILISATION OF		

Paper 2 Subject: Science - Chemistry

Topic: C12 Earth's resources



Subject: Science - Chemistry Topic: C8 - 12 Paper 2 revision

This table shows the first four members of the alkane homologous series



Pure and impure substances Pure substances have a sharp melting point but mixtures melt over a range of temperatures. Range of melting Sharp points melting point 100 Liquid cooling 45°C Melting range between 40-50°C Freezing Freezing Time (minutes) Time (minutes)

Definition
If a chemical reaction happens in a container where none of the reactants. or products. can escape, this is a closed system.
is the principle when a stress is applied to a chemical system at equilibrium, the equilibrium will shift to relieve the stress.
A reaction that occurs in both directions at the same time shown by \rightleftharpoons
The concentration of a solution tells us how much of a substance is dissolved in water in g/dm ³ . The higher the concentration, the more particles of the substance are present
Refers to the speed at which the products are formed from the reactants in a chemical reaction
The minimum amount of energy that colliding particles must have for them to start to react.
A substance that increases the rate of a chemical reaction without being changed by the reaction itself.
A compound containing hydrogen and carbon atoms only
Saturated hydrocarbon with the general formula $C_n H_{2n+2}$
Unsaturated hydrocarbon containing at least one C=C and with the general formula C _n H _{2n}
the process of separating crude oil into groups of hydrocarbons with similar numbers of carbon atoms using the physical process of evaporation then condensation.
A chemical reaction where carbon and hydrogen atoms are oxidised and energy is released.
complex mixtures of chemicals which have a specific use
Phase in chromatography that moves, usually a solvent or mixture of solvents (most commonly water or alcohol).
Phase in chromatography that does not move, for instance, the paper in chromatography.



Subject: Science - Chemistry Topic: C8 - 12 Paper 2 revision

Chromatography

Paper **chromatography** is used to separate mixtures of **soluble** substances.

R_f values can be used to identify unknown chemicals if they can be compared to a range of reference substances. The R_f value is always the same for a particular substance.





Subject terminology	Definition
Atmosphere	the layers of gases that surround the Earth. The important gases in the atmosphere are nitrogen, oxygen
	and carbon dioxide
Greenhouse effect	the retention of heat in the atmosphere caused by the build-up of greenhouse gases.
Greenhouses gases	the gases responsible for global warming - carbon dioxide, methane, and water vapour.
Photosynthesis	a chemical process used by plants to make glucose and oxygen from carbon dioxide and water, using light energy
Climate change	the long-term alteration of weather patterns.
Pollutant	a toxic chemical or object that causes damage to the land, air or water.
Carbon footprint	a measure of how much carbon is used through the activities of a person, company or country.
Complete combustion	burning in a plentiful supply of oxygen or air. Complete combustion of a hydrocarbon produces water vapour and carbon dioxide.
Sustainable development	development that meets the needs of the present without compromising the ability of future generations to meet their own needs
Potable water	water that is safe for humans to drink
Desalination	the removal of salt from seawater



Paper 2 Subject: Science – Physics

Topic: P13 Electromagnetism



Magnetic fields can be mapped out using a small plotting compass

- place the plotting compass near the magnet on a piece of paper
- 2. mark the direction the compass needle points
- move the plotting compass to many different positions in the magnetic field, marking the needle direction each time
- 4. join the points to show the field lines

The needle of a plotting compass points to the south pole of the magnet.



Subject Terminology	Definition
Solenoid	A long piece of conducting (and insulated) wire is looped into a coiled cylinder. The magnetic field is uniform and strong.
Electromagnet	An electromagnet is a solenoid with an iron core
Magnetic field	The region around a magnet where a force acts on another magnet or on a magnetic material
Current	Rate of flow of electrical charge measured in amps
Force	A push or pull that acts upon an object as a result of that objects interactions with its surroundings
Magnetic flux density	Magnetic field strength (force per unit length per unit current)
Density	A mass of a unit volume of a material substance Density = mass ÷ volume

Ways in which you can make the magnetic field around a solenoid/electromagnet stronger:

- 1. Using a larger current.
- 2. Using an iron core.
- 3. Add more turns to the wire.
- 4. Place the turns of the wire more closely together.

Subject: Science - Physics

Topic: Physics Combined Science Paper 2

SCALAR	VECTOR			Calcu	llating resultant for	rces		Subject Terminology		
DISTANCE		IT			•		Key Word	Definition		
					When the forces are in the same	When the forces are in the opposite	Scalar	Quantities that have magnitude only e.g.		
SPEED	VELOCITY					directions. subtract them.		speed, temperature, mass		
TIME	ACCELERATIO	N			them.		Vector	Quantities that have magnitude and		
ENERGY	FORCE		5N	5N	3N	7N 3N	Velocity	direction e.g. velocity, displacement, force Speed in a given direction. A vector.		
144.66	WEIGUT		A					Measured in m/s		
MASS	WEIGHT						Resultant	A single force which can replace all the		
	MOMENTUM		RESULTANT FOR (THE FORCES A BALANCED)		3 + 7 = 10 N 7	RESULTANT FORCE = 2 - 3 = 4 N TO THE LEFT)	force	forces acting on an object and have the same effect.		
Repr	esenting Motion or		ïme and		Copyright © Save My Exams. All Rights Reserved		Centre of mass	The point in an object where all the mass of an object appears concentrated.		
	Velocity-Tim	e Graphs		Typical Speeds			Stopping			
	Distance-Time	istance-Time Velocity-Time			i y picai opec			Thinking distance + stopping distance.		
g	↑ D	↑S			Walking	1.5 m/s	distance			
be						Running		3 m/s	Thinking distance	The distance travelled during a person's reaction time.
Stopped					Cycling	6 m/s	Braking	The distance taken to stop once the		
Ő	L↓t		t	Car		13 – 30 m/s	distance	brakes are applied.		
H	The steeper the line the faster the speed				Train	50 m/s	Directly	Shown on a graph by a straight line		
nstan peed	↑D	↑s			Plane	250 m/s	proportional	through the origin.		
Constant Speed					Sound	330 m/s	Longitudinal wave	The oscillations are parallel to the direction of energy transfer.		
Ŭ	·		Light breeze – gale force winds 3 m/s – 20 m/s							
	∠	The stee	eper the line				Transverse wave	The oscillations are perpendicular to the direction of energy transfer.		
D Sceleration		ter the			Using Equations					
Constant Acceleration	$speed = \frac{distance travel}{time takel}$					elled Formula: ' Insert valu	Remember FIFA Write down the equation to use ues: Substitute your numbers into the equation			
Gradier	nt = Speed	Gradient	= Accelerati	on	accelero	ition =time taken	Fine tune: need to	Rearrange the equation and convert units if you		
	-	Area = D	istance trave	elled	,	$v^2 = u^2 + 2as$		Calculate the answer and write the unit		

Subject: Science - Physics

Topic: Physics Combined Science Paper 2





2. Using an iron core.

1. Using a larger current.

- 3. Add more turns to the wire.
- 4. Place the turns of the wire more closely together.

Amplitude Trough									
Wavelength									
pression Rarefaction Compression									
	Dangers of	EM Waves							
Wave	Danger								
Radio	• No known dang	ger							
Microwave	• Possible heat	damage to internal organs							
Infrared	• Skin burns								
Visible light	• Bright light co	an cause eye damage							
Ultraviolet	Eye damage You must specify <u>skin</u> Sunburn cancer to get the mark Skin cancer here								
X-rays	• Kills cells • Mutations • Cancer								
Gamma Rays	 Kills cells Mutations Cancer 	L. All Repty (Reserved							

What is a	in Ecosystem?		Biome's climate and plants								
An ecosy	stem is a system in which organisms interact with eac with their environment.	h other and	Biome	Location	Temperature	Rainfall		Flora		Fauna	i de la companya de l
Ecosyste	m's Components		Tropical rainforest	Centred along the Equator.	Hot all year (25-30°		, .		•		est range of different animal s. Most live in canopy layer
Abiotic Biotic	These are non-living , such as air, water, heat and roo These are living , such as plants, insects, and animals.		Tropical grasslands	Between latitudes 5°- 30' north & south of Equator		30°C) Wet + dry se (500-1500m		Grassland trees.	ds with widely spa	-	hoofed herbivores and ores dominate.
L	Flora Plant life occurring in a particular region Fauna Animal life of any particular region or tir		Hot desert	Found along the tropics of Cancer and Capricorn.	Hot by day (over 30 Cold by night	°C) Very low (be 300mm/yea			lants and few spe to drought.		animals are small and mal: except for the camel.
(ETA	Food Web and Chains		Temperate forest	Between latitudes 40°- 60° north of Equator.	Warm summers + n winters (5-20°C)	nild Variable rain 1500m /yea	•	Mainly de of specie	eciduous trees; a .s.		Is adapt to colder and er climates. Some migrate.
Kite	Simple food chains ar explaining the basic p behind ecosystems. T	rinciples hey show	Tundra	Far Latitudes of 65° north and south of Equator	h Cold winter + cool summers (below 10	Low rainfall 0°C) 500mm/ yea	•	•	ants grow close to and only in summe		umber of species. Most Is found along coast.
Snake	only one species at a trophic level. Food we consists of a network chains interconnected	e bs however of many food	Coral Reefs	Found within 30° north – south of Equator in tropical waters.	Warm water all yea round with tempera of 18°C	,	es greatly	includes	nge of plant life w algae and sea gra ters reef animals.	sses divers	nated by polyps and a e range of fish species.
Nutrient o	cycle		Unit 1b				CASE STUD	OY: UK Eco	osystem: Epping F	orest, Essex	
organic m animals ea	e in nutrients to build into new atter. Nutrients are taken up when at plants and then returned to the	BIOMASS		e Livir				e of Speci	ial Scientific Inter		% of the area is designated ogical interest, with 66 % ation (SAC).
	animals die and the body is broken lecomposers.	Plant uptake			18 444	JIIU	Componen	its & Inter	rrelationships		Management
Litter	This is the surface layer of vegetation, which over time breaks down to become humus .	Somposition SOIL	Tropical rainf	•	forest Biome		Spring	blue	vering plants (pro bells store nutries sumers later.	ducers) such as nts to be eaten by	 Epping has been managed for centuries. Currently now used
Biomass	The total mass of living	Weather	•	Tropical rainforest cover about 2 per cent of the Earth's surface yet they are J home to over half of the world's plant and animals .			Summer	Broad tree leaves grow quickly to maximise photosynthesis .		for recreation and conservation.	
Biomes	organisms per unit area.	TOCK		Interdependence	e in the rainforest		Autumn	Tree	s shed leaves to c	conserve energy	 Visitors pick fruit and berries, helping to disperse seeds.
	a large geographical area of distinctive plant and anir	nal groups.		works through interdepe nd on each other for surv		•	Minter		to sunlight hours	-	- Trees cut down to encourage new growth
which are	adapted to that particular environment. The climate ar determines what type of biome can exist in that regio	nd geography		be serious knock-up effe		•	Winter		eria decompose t asing the nutrient		for timber.
		Coniferous		Intric Ocean	Distribution of Tropical Ra	ainforests	18.8		Layers of the R		
	the second the	forest	- 2A 3	AR 94	Tropical rainforests are ce Equator between the Trop	-	emergent Layer		Emergent		h trees reaching 50 metres.
20		Deciduous forest	Ocean Ocean Openior		Capricorn. Rainforests car America, central Africa an		Canopy Layer	353	Canopy	of the sunlight ar	nd here as It receives most nd rainfall.
N N		Tropical rainforests	Pacific Ocean	Crean i	The Amazon is the world's and takes up the majority	of northern South	1	SF C	U-Canopy	Consists of trees	that reach 20 metres high.
Tropical Rain Forest Temperate Forest		Tundra	Rainforest		America, encompassing co Brazil and Peru.	ountries such as	Forest Floor	A story Layer a	Shrub Layer	Lowest layer with adapted to living	a small trees that have in the shade.
Deset Tundia Taiga (Boreal Forest) Grassland Shapea (Tentinal Country of	1 1 1	Temperate	Rainforest nutrie	nt cycle		Climate of Tropical	Rainforests			350	35
Freehwader Nation Ice		grasslands	decomposition of	nditions on the forest floor dead plant material. This pr	rovides plentiful	Evening tempDue to the pr		•	elow 22°C. nperatures rare	ely (10) (10) (10) (10) (10) (10) (10) (10)	2104mm of ennual rainfall
5	Tropical grasslands			nutrients that are easily absorbed by plant roots. However, as these			rise above 32°C .				- 15 PC (C)

nutrients are in high demand from the many fast-growing plants,

If vegetation is removed, the soils quickly become infertile.

they do not remain in the soil for long and stay close to the surface.

The $\ensuremath{\textit{most productive biomes}}$ – which have the greatest biomass- grow in climates that are hot and wet.



Hot deserts.

- rise above 32°C.
- Most afternoons have heavy showers.
- At night with no clouds insulating, temperature drops.

Tropical Rainforests: Case Study Brazil

Brazil is a NEE country in South America.

Adaptations to the	rainforest	Rainforest inhabitants			
Spider Monkey	Strong limbs to help it climb	Many tribes have developed sustainable ways of			
Drip Tips	Allows heavy rain to run off leaves easily.	 survival. The rainforest provides inhabitants with Food through hunting and gathering. 			
Lianas & Vines	Climbs trees to reach sunlight at canopy.	 Natural medicines from forest plants. Homes and boats from forest wood. 			

What are the causes of deforestation?

Why are there high rates of biodiversity? Agriculture Logging Most widely reported cause of Large scale 'slash and burn' of Warm and wet climate encourages a wide range of vegetation to grow. land for ranches and palm oil. destructions to biodiversity. There is rapid recycling of nutrients to Timber is harvested to create Increases carbon emission. • • speed plant growth. commercial items such as • River saltation and soil erosion Most of the rainforest is untouched. furniture and paper. increasing due to the large Violent confrontation between areas of exposed land. Main issues with biodiversity decline indigenous tribes and logging • Increase in palm oil is making the soil infertile. companies. Keystone species (a species that are important of other species) are **Mineral Extraction** Tourism extremely important in the rainforest Precious metals are found in ecosystem. Humans are threatening • Mass tourism is resulting in the these vital components. building of hotels in extremely the rainforest. Decline in species could cause tribes vulnerable areas. • Areas mined can experience soil being unable to survive. and water contamination. • Lead to negative relationship between the government and Plants & animals may become extinct. ٠ Indigenous people are Key medical plants may become extinct. becoming displaced from their indigenous tribes land due to roads being built to Tourism has exposed animals ٠ Impacts of deforestation to human diseases. transport products. Economic development **Energy Development Road Building**

+ Mining, farming and logging creates employment and tax income for government.

Issues related to biodiversity

- + Products such as palm oil provide valuable income for countries.
- The loss of biodiversity will reduce tourism.

Soil erosion

- Once the land is exposed by deforestation, the soil is more vulnerable to rain. - With no roots to bind soil together, soil can easily wash away.

Climate Change

-When rainforests are cut down, the climate becomes drier.

- -Trees are carbon 'sinks'. With greater deforestation comes more greenhouse emissions in the atmosphere.
- -When trees are burnt, they release more carbon in the atmosphere. This will enhance the greenhouse effect.

The high rainfall creates ideal conditions for hydro-electric power (HEP).

These have relatively short life spans and can cause river water to become acidic due to rotting of organic material

Sustainability for the Rainforest

as loss of biodiversity, soil erosion and climate change.

- Agro-forestry Growing trees and crops at the same time. It prevents soil erosion and the crops benefit from the nutrients.
- Selective logging Trees are only felled when they reach a particular height.
- Education Ensuring those people understand the consequences of deforestation
- Afforestation If trees are cut down, they are replaced.
- Forest reserves Areas protected from exploitation.
- Ecotourism tourism that promotes the environments & conservation

Cold Environment: Alaska, USA

Alaska is located to the north west of mainland USA next to Canada. It is mostly wilderness with most of the state above the Arctic circle leading to extremes in temperatures.

Opportunities and challenges in the Cold Environments

The fishing industry

There are two main sectors of the industry: Commercial fishing. Since the 1870s, the sector has grown to employ one in ten Alaskans. Some of the biggest salmon, crab, and whitefish fisheries in the world are in Alaska. They provide 78,500 jobs and add US\$6 billion to the state economy annually.

Opportunities

Mineral extraction

In the late 1800s, Alaska was known as 'the gold rush state'. Today, one-fifth of the state's mining wealth still comes from gold (although silver, zinc and lead mining are also very important). Large gold mines must be managed carefully to minimise

environmental impacts. Humans and ecosystems can be harmed by the toxic chemicals used to process gold ore (such as mercury, cyanide and nitric acid). Mining development has sometimes been halted due to environmental campaigns..

Tourism

P

Tourism attracts between one and two million summer visitors each year, making tourism one of Alaska's biggest employers, although some work is seasonal and poorly paid. Some tourists enjoy fishing, while others merely view the wildlife, with popular activities including whale watching and kayaking. Approximately 60 per cent of summer visitors are cruise ship passengers.

Energy

Energy production is another big employer, especially the oil industry (see pages 106–107). More than 50 hydroelectric power (HEP) plants supply Alaskan communities with one-fifth of their electricity. Previously glaciated U-shaped valleys in Alaska are a perfect site for HEP generation. Geothermal energy is also being harnessed in tectonically active parts of the state. Alaska's coastline is part of the Pacific 'Ring of Fire'. A tourist resort at Chena Hot Springs near Fairbanks is now powered entirely by geothermal power.

The low population density of less than one person per square kilometre means that most of Alaska lacks surfaced roads. Hunters, miners and explorers must make their own way across the tundra. Snow and ice make some roads and tracks unusable for months of the year.

Challenges

A process called solifluction takes place in summer. On slopes, the soil's active layer starts to flow downhill. The thawed soil slides easily over the impermeable frozen layer below. Large amounts of soils and mud can collect at the base of slopes, covering highways that run along valley floors, cutting places off for months.

Permafrost underlies most of Alaska (Figure 8.14). The seasonal melting of the active laver means that offroad travel cannot take place during summer.

Over time, the seasonal melting and re-freezing of the active layer results in great expanses of uneven ground surface called thermokarst (Figure 8.15) making travel impossible in some places. Frost heave – where pebbles and stones slowly rise upwards to the ground – can make tracks dangerous.

What can be done?

Indigenous people and newcomers alike use highpitched steep roofs for their homes so snow can slide off. Triple glazed windows help to keep the cold at bay.

Today, new buildings are always raised on piles to prevent melting. These piles can lift a structure several metres above the surface and are sunk deep into the land, well below the lower limit of the active layer. Roads are now built on gravel pads one to two metres deep that stop heat transfer from taking place. Utilities such as water, sewerage and gas cannot be buried underground or they would freeze too. Instead, they are carried by utility corridors or 'utilidors'.

Airport runways are painted white to reflect sunlight and stop them from warming up too much on sunny days.

- Roads are needed to bring supplies and provide access to new mining areas, settlements and energy projects.
 - In Brazil. the Trans-Amazonian Highway has opened up large areas of the forest to development

Uncontrolled and unchecked exploitation can cause irreversible damage such

Possible strategies include:

History

То	pic:	Am
. •	p.c.	,

govern itself.

A farm run by a family.

	Key Dates In the Consolidation of America	
1865	Assassination of Abraham Lincoln	Polygamy
1866	Civil Rights Act	Humanitarians
1868	Fort Laramie Treaty & the Fourteenth Amendment passed by Congress	Ratification
1869	Fifteenth Amendment passed by Congress & the Transcontinental railroad completed.	Federalism
1876	The Battle of Little Bighorn	Ku Klux Klan
1877	End of reconstruction in the south	Total War
1887	Dawes General Allotment Act	Homesteads
1890	Battle of Wounded Knee	Reservations
		Ghost Dance

			D	ing a new wond nee nom me
A	A buffalo skinner.	Buffalo slaughter forced Native Americans to accept Reservations.		Why the Homestea
A Real	Buffalo skins were much in demand.	Buffalo were slaughtered in large numbers by white settles. They were killed to feed soldiers and railroad construction workers.	The actions of the US Government.	The U:S government recognised achieve this the Homestead Act people to settle in the West by a Other acts were:
	The rest of the animal would be left to decay on the plains. This killed	People also killed them for their skins – there was a demand for buffalo robes in the East from the 1850's and from 1871 a process was developed to make buffalo hides into leather. Others just killed them for sport – men would shoot	The end of the American Civil War	1. Timber Culture Act, 1873 Thousands of Demobilised soldi lives. Thousands of newly freed black looked west and became homes builders.
	the main source of food for the Plains	the animals from windows of trains. As a result, buffalo numbers decreased rapidly – in 1865 there were 13 million buffalo but by the end of the century they were almost extinct.	The building of the transcontinental railroads.	The Native Americans believe superior being, known as the They also believed that lesse world. The Native Americans by mankind and we merely of

		Key People		
George Armstrong Custer	<u>General Sheridan</u>	Sitting Bull	Big Foot	<u>Crazy Horse</u>
United States Army officer and cavalry commander in the Civil War and American Indian Wars. Led the US Army at the Battle of Little Bighorn.	Planned and ordered a three-pronged campaign in order to defeat the hostile Indians.	Important chief of the Sioux and refused to live on the Great Sioux reservation. Became involved in the Ghost Dance movement and was shot and killed by Indian police sent to arrest him on 15 th Dec 1890.	Indian Chief who helped lead the Ghost Dance movement. Involved in Battle of Wounded Knee.	A farsighted chief committed to safeguarding the traditional values of the Sioux. Great general who led his people into war against US Army

TECHNICAL VOCABULARY

The practice or custom of having more than one wife or husband at the same time – commonly practiced by Mormons.

The people who took the view of wanting to help integrate the Native Americans into society by teaching them to live like White people – schools, farming etc.

When states formally accept changes to the constitution. An Amendment is ratified once three quarters of States have agreed.

Idea that individual states hold political power - each state decides how to

White supremacy group that formed in 1865. They murdered, lunched, beat and threatened African-Americans. They also burned churches, homes and schools. Waging a war against a whole enemy population, not just the fighting troops. It meant destroying all the food, shelter, clothing and animals of the Plains Indians.

Usually established on worthless land, far from their original territory and often with unfriendly tribes in the same area. Only survived by being fed by the government on a fraction of the promised ration.

New religious movement incorporated into numerous Native American belief systems. Wovoka taught the special Ghost Dance could raise the dead and bring a new world free from the White settlers.

aders went west.

ed the need to populate the West and help to help act was passed in 1862. Intended to encourage allowing each family 160 acres of land for free.

2. The Desert Land Act, 1877

diers and their families were looking to rebuild their

ck slaves were looking for new beginnings. They nesteaders' cowboys, miners, soldiers & railroad-

eved in the spirit world and believed that a ne **Great Spirit** was responsible for all things. ser spirits controlled different elements of the ns believed that land could not be possessed occupy it. The white settlers in the United States believed in the idea of Manifest Destiny, the idea that the United States is destined – by God, its advocates believed – to expand its dominion and spread democracy, Christianity and capitalism across the entire North American continent. White Americans begin to travel across America for a variety of reasons. They passed through the Plain's Indians territory which causes issues due to the clash of cultures. The Government create Acts and Treaties to allow their continued expansion to happen. In 1860 Abraham Lincoln was elected President of the United States of America, despite receiving zero votes from the Southern States. This was one of the factors that led to the American Civil War. In 1863, President Lincoln signed the Emancipation Proclamation which declared "all persons held as slaves are and henceforward shall be free".

POLITICAL REFORM

MONARCHY

Religion

American West HISTORICAL SUBSTANTIVE CONCEPTS

DEOLOGY

Many white Americans believed it was Gods will that they occupied the new land and should take with them their ideas and beliefs of Christianity, Freedom and Democracy. This was called Manifest Destiny

CONFLICT

The Mexican-American War (1846-48) was won by America. This victory brought a lot of states into America from Mexico (including Arizona, New Mexico, Nevada, Colorado and Utah) which opened up a land of opportunity to the white Americans. Slave states (the southern states of America) and Free States (the northern states of America) begin to argue other the future of the newly acquired territories.

REVOLUTION

INVASION

TAX & ECONOMY

Between 1820 to 1860 the Southern states grew increasingly reliant upon Slavery to support their cotton-based economy. Westward migration, technological advances and a rapid economic development pushed America forward as they claimed millions of acres and thousands of people as part of the United States. Half-Term 3 Subject Spanish Y11 Jobs and future plans

¿Qué te gustaría ser en el futuro? ¿Por qué?

Verb	Noun	Connective	In my opinion	I think that	Verb	Infinitive
Me encantaría ser = I would love to be	ama de casa = housewife albañil = bricklayer	because			puedo = l can	ayudar otras personas = to help other people
Me chiflaría ser = I would love to be	azafato = flight attendant	porque		creo que		ganar mucho dinero = to earn a lot of money
Me molaría ser = I would love to be	bombero = firefighter abogado = lawyer		en mi opinión		quiero =	reparar coches = to repair cars
Me fliparía ser I would love to be	cajero = <mark>cashier</mark> panadero = baker	dado que			l want	vigilar los niños = to look after children
Me apetecería ser = I would be interested to be	camarero = <mark>waiter</mark>			pienso que		enseñar los niños = to teach children
Me interesaría ser = I would be interested to be	cocinero = cook carnicero = butcher	puesto que	a mi juicio			encargarme = to be in charge of
Me fascinaría ser = I would be fascinated to be	enfermero = nurse gerente = manager	ya que	para mí		tengo ganas de = I want to	montar mi propio negocio = to set up my own business
Me gustaría ser = I would like to be	fontanero = plumber electricista = electrician	aunque =			voy a = I am going to	viajar por todo el mundo = to travel the world
Quisiera ser = I would like to be	ingeniero = engineer secretario = secretary	although		considero que		cuidar a los clientes / pacientes / jubilados= to look after the customers / patients / retired people
	jardinero = gardener					contestar llamadas telefónicas = to answer phone calls
	mecánico = mechanic		a mi modo de ver		espero = I hope	preparar platos = to prepare meals
	medico = <mark>doctor</mark>	_				servir comida y bebida = to serve food and drink
	militar = soldier soldado = soldier				tengo la intención de =	vender ropa de marca = to sell designer clothes
No me gustaría ser = I wouldn't like to be No me interesaría ser = I wouldn't be interested to be	peluquero = hairdresser recepcionista = receptionist contable = accountant				l intend to planeo = l plan	trabajar al aire libre / en un hospital / en un taller / en una tienda / en una oficina = to work in the fresh air / in a hospital/ in a workshop/ in a shop / in an office
Detestaría ser I would hate to be	periodista = journalist veterinario = vet		desde mi punto de vista			ambiciosa ambitious trabajadora = hardworking paciente = patient inteligente = intelligent
No me apetecería ser = I wouldn't be interested to be	policía = police officer traductor = translator				soy una persona	creativa = creative organizada = organized seria = serious práctica = practical
Odiaría ser I would hate to be	profesor = teacher				= I am a person	extrovertida = outgoing

	Opinion	Infinitive	Connective	Opinion
Si pudiera = If I could	me encantaría = I would love	ganar mucho dinero = to earn a lot of money		lo pasaría bomba = I would have a great time
Si fuera posible = If it was possible	me molaría= I would love	buscar un trabajo = <mark>to look for a job</mark> formar una familia = <mark>to have a family</mark>		lo pasaría fenomenal = I would have a great time
Si ganara la lotería = If I won the lottery	me chiflaría = I would love	ir a España = to go to Spain casarme = to get married		lo pasaría fantástico = I would have a fantastic time
Si tuviera bastante dinero = If I had enough money	me interesaría = I would be interested	pasar un año en Australia = to spend a year in Australia	porque = because	lo pasaría fatal = I would have an awful time
Cuando sea mayor = When I am older	me apetecería = I would be interested	aprender a esquiar = to learn to ski	dado que = because	lo encontraría aburrido = I would find it boring
Cuando tenga dieciocho años = When I am 18	me fascinaría = I would be fascinated	viajar con mochila por el mundo = to go backpacking around the world	puesto que = <mark>because</mark>	lo encontraría interesante = I would find it interesting
Después de haber estudiado = After having studied	me gustaría = I would like	comprar un coche / una casa = to buy a car / house	ya que = because	sería estupendo = it would be great
Cuando termine mis estudios = When I finish studying	no me gustaría = I wouldn't like	ser famoso / rico = to be famous / rich	aunque = although	sería fantástico = it would be fantastic
Después de haber terminado mis exámenes = After having finished my exams	no me apetecería = I wouldn't be interested	trabajar en un orfanato = to work in an orphanage		sería guay = <mark>it would be cool</mark> sería divertido = <mark>it would be fun</mark>
Después de haber terminado en la universidad = After having finished university	no me interesaría = I wouldn't be interested	apoyar un proyecto medioambiental = to support an environmental project		sería aburridísimo = it would be extremely boring

		PRESE I do Id to s		PRETI I d (add ste	lid d to	IMPEF I was (add to	doing	CONDITIONAL I would do (add to infin)	FUTURE I will do (add to infin)	PERFECT I have done	PRESENT CONTINUOUS I am doing	Una entrevista El sueldo / el salario	Interview Salary
	AR	ER I	R	AR ER/	/IR	AR ER/	IR	AR/ER/IR	AR/ER/IR	AR> ado	AR> ando	Repartir periódicos	To deliver newspapers
				,	,					ER/IR> ido	ER/IR> iendo	Hacer de canguro	To babysit
I	0	0	0	é	I	aba	ía	ía	é	heado	estoyando	Ayudar en casa	To help at home
You	as	es	es	aste	iste	abas	ías	ías	ás	hasado	estásando	Pasear al perro	To walk the dog
He	a	e os em	e 05	ó amos	ió imos	aba ábamos	ía íamos	ía íamos	á emos	haado	estáando estamosando	Pasar la aspiradora	To do the vacuuming
/ou.pl	imo		ís	asteis		abais	íais	íais	éis	habéisado	estáisando	Ganar _ libras a la hora	To earn £_ per hour
They		en	en	isteis	ieron	aban	ían	ían	án	hanado	estánando	Mi jefe / jefa	My boss
-	an	en	CII	aron	leion	aban	Idii					Mis compañeros	My colleagues
Some common I	ir> ser:	voy >soy		ir>fui ser>fu	i	ser>era ir>iba		Same as future tener>tendría	conditional	abrir>abierto escribir>escrito	dormir>durmiend o	Mis prácticas laborales	My work experience
R R		>doy ar>es		dar>di estar>		hay>ha	bía	venir>vendría poner>pondría	tener>tendré venir>vendré	hacer>hecho poner>puesto	seguir>siguiendo sentir>sintiendo	Una año sabático	A gap year
E G	hac	er>ha	ago	hacer>	hice			salir>saldría	poner>pondré salir>saldré	romper>roto	vestir>vistiendo	El paro / el desempleo	Unemployment
U		er>te Ier>p	-	tener> poner>				saber>sabría poder>podría	saber>sabré	ver>visto volver>vuelto		Solicitar	To apply
L A	sali	r>sal	go	saber>	supe			haber>habría decir>diría	poder>podré haber>habré			La universidad	University
R S								querer>querrí a	decir>diré querer>querré			Un título	Degree
	I			I		I		1		-		El bachillerato	A levels
												Experiencia previa	Previous experience

GCSE DANCE KNOWLEDGE ORGANISER

EXAM COMMAND WORDS

Analyse: Separate information into components and identify characteristics to be able to explain and interpret.

Comment: Present an informed option.

Compare: Identify similarities and/or differences.

Consider: Review and respond to information given.

Define: Specify meaning.

Describe: Set out characteristics.

Discuss: Present key points taking into account different ideas, characteristics and/or features.

Evaluate: Judge from available evidence and make an informed design on the effectiveness.

Explain: Set out purposes or reasons.

Give: Produce an answer from recall.

How: State in what ways.

Identify: Name or characterise.

Interpret: Translate information into recognisable form demonstrating an understanding of meaning.

Name: Identify correctly.

Outline: Set out main characteristics.

State: Express in clear terms.

Suggest: Present a possible case or possible answer.

Tick: Put a mark to indicate something is correct.

What: Specify something.

Which: Specify from a range of possibilities.

Why: Give a reason or purpose.

KNOWLEDGE, UNDERTSANDING AND SKILLS FOR PERFORMANCE

Expressive skills Projection Focus Spatial awareness Facial expression Phrasing Musicality Sensitivity to other dancers Communication of choreographic intent Mental Skills Prep for performance

Prep for performance: Systematic repetition Mental rehearsal Rehearsal discipline Planning of rehearsal Response to feedback Capacity to improve

During performance: Movement memory Commitment Concentration Confidence Physical skills Posture Alignment Balance Coordination Control Flexibility Mobility Strength Stamina Technical skills Action Space Dynamics Relationships Timing Rhythmic content Moving in a stylistically accurate way

Safe Practice Prep for performance: Warming up Cooling down Nutrition & Hydration

During performance: Safe execution

Appropriate dance wear: Footwear Hairstyle Clothing Absence of jewellery

GCSE DANCE KNOWLEDGE ORGANISER



Year 11

Topic: Production

Building Tension:

Tension, or **dramatic tension**, often lies with the development of **suspense** in a drama. As the **audience** anticipates certain outcomes in the plot, the **tension builds**. An example **of rising tension** occurs in a mystery play or whodunit. In these instances, the audience is left in a constant state of **suspense** trying to guess the real culprit.

The development of **tension** usually parallels the advancement of the plot, leading to a **crisis or climax. Tension** is closely linked with the **element of timing**.

The Audience:

Using the **imagination** of the **audience** and the **suspension of disbelief** is extremely important when developing **tension**, **suspense and atmosphere**.



The use of **sound effects, music, lighting, costume and set** in a performance can be pivotal in creating **suspense and atmosphere**.

Symbol

A symbol is something which stands for, or **represents something else**. **Symbols** are often used in drama to deepen its meaning and remind the audience of the themes or issues it is discussing. A **prop** often has a particular significance that an **audience** will instantly recognise when used **symbolically** in the work.



Lighting

Altering the **level of light** and combining the light with various colours can help to significantly change the **mood** and **atmosphere** of a scene.

- A low lighting level, with dark blues, greens or reds, can make the stage very eerie and filled with dramatic tension.
- A high lighting level of warm, coloured light can produce a very happy and energetic feeling on stage.

	Subject Terminology
Suspense	A state or feeling of excited or anxious uncertainty about
	what may happen.
Mood	Created by the director, performers and performance
	elements all working together. Eg: mysterious, stressful
Atmosphere	Atmosphere is the overall feeling the audience experiences
	as a result of the mood created in the scene.
Climax/ Anti-climax	This is the building and release of tension in drama .
Play within a play	It means that your characters are performing a play on-
	stage for their own benefit, as a part of the play
Tension	Tension is a growing sense of expectation within the
	drama
Suspension of The people in the audience know that what they are	
Disbelief	seeing on stage or screen is a pretend reality, but they are
	pretending that they do not know that.

Music and Sound

Sound and music are extremely effective when conveying the **atmosphere** required for a specific **scene** or moment. **A sound designer**, working with the director, will:

- Identify moments where the sound can enhance the action on stage for an audience.
- Decide what sort of sound is required (music, sound effect or combination).

Music will often imply that the drama on stage is building to a **climax**, making the **audience** think that something is going to happen and putting them on edge.

Year 11

Subject: Drama

Topic: Production

Other factors that will affect your performance

To determine what factors will affect your performance, you should ask yourself the following questions:

- Where will the performance take place?
- Who will be your target audience?
- What style or genre will the performance be in?

Whether you specialise in acting, singing or dancing, creating a performance piece could potentially involve all three disciplines. As the director, you manage the creative process and final production. Your first big decision is deciding what type of performance you want to create. For example, it could be:

- a community play
- a street performance

- an open-air production a festival
- a performance in a small-scale theatre
- a concert.

stage roles

- Actor a person who acts on stage, or in TV or film. They work with the director and choreographer.
- Stand-up comedian a person who entertains a live audience using humour and comedy.



- **Circus artist** a person who entertains a live audience with circus skills and acts. They work with the director and choreographer.
- Session musician a singer or instrumentalist who performs in a live or

recorded session or gig. The performer is usually employed on a session-bysession basis. The ability to read music, improvise and perform by ear are essential for a session musician. Knowledge of a wide range of styles is also important. Most session musicians work as freelancers. Production companies or record labels may contact the session musician directly or use a contractor (fixer). There are usually agreed rates and terms and conditions for session musicians; most of the time, a session musician is paid a fee and the deal is done - no further payment is required. Unions will usually support musicians with their rights and payments if appropriate. They work with the musical director.

- Singer a person who sings to entertain a live audience individually or as part of an ensemble. They work with the director, choreographer and musical director.
- Dancer a person who performs routines to live audiences as part of entertainment shows, or TV or film productions. A dancer works with a choreographer or director to learn a repertoire and create choreography. In musical theatre, a dancer would also be required to act and sing.

Behind-the-scenes roles



 Director – a person who is responsible for the overall creative vision of a production. They have to lead a team through the creative process so that all elements of the show come together to produce the final outcome. A director works directly with the producers, creative team

Producer – a person who researches funding and investment to finance a **Producer** – a person who researches funding and performance of the show. They production. They also supervise the creative team and performers and manages. production. They also supervise the creative team and performers and manage the work directly with the director, creative teams

technical and stage management teams. Stage manager – a person who is responsible for the technical details of the

- Stage manager a person who is responsible for the stage during each performance. They production and is fully responsible for the stage during the lighting costs and the stage during assist the director during rehearsals and supervise the lighting, costume and set.
- Choreographer a choreographer creates dance routines for performances. They must follow the brief to create routines appropriate for the type of performance. A choreographer recruits and auditions dancers, teaches the set repertoire and develops movement material that forms part of the final performance. They work alongside costume, prop, lighting and set designers, and directly under the director and show producer.
- Set designer a person who designs, creates and builds the set for a show or
- scene.
- Theatre technician a person who works backstage and manages the stage crew. They prepare and maintain the set/stage by moving scenery and may be responsible for setting up or adjusting video, audio and lighting equipment. The theatre technician works with the stage crew, set designer, lighting designer and director.
- Sound designer a person who creates sound effects and atmosphere to fit the narrative of a film or live performance. A sound designer would work directly with the musical director, composers and live musicians.
- Lighting designer a person who designs the lighting plot for a film or live performance to help create a specific atmosphere to fit the narrative. The lighting designer works directly with the director, choreographer, set designer, costume designer and sound designer to ensure the safety of performers and that all elements are functioning as intended.
- Stage crew a group of people also known as stage hands who work behind the scenes during the show or a live performance to ensure that scene changes are carried out at the correct time.



Film Music

Area of study 3 - Eduqas GCSE Music

Some film SOUNDTRACKS include specially composed SCORES, either for orchestra (e.g. composers like John Williams, Ennio Morricone) or songs written especially for the film (e.g. Disney films). Other films use pre-existing music e.g. popular songs from the era/place in which the film is set.

STRINGS

- Violin
- Cello
- Viola
- Double bass
- Harp

BRASS

- Trumpet
- Trombone
- French horn
- Tuba

PERCUSSION

- Bass drum
- Snare drum
- Triangle
- Cymbal
- Drum kit (untuned)
- Timpani
- Glockenspiel
- Xylophone (tuned)

Musical elements

Film composers use the **MUSICAL ELEMENTS** (tempo, texture, dynamics, timbre, tonality, rhythm, melody, harmony) to create mood and atmosphere to help to tell the story and enhance the action.

For example:

In a sad, reflective scene, a composer might use slow tempo, minor tonality, soft dynamics, legato, homophonic texture, long sustained notes, and a conjunct melody.

An exciting car chase scene in a thriller might have a fast tempo, busy, polyphonic texture, dissonant chords, loud dynamics, syncopated rhythms, a disjunct melody and short riffs.

A scene where the **superhero 'saves the day'** might use a major tonality, brass fanfares, loud dynamics, accents, 4ths and 5ths (intervals).

Composers will often use CONTRASTS to create effect (e.g. using a wide range of pitch from very high to very low).

Intervals

Film composers often use intervals to create a particular effect (e.g. a rising perfect 4th sounds 'heroic', and a semitone can sound 'menacing').

An interval is the distance between two notes.



Rising interval: moving upwards (ascending) Falling interval: moving downwards (descending)

Specific instrumental terms

Pizzicato	Plucking the s
Divisi	Two parts sha
Double	Playing two st
stopping	
Arco	Using a bow t
Tremolo	A 'trembling' e
	between two
	forth).
Tongued	A technique to
	(woodwind/bi
Slurred	Notes are play
Muted	Using a mute
Drum roll	Notes/beats i
Glissando	A rapid glide o
Trill	Alternating ra
Vibrato	Making the no

Composers also use:

Theme	Ī
Motif	I
Leitmotif	I
Underscoring	
Scalic	
Triadic	
Fanfare	
Pedal note	
	ļ
Ostinato/riff	
Conjunct	
Disjunct	
Consonant harmony	
Dissonant harmony	
Chromatic harmony	Ī
Minimalism	

Flute Clarinet Oboe

WOODWIND

- Bassoon
- Saxophone

KEYBOARDS

- Piano
- Electronic keyboard
- Harpsichord
- Organ
- Synthesizer

OTHER

- Electric guitar
- Bass guitar
- Spanish/ classical guitar
- Traditional world instruments



strings.

- aring the same musical line.
- strings at the same time.

to play a stringed instrument.

- effect, moving rapidly on the same note or chords (e.g. using the bow rapidly back and
- to make the notes sound separated orass).
- yed smoothly.
- to change/dampen the sound (brass/strings).
- in rapid succession.
- over the notes.
- pidly between two notes.
- otes 'wobble' up and down for expression.

- The main tune/melody.
- A short musical idea (melodic or rhythmic).
- A recurring musical idea linked to a
- character/object or place (e.g. Darth Vader's motif in Star Wars).
- Music playing underneath the dialogue.
- Melody follows the notes of a scale.
- Melody moves around the notes of a triad.
- Short tune often played by brass instruments, to announce someone/something important: based on the pitches of a chord.
- A long, sustained note, usually in the bass/ lower notes.
- A short, repeated pattern.
- The melody moves by step.
- The melody moves with leaps/intervals.
- Sounds 'good' together.
- Sounds 'clashy'.
- Uses lots of semitones/accidentals that's not in the home key.
- A style of music using repetition of short phrases which change gradually over time.

	Assessment Taxonomy							
LIMITED	BASIC	EMERGING	COMPETENT	CONFIDENT &	EXCEPTIONAL			
		COMPETENT	&	ASSURED				
			CONSISTENT					
Unstructured	Deliberate	Reflective	Informed	Advanced	Accomplished			
Clumsy	Methodical	Predictable	Purposeful	Convincing	Inspired			
Disjointed	Superficial	Growing	Secure	Comprehensive	Intuitive			
Minimal	Unrefined	Control	Engaged	Focused	Insightful			
Elementary	Simplistic	Broadening	Skilful	Perceptive	Powerful			
	Tentative	Endeavour	Thoughtful	Refined	Extraordinary			
		Safe	Cohesive	Resolved	Unexpected			
				Risk-taking	Outstanding			
1-12 marks	16-24marks	28-36 marks	40-48 marks	52-60 marks	64-72 marks			



111112

Shanna van

GROSS



Week 3,4+5

Artist copies



Week 8+9

Use your own photos for lots of responses and composition ideas and then select the best to draw

Week 6+7 Artist responses



It will be very important
to keep up to date with
the schedule and meet
deadlines as once the
timed exam piece starts
you can no longer work

Your exam is worth 40% of your final mark and should be the best work you have done so far.

in your exam book.

TE	TECHNICAL VOCABULARY				
Response	A reaction (to the work of an artist)				
Develop	To evolve, grow and improve				
Experiment	To test (with different art media)				
Annotate	Explanatory notes				
Review	Evaluate				
Refine	Improve				
Primary source	Observed first hand				
Composition	How objects, shapes and patterns are arranged				
Analyse	To examine in detail				
Resource	An aid to help develop ideas				

Week	Exam Sketchpad layout
1	Title page+ Spider diagram
	Initial Research
2	Initial research
3,4+5	Artist copies
6+7	Artist responses
8	Primary sources + compositions
9	Compositions
10,11 + 12	Experiment
12+13	Final choices

Technical principles – Knowledge organiser

<u>What</u>	Definition	<u>What</u>	Definition
A static load	Does not move	<u>NET</u>	2D object which is cut scored and folded into a 3d. Cut lines shown as solid lines
A dynamic load	Moving	<u>Carbon footprint</u>	is the amount of carbon produced from its raw material being made to its product.
Tension	pulling force is applied to either end of a material Stretching	Ecological and social footprint	
Tensile	resist being pulled apart	Folding and bending	techniques can be used to improve the mechanical and physical properties of a material
Compression	occurs when a pushing force is applied to either end of a material	Laminating	bonding two or material to improve its strength, stability and flexibility.
Compression strength	the ability of a material to resist being compressed or squashed	Fabric interfacing	Used in textiles and garments to add support, strength and structure to areas that are needed. These are sewn in Collars in shirts - Peak in the baseball caps.
Torsion	when something is twisted two ends of the material rotate the opposite way.	Folding and bending	Materials manipulated through reshaping can gain many physical advantages
Torsional strength	is the ability of a material to resist being twisted	Curves, arches and tubes	can also be added to give more strength whilst using minimum material
Bending	occurs when both sides are under compression and tension.	Ecological and social footprint	This measures the impact of a persons life on the environment by quantifying the amount of Co2 that are being used.
Shear	occurs when a force applies on an object in a perpendicular to its length	<u>Safe working</u> <u>conditions</u>	In Britain we have employment protect laws that protect us workers. The law holds accountability to the company/ Boss!!! Heath and Safety Executive HSE
Strengthening and enhancing materials	To strengthen or enhance its strength you need to consider the forces that it will have upon it.	Ecological issues in the design and manufacturing	When products are made, natural resources are used, so designers and manufacturers have to make decisions which have a direct impact on the consumption of the earths resources
Webbing	Webbing is a strong fabric woven into strips from yarns, which are often made of synthetic fibres such as nylon or polyester, or even Kevlar Very light but strong and flexible	<u>Deforestation</u>	cutting down of trees
Stiffening Materials	Materials can be <i>laminated</i> to improve strength.	Mining	used to gather finite materials Surface and underground mining!
Interfacing	to stiffen a fabric	Drilling	getting oil and gas
Farming	A huge proportion of the earths crust is used as farmland. 11% - agriculture. 36% - growing crops		

Considerations for	Considerations for planning a menu					
Who • Who are your possible customers? • Specific age group/ children/ adults/ ethnic/ religious background, ethnicity Where • • What type of venue is it • Indoors or out	Is going to eat it Specific age group/ children/ adults/ ethnic/ religious background, ethnicity In the city- potentially a lot of business people In the country- families Outside space available					
WhatType of food will be eatenType of food service	Finger food, no need for cutlery Carvery, buffet- less staff Complex three courses requiring time and more crockery, skilled chef					
WhenTime of daySpecial occasionsLunchesTake away	Time of day- lunch has more time constraints Lighter foods served Dinner- more varied, several courses, more filling Special occasion- wedding, birthday, religious holiday					

	TECHNICAL VOCABUI
Carbon footprint	The amount o
	particular pro
Greenhouse gases	Gases that tra
	temperature
Reduction	A sauce is sim
	create a thick
Roux sauce	A mixture of f
	liguid become
Substitutions	Alternative in
	with special d
Blanch	Plunging fruit
	and then cold
Organoleptic	The qualities
	senses
Dovetailing	When your pl
	than one proc
Mis en plas	Preparation t
Gelation	Solidifying a n

Unit 2

AC2.1/ 2.2 LO2

Environmental issues to consider when proposing a menu (2.2)

Preparation and cooking methods

- Fill the oven up when cooking, so all the meal will cook together
- Use a tiered steamer so more than one vegetable can be cooked at once •
- Lids on saucepans, right size pan for the job, correct sized ring on hob

Ingredients used

Sustainable- ingredients farmed in a way which maintains the environment, Seasonal- They are cheaper and will be more local so reducing carbon footprint- Locally sourced Organic- No fertilizers or pesticides used so environment not contaminated with them Farm assured- Farms and food producers have a high standard of animal welfare

Reduced if food is bought locally from producers and bought in bulk Avoid using single serve sachets and individually packaged condiments Reuse containers where ever possible, leftovers to produce other meals Recycle – Use plastic containers for storage, and compost raw vegetable waste

Food waste

- Plan meals properly- reuse left overs to produce new dishes, daily specials •
- Good portion control-special portions for children •
- Storing food correctly at the correct temperature using the FIFO rule •
- Misunderstanding the use buy date

How dishes meet a customer's needs (Can be con

Reason for choice- Think about the customers in your brief, ho their needs. This dish will appeal to both adults and children b Menu needs to be balanced and offer a variety of cooking met Nutritional needs- Refer to the customer nutritional needs (1. nutrients are in the dishes chosen, give examples .e.g. pasta is energy, tomato sauce is rich in vitamin A, good for healthy eye Organoleptic- Sight, taste, texture, sound and aroma- Justify h What dishes would be served with them to compliment and co Adaptable- How the selected dished can be made vegetarian, suggesting alternative and substitute ingredients .e.g. Quorn in Preparation time- Can elements be made before hand to redu used in another dish?

Cost- The cost of each item to the customer should ensure the

- Software can do this very accurately.
- Prices should be competitive with similar establishmer
- Price should reflect value for money, consider seasona
- Cost needs to cover overheads such as gas, electric, ec

LARY
of greenhouse gases produced by a
oduct during production
rap heat and raise the earth's
mmered to drive off the water and
ker and richer sauce
fat and flour which when heated with
nes a thickening agent
ngredients or dishes to suit customers
dietary needs: Lactose free milk
it or veg into boiling water for 2 mins
d water.
which people experience with their
plan shows you are working on more
oduct at a time
time before cooking
mixture by chilling or freezing

mpleted as a table) (2.3)
ow do your chosen two dishes meet
because
thods, flavours, textures and colours
.2) and justify your choices. Which
a carbohydrate and good source of
esight.
now dishes meet these criteria
omplete the menu?
gluten free, lactose free, vegan,
n place of beef mince
uce waiting time? can left overs be
e restaurant makes a profit.
nts in the area
al price changes
quipment, wages, rent
· · _

Year 11 Child Development: Supporting Children to Play, Learn and Develop.

Physical needs t	hat may impact on play, learning and development.
What is a sensory impairment?	A sensory impairment would include a difficulty in seeing (visual impairment) or hearing (hearing impairment).
What are some possible impacts of visual impairments?	Motor skills can be affected; may not move towards things as they can't see them; won't be able to fully explore so won't develop concepts easily; may struggle to talk as can't copy lip movements of others; not able to make eye contact causes difficulties in social situations; can't see facial expressions clearly; maybe less independent.
What are some possible impacts of hearing impairment?	Discharge from the ears; posture issues; difficulties with reading and maths concepts; difficulty in speech as they cannot hear the sounds required to speak; restricted language can affect social development; can have low self- esteem.



	TECHNICAL VOCABULARY
Delayed gross motor	Large movements of the body are n
skills	children of the same age.
Delayed fine motor	Small movements of a child's hands
skills	quickly as other children of the sam
Poor concentration	Children find it difficult to focus on
levels	for a long time.
Down's syndrome	A biological disorder which occurs of
	cells are dividing, and an error occu
Embryo	Stage of pre-birth when the egg has
Delayed literacy skills	A child's reading and writing skills a
	milestones of their age and stage of
English as an additional	English is not a child's first language
language	child is exposed to from birth.
Positive role model	Someone who sets a good example
Social norms and values	Attitudes and behaviours that are c
Limited interaction	When a child has limited communic

	Social and emotional needs	that may impact on play,
	What impact can limited interaction with adults have?	Children may have a lack learn how to join in and p unacceptably to gain atte language skills.
-	What impact can having poor awareness of social norms and values have?	May display inappropriat social situations and publ concentrating or making have low self-esteem.
	Why do some children have difficulty forming bonds with adults?	Premature birth; Postnata parent/parents health an forming bonds with adult and development.
	What are the impacts on a child if they don't play?	Child will not know what it hard to control emotion cooperate; won't learn ho equipment; won't progre to adapt; can lead to anxi
	Why do some children have difficulties forming friendships?	May not have the skills – have formed bonds with and understand the need skills; English as an additio others; domineering; arg

Cognitive and intellectua	I needs that may impact on play, learning and development.
What are the possible impacts of poor concentration levels?	Can lead to disruptive behaviour; can talk a lot and interrupt others; can be restless or fidgety; won't persevere with learning skills; lose interest quickly; difficulties in paying attention, following instructions or completing activities.
Why do some children have difficulties remembering instructions?	Developmental disabilities (ADHD; autism; Down's syndrome); concussion or traumatic brain injury; medical conditions like epilepsy.
What are difficulties in problem-solving?	Some children find this difficult as they haven't reached their age milestones for cognitive development. Developmental conditions like Down's syndrome which can mean a lower cognitive ability. Other reasons could be trauma; birth injuries; mothers using drugs/alcohol during pregnancy.
What impact can delayed literacy skills have?	Children who are left-handed can struggle with writing- longer to form letters; learning difficulties; behavioural problems.

Communication and Langu	age needs that may impact on play, learning and development			
What are the benefits of	Cognitive skills are developed if using more than 1 language;			
children learning English as an	problem-solving and creativity skills; memory improves; can socilaise			
additional language?	with different people; closer bonds if have a shared language; links			
	between language and culture/religion = self-identity/self-esteem.			
What can be the negative	Children in a setting where they don't understand the language may			
impacts of learning English as an	be frightened, they may feel different to others = low self-esteem.			
additional language?	May take longer to settle in as they need time to learn the language;			
	may lose their 'home' language; may have gaps in language or			
	develop a speech delay.			
How do we recognise speech	A child may have a speech delay if at 3 years old they are hard to			
delay?	understand; don't ask for things by name; learn words but don't			
	remember them; know fewer words than you'd expect. Delayed			
	language can also come from medical issues; lack of stimulation or			
	no opportunities to interact and learn language.			

- not progressing as quickly as other
- Is and fingers are not progressing as ne age.
- what they are doing and/or focus
- during embryo development when urs causing development delays.
- is been fertilised.
- are not progressing to expected of development.
- e, the first language is the one a
- 2.
- considered 'normal' in society.
- ication and contact with adults.

, learning and development

- k of interest in things; may not play with others; behave ention and do not develop
- te and unwanted behviour in plic places; difficulties g friends; can be withdrawn and
- tal depression; a child's health or a nd abuse. If a child has difficulty Its this impacts on play, learning
- t they like or are interested in; find ons; unable to make friends or now to use resources and ess in development; won't be able kiety and depression.
- can't share or take turns; may not adults making it difficult to trust ds of others; delayed language tional language; not tolerant of gumentative.

Year 11 Child Development: Supporting Children to Play, Learn and Develop.



Social and Emotional needs	that may impact on play, learning and development: transitions
What can transitions bring to a child?	A new environment or a new relationship which can have different effects on different children.
How will children feel during transitions?	A range of feelings from excitement to stressed, anxious and nervous.
Why do children prefer things to stay the same?	Things being consistent helps children feel safe and secure- changes are unsettling.
How do children cope starting nursery/school?	Depending on age children may be nervous or excited; could suffer from separation anxiety; may cry; be clingy; ask lots of questions.
How do children cope with a new sibling?	This is a huge adjustment – many children are jealous or start to behave like a baby to gain attention (regression) may be aggressive and may try to hurt the baby or take their things.
How do family structures change?	Births; divorce; separation; death. Children may also move house or spend time at two different houses' Some children go into care and many children find adjusting to changes difficult.

Possible impact of not meeting expected milestones: -

- Unable to develop own ideas and make connections.
- May not develop language and social skills.
- Unable to understand concepts such as shape and colour.
- May not learn to control movements.
- Will not develop imagination and creativity.
- Poor concentration, perseverance and memory skills.

foshley nel su ie	}			
			Y	
450	-	1º		Ϊſ,
				N.
	The	-		

FriendshipsRelationships between friends.Disruptive behaviourUnwanted behaviour that disturbsTransitionsChanges in children's lives.Care or educationSettings that provide formal care/example.providersexample.SiblingBrother or sister.Significant familyA close family member – parent, sFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart		
Disruptive behaviourUnwanted behaviour that disturbsTransitionsChanges in children's lives.Care or educationSettings that provide formal care/providersexample.SiblingBrother or sister.Significant familyA close family member – parent, sFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart		TECHNICAL VOCABULARY
TransitionsChanges in children's lives.Care or education providersSettings that provide formal care/ example.SiblingBrother or sister.Significant family memberA close family member – parent, sFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Friendships	Relationships between friends.
Care or education providersSettings that provide formal care/ example.SiblingBrother or sister.Significant family memberA close family member – parent, s memberFamily structureThe way in which a family is organ Development that is expected at a Initiate playInitiate playTo start play.Sustain involvementBeing involved for an extended pe Interpreting something in a particular Isolate	Disruptive behaviour	Unwanted behaviour that disturbs
providersexample.SiblingBrother or sister.Significant family memberA close family member – parent, sFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Transitions	Changes in children's lives.
SiblingBrother or sister.Significant family memberA close family member – parent, sFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particulateIsolateCause a person to be alone/apart	Care or education	Settings that provide formal care/e
Significant family memberA close family member – parent, s memberFamily structureThe way in which a family is organ Development that is expected at a Initiate playInitiate playTo start play.Sustain involvementBeing involved for an extended pe Interpreting something in a particular Isolate	providers	example.
memberFamily structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Sibling	Brother or sister.
Family structureThe way in which a family is organExpected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Significant family	A close family member – parent, sit
Expected milestonesDevelopment that is expected at aInitiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	member	
Initiate playTo start play.Sustain involvementBeing involved for an extended pePerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Family structure	The way in which a family is organis
Sustain involvementBeing involved for an extended perPerceivedInterpreting something in a particularIsolateCause a person to be alone/apart	Expected milestones	Development that is expected at a
Perceived Interpreting something in a particular Isolate Cause a person to be alone/apart	Initiate play	To start play.
Isolate Cause a person to be alone/apart	Sustain involvement	Being involved for an extended per
	Perceived	Interpreting something in a particu
Emotional resilience A person's ability to adapt to stres	Isolate	Cause a person to be alone/apart fr
	Emotional resilience	A person's ability to adapt to stress

Possible impact of individual needs on physical learning and development: -

- Unable to access learning activities at varying levels.
- May not develop stamina.
- May not develop friendships.
- Unable to grasp small objects or manipulate materials.
- May tire easily and not be able to sustain involvement in activities.
- May be unable to navigate play areas and activities.

Possible impact of individual needs on cognitive development: -

- May not understand rules.
- Poor awareness of social norms.
- May not be able to sustain attention.
- May have difficulties taking turns; listening to others; sharing or being respectful.

Possible impact of individual needs on communication and language development: -

- Difficulties with speaking and listening.
- May not be able to make sense of information.
- Play with others may be limited.
- May lack confidence.

- May not be able to build friendships.

Possible impact of individual needs on social and emotional development: -

- May find cooperative play difficult.
- May have poor emotional resilience.
- May isolate themselves or be isolated by others.
- May refuse or find it difficult to join in team or group activities.
- May have limited expression of thoughts and feelings.
- May find building positive relationships difficult.
- May find it difficult to cope with change.
- May have low self-esteem.

Y s and interrupts activities. education for children – school for ibling or grandparent. ised. a particular age. eriod without interruption. ular way. from others. ssful situations.

development: s.
t in activities.
nt: sharing or being respectful.
anguage development: development: activities.

Key studies			Pove	erty			Power and
Davis and Moore (functionalist)			Definitions	of novorth		Formal po	ower – power from t
Society needs to place people into roles / social positions that need to be filled for society to operate smoothly. Some roles come with higher status (doctors, lawyers). People who fill the top roles are the most able, have the most drive/ambition and are the most competitive. Marx (Marxist)	surv Politicians pre are in poverty	ive e.g. f fer it (lo) and is a	ord things you need to food/shelter oks like less people a fixed definition, does	Relative Not being able to affore standard of living in socie Sociologists prefer it (more takes into account different	ety e.g. internet accurate) and ces in standards	Forms of power / authority	 power from respect Traditional – inhere based on establish Charismatic – shore persuasive/inspirat Rational legal – shore through laws, rule
Class is an important division, the bourgeoisie have	not change be	tween c	ountries	of living between countries		Who	The ruling class ha
power/control over the proletariat who are exploited for profit. The working class and petty bourgeoisie didn't benefit from the growth of capitalism. Small	Reasons	Beerl	Reasons / explan	ations of poverty disability, unemployment, lac	ak of advantion	has power?	class (Marxist view Men have power employment, the
business couldn't compete and had 'downward social mobility'. The working class are not aware of their exploitation. Devine Conducted interviews at a car factory in the 1980s. She found evidence of the working class still being separate and still had working class values. This goes	The poor are responsible	Cultur as nor depriv Cultur motiv	re of poverty – Socialised rmal, unlikely to try and g vation – poverty being pa ral deprivation – May no ated to get out of pover	within a subculture to accept themselves out of it. Lead set from one generation to have the correct norms and y, may seek immediate grati	ot poverty, see it ds to a cycle of o the next. I values to be		the government) Heterosexuals – L in politics/police e White individuals represented in po Older people – yo from politics (vote
against the idea of embourgeoisement. Townsend		Welfa		aving) nerous welfare benefits coul nan you would receive. Can le			Power of t
Conducted surveys on 2000 households about poverty, used relative poverty index and found the government underestimated poverty (6% vs. 22%). Concluded that poverty should be measured using a number of factors. Murray (New Right)	Society is responsible	pover Class I workin and ze Globa	ty trap. I nequality – Marxists arg ng class are not given op ero hour contracts, low s lisation – Has led to a hig	ue capitalism is responsible f portunities to get out of pove ocial mobility) ther cost of living and low mi	or poverty as the erty (low wages nimum wages,	system (N Other sys	ystem in the UK – de APs elected based on tems – dictatorships nal representation Yes – pluralist view protests etc.
There is a growing underclass in British society caused		with le	ess manufacturing jobs a	s these have moved abroad.		influence the	No – conflict appro businesses rather
by overgenerous welfare benefits. Can be seen in three ways – welfare dependency, juvenile			Are poverty stat	istics accurate?		state?	Dusinesses ratifer
delinquency, loss of traditional values. Weber	Yes Functionalists official statistic		Marxists – statistics ur believe society is fair a	No derestimate poverty so the nd do not revolt	working class		The und
Believed class is important but is not just tied to income/wealth, status and power can affect someone's position in society too. He thought capitalism actually expanded the middle class and a revolution by the working class is possible.	accurate		wages, less opportuni	nderestimate female povert iles etc. ents underestimate poverty a		Murray – Britain, ca	Yes underclass is in an be seen in
Distinguished between three types of power in society – charismatic, traditional and rational legal.		Y	Is poverty still an	issue in society?			ependency, delinquency and a lues
Walby (Feminist) Men have more power in society due to patriarchy. This is shown in 6 ways – paidworl/employment, labour in the home, patriarchal culture, sexuality, male violence and the state. Public patriarchy is now more likely to exist than private patriarchy.	(1/5 people) Marxists – mir contracts still	are incre nimum w cause po	easing for all age groups vages and zero hour	Functionalists – governme aimed to reduce poverty Less people are in absolut		Members underclas for the Lo There are	s of the ss were blamed ondon riots e more lone- milies in the

d authority

- the title/role someone has ect/appreciation earnt nerited (e.g. monarchy),
- lished customs/traditions
- nown by a leader with
- pirational gualities
- shown by organisations les and regulations
- have power over the working
- iew) er over women (in
- home, society, violence,
- t) (feminist view)
- LGBT may have less power eetc.
- Is BAME groups underpolitics
- younger may be excluded ote at 18)

the state

- democracy, first past the post on votes in constituency) ps (one person in power),
- ew, pressure groups, petitions,
- proach, Marxists, power of er than the public

derclass

rclass still exist?

No
Murray blames the victims
for being welfare
dependent but could be
due to divorce etc.
Marxists – the underclass
are scapegoated to blame
for society's problems
Many people who are on
benefits still aspire to have
paid employment/better
themselves

Half-Term 3 January-February

Subject Sociology

Key terms

Absolute poverty - Not being able to afford the basic things you need to survive in life e.g. food, clothing, Achieved status - Social positions are earned through personal talent, merit and effort, not fixed at birth Ascribed status - Social positions/status are fixed at birth (due to class) and do not change over time Bourgeoisie - The ruling class who owned the means of production and exploited the working class Culture of dependency – The welfare system encourages people to stay on benefits rather than support themselves through work Glass ceiling - An invisible barrier in employment that prevents some groups such as women or ethnic minorities from gaining promotions Life chances - The opportunity/chance of achieving positive or negative outcomes (e.g. healthy/ill, rich/poor) as you progress throughout life Power - The ability to get what you want, despite opposition Pressure group - A group formed to influence government policy on a particular issue Relative poverty - Not being able to afford to meet the general standard of living compared to most other people in their society Social exclusion - The inability of some groups in society (e.g. the elderly, the working class) to play a full part in society/access the full benefits Social inequality - The uneven distribution of resources (e.g. money or power) and opportunities Social mobility - The ability to move up the social ladder Social stratification - How society is structured in a hierarchy of layers based on factors such as age, gender Status - The social standing or prestige someone is given by other members of society. Underclass - A group in society who have different attitudes and values to others. They experience longterm unemployment, tend to be reliant on benefits Wealth - The ownership of assets (e.g. property, land, jewelry) and savings, shares etc. Welfare dependency - When individuals are reliant on the government for income for a prolonged period of time

	thr	Ader & Poverty: Women have longer life expectancy so more fem pensioners living alone. Women more likely to head lone-parent families. Usually have a low income. Gender pay gap Women are more likely to be in part-time income men. bicity & Poverty: Lower income families Generally disadvantaged in employment, pay ar quality of job. Id Poverty: More likely to live in poverty if: Household has four or more children.	than nd	Subject Sociology
		Where the head of the house is a lone parent or f an ethnic minority With no paid workers.	rom	-
Emotionalists	LUTCHORIGIES	Focus on the positive functions of poverty for some groups e.g. knowing you could live in poverty means people will undertake undesirable jobs, creates jobs for groups who deal with the poor. The poor also reinforce mainstream norms and provide examples of deviance such as lazy and dishonest.	Power Government and politics serves a purpose to regulate main stream norm and values.	
	MULAISIS	Poverty is the result from class-based inequalities. It is inevitable that some people will be poor in a capitalist society. Poverty serves the interests of the bourgeoise who can hire and fire people e.g. if they demanded higher wages, the bourgeoise could threaten to higher from the unemployed.	Weber- power is based on coercion or authority. The main sources of authority are traditional, rational legal and charismatic authority. Marxists argue the bourgeoise use their power to exploit the proletariat. They have economic and political power.	
E aminiete		Women face the greatest risk of poverty than men, lone-mothers and the older women living alone in particular. The gender pay gap and the inequality of the division of caring responsibilities contribute to this.	struc dom	archy- the system of our social tures and practices are male inated and they use this power to ress and exploit women.
	INEW NIGIII	Focus on individuals behaviour rather than structural causes of poverty. Stress the importance of traditional values and self-reliance. Welfare dependency and the underclass are key ideas in this approach.	peop shou	government does not meet it's oles needs, and they believe their Id be minimal government vention from the welfare state.

Social Stratification

r
Sex & Gender
Sex: Male or female (biology)
Gender: masculine or feminine.
Gender & power:
Feminists see gender inequality as
the most important source of
division in society. Society is mainly
controlled by men who have
considerable power within politics
and the workplace.
The crisis of masculinity:
Men are currently experiencing this
because of the underachievement
of boys in school, the decline of
paid work in manufacturing,
women's increased participation in
paid employment.
Inequalities:
 Gender dominated
occupations e.g. fire-fighting,
nursery worker.
 Glass ceiling for women-
invisible barriers for promotion
Gender pay gap.
 Women's triple shift.
Childcare provision- barrier
preventing women from
returning to work.
Ethnicity
A social group that share an
identity based on their cultural
traditions, religion or language
Ethnicity & Power:
Under-represented in political
power/decision makers. Also
under-represented in teaching,
armed forces, police officers,
particularly at high levels of the
organisation. Although 40% of
highest positions in the NHS are from ethnic minority groups
Inequalities:

- Unemployment
- Discrimination in the labour market
- Minority groups have become an underclass (see Charles Murray)
- Racism is built into the workings of capitalism.

Subject **RE**

Evidence to support a belief in life after death		
	Why might this support a belief in life after death?	
Near Death Experiences	These are first hand accounts from those who have been near to death, providing information about what happens after life earth ends. Accounts often share similarities i.e. bright lights or seeing loved ones.	
Past Life Memories	People have provided details of a previous life which when researched have been proven to be accurate, with other possible way to know this information.	
Ghost Sightings	Ghosts are believed to be the spirits of the dead which appear in visible from to the living. A reliable witness may claim to have seen someone who is known to have died. Some believe these have unfinished business on earth which prevents them passing over completely.	
Receiving a message from medium	People have received messages from mediums containing information that links directly to deceased loved one. Often there is no other way could have gathered that information.	

Beliefs about heaven

- 1. Heaven is a spiritual existence of peace and happiness in the eternal presence of God.
- 2. It is often depicted as above the earth, a place where good people go after death for eternity.
- 3. Heaven is only for Christians as you have to believe in God to guarantee a place in heaven.
- You have to believe in Jesus and live a good life to Δ go to heaven.
- Believers in God, not just Christians, will go to 5. heaven.
- It is a place of reward for both faith and good 6. actions in life.

Beliefs about hell

- 1. Some Christians understand it to be a state of existence without God.
- 2. Traditional paintings depict it as a fiery place of eternal torment, suffering, torture and terror ruled by the Devil (Satan). It is usually depicted as below the earth.
- 3. Hell is the place where those who don't believe in God or Jesus go for eternity after death.
- If you live an immoral life then you will go to hell.
- Hell is an eternal state cut off from God. Any 5. person not acknowledging God or follow God's teachings in their lifetime would face that eternity.





	SUBJECT TERMINOL
Afterlife	The belief in continued existence in some form after
	an individual survives after death—usually, the individual
	world's religions.
Eternity	Endless life after death.
Funeral	A ceremony or service held shortly after a person's or cremation.
Heaven	a place regarded in various religions as the place wh death.
Hell	a place regarded in various religions as a spiritual re as a place of perpetual fire beneath the earth where
Judgement	The belief that a person will be judged by God to de
Medium	A person who claims to be able to communicate wit
Nibbana	A Buddhist word meaning 'quenching' of the activiti
Near death experience	An occurrence in which a person comes very close to experience (such as meeting dead friends and family
Paranormal activity	Events or phenomena such as telekinesis or clairvoy understanding.
Rebirth	The process of being reincarnated or born again.
Reincarnation	The belief that an individual does not live just one lit other
Revelation	The divine or supernatural disclosure to humans of s
Spiritualism	A system of belief or religious practice based on sup especially through mediums.

Tibetan Wheel of Life

- 2. death and rebirth.
- 3. dependent origination.
- death is not the end and is not to be feared.
- 5. called samsara.
- 6. and the realm of human beings.

Topic Life after death

LOGY

er physiological death. The belief that some aspect of ividual's soul—is common to the great majority of the

death, usually including the person's burial or

here God and the angels reside, and of the good after

ealm of evil and suffering, often traditionally depicted e the wicked are punished after death.

ecide their destiny in the afterlife.

ith dead people in the spirit world.

ties of the world and its suffering.

to dying and has memories of a spiritual

ly members or seeing a white light) during the time

yance that are beyond the scope of normal scientific

ife, but that they live multiple lives, one after the

something relating to human existence.

pposed communication with the spirits of the dead,

To Buddhists, existence is a cycle of life, death, rebirth and suffering that they seek to escape altogether, and the Tibetan Wheel of ife shows this.

The Tibetan Wheel of Life illustrates the process of dependent arising (the idea that all things change and all things are interconnected) in relation to human life,

The Wheel is divided into five or six realms, or states, into which a soul can be reborn. It is held by a demon. Around the rim are depicted the twelve stages of

The frightening figure holding the wheel is Yama, the Lord of Death or Monster of Impermanence. He has three eyes and wears a crown of skulls. Yama symbolises the impermanence of everything. The beings he holds are trapped in eternal suffering by their ignorance of the nature of the universe. Buddhism teaches that

The outer circle is 12 links or stages of a human's life (nidanas); the 12th link (old age and death) leads to the first link (ignorance). This shows the Buddhist teaching of rebirth; the wheel shows the cycle of birth, death, then rebirth this cycle is

Depicted in the spokes of the wheel are the six (originally, five) realms of rebirth (gatis): the god realm, the realm of the asuras (originally included in the god realm), the realm of the hungry ghosts (*pretas*), the hell realm, the animal realm,

Y10 Subject Christian Practices 1

Worship		
What is Liturgical worship?	More likely to be seen in Roman Catholic and Anglican services. There is a liturgy (a set order) of things including set prayers and readings from the Bible.	
What is non-Liturgical worship?	This is usually in non-conformist churches and tends to be Bible based. There is a pattern, but the service leader has free choice, the prayers are usually in the person's own words and style - extemporary prayer.	
What is charismatic worship?	This contains elements of the other forms of worship but is free flowing. It focuses on the gifts of the Holy Spirit including speaking in tongues and the worship is often lively.	
What is Quaker worship?	There is no leader or structure; people sit in a circle around a table on which there is the Bible and Quaker writings. If someone wants to speak they can, otherwise people sit in silence.	
What is private worship?	It can be liturgical – an Anglican saying Morning Prayer or a Roman Catholic the Rosary. It can be non-liturgical – meditating on a Bible passage.	
Why is worship important?	It brings a sense of togetherness as a community; makes people feel close to God; it is an external expression of faith and it is peaceful allowing time for prayer and meditation.	
What is prayer?	Prayer is talking to and listening to God and the guidance of the Holy Spirit, it should be humble and persistent. You can pray for yourself; others; thank God; confess and praise.	

Christian Festivals		
What are the two most important festivals?	Christmas and Easter.	
When and why do we celebrate Christmas?	We celebrate Christmas on the 25 th December and we remember the events around Jesus' birth.	
Where do we find information about Christmas?	The main accounts are in the Gospels of Matthew and Luke.	
How is Christmas celebrated?	The most important parts are Christmas Eve and the Midnight Mass – the service starts in darkness and when the Gospel is read the lights come on (Jesus = the light of the world). There are carols, Christingles services and the giving of gifts (Jesus = God's gift to the world).	
Why is Christmas important?	Christians thank God for the Incarnation, presents represent love shared, it's a time to remember families in difficult circumstances.	
When and why do we celebrate Easter?	Easter follows Holy Week remembering the passion and death of Jesus. It remembers his arrival, teaching, betrayal, the Last Supper, arrest, crucifixion and resurrection. It is celebrated in April.	
How is Easter celebrated?	Giving out of Palm Crosses; the Monarch gives out maundy money to represent the money paid to Judas; on Good Friday all colour is removed from churches and there are procession. On Easter Sunday there are vigils and Christians may be baptised.	

TECHNICAL VOCABULARY		
Worship	Acts of religious praise, honour or devotion.	
Liturgical worship	A church service that follows a set structure or ritual.	
Non-liturgical worship	A service that does not follow a set text or ritual.	
Informal worship A type of non-liturgical worship, sometimes 'spontaneous' or 'charismatic' in nature.		
Private worship	When a believer praises or honours God on his or her own.	
Nonconformist	An English Protestant who does not conform to the doctrines or practices of the established Church of England.	
Sacraments	Rites and rituals through which the believer receives a special gift of grace; for Catholics, Anglicans and many Protestants, sacraments are 'outward signs' of 'inward grace.'	
Holy Communion	A service of thanksgiving in which the death and resurrection are celebrated using bread and wine – Eucharist, Mass, Lord's Supper, Breaking of Bread, Divine Liturgy.	
agape	A word used in the Bible that describes selfless, sacrificial, unconditional love.	
Mission	The vocation or calling of a religious organisation or individual to go out into the world and spread their faith.	



Eucharist			
What is the Last Supper?	This was the meal that Jesus had v Jesus gave new meaning to breaki The bread became his body and th		
Do all Christians celebrate the Eucharist?	All Christians apart from Quakers		
What are the main parts of the service?	The blessing of the bread and win words from the Last Supper; The I people (congregation).		
How is the Eucharist understood?	Roman Catholics – the bread and blood of Jesus (transubstantiatior remembrance.		
What are the variations of the Eucharist?	The Orthodox Church calls it the D are consecrated behind the iconos Doors. This emphasises the myste Roman Catholics believe the bread and blood.		
What is the significance of the Eucharist for Christians?	All denominations who practise it do it every week or every month s Orthodox Christians don't describ a mystery.		

with his disciples celebrating Passover. king the bread and drinking the wine. the wine his blood.

and members of the Salvation Army.

ne (consecration); Repeating Jesus' bread and wine are shared with the

d wine <u>actually</u> become the body and on); Many Protestants see it as an act of

Divine Liturgy and the bread and wine ostasis and brought through the Royal tery of what is happening.

ad and wine actually become the body

it see it as important, either enough to n so it doesn't lose its significance. ibe what is happening spiritually as it is

Topic Formula		
Revenue Number of Sales x Price		
Total costs	Total Fixed Costs + Total Variable Costs	
Gross Profit	Sales revenue – Cost of sales	
Net profit	Gross profit – Other expenses	
Interest	<u>Total repayment – borrowed amount</u> x100 Borrowed amount	
Break-even Point in units	<u>Fixed Costs</u> (Sales price – variable cost)	



Cash flow forecast



Threshold Concept Link(s) Business Marketing and Enterprise

	TECHNICAL V
Medium	How an enterprise chooses
Promotional mix	The range of techniques us customers. Advertising, pub promotions.
Push Strategies	Push goods and services dir them aware of the brand.
Budget	Is the amount of money de
Assets	Items an enterprise owns. I
Capital	Is the money, buildings and
Start-up costs	The amount of money spen
Running costs	Are the fixed and variable c
Cost of sales	Is the cost of producing the
Retained profit	Is profit earned and accumi enterprise.
Net current assets	Are the difference between value of the enterprise.
Liquidity	The ability of an enterprise
Trade Credit	Allows a customer to 'buy' time. The money is paid ba

OCABULARY

s to communicate with and advertise to its market

sed to communicate with current and potential Iblic relations, direct marketing, personal selling and sales

irectly to the customer at the point of purchase. Making

esignated for a specific activity or period of time.

Includes property, machinery and cash.

d equipment that an enterprise uses in order to trade.

nt setting up a business before it starts trading.

costs that have to be paid to keep the business trading.

e product.

nulated from previous trading reinvested back into the

en current assets and current liabilities. They show the

e to pay its debts

things from a business without paying for them at the ack later in instalments.



Threshold Concept Link(s):

Exam – Topic Area 1 – Issues affecting Participation in Sport		
Participation Taking part and being involved in a sporting activity.		
Barriers	Factors that may make participation particularly difficult.	
User Groups	A specific group of people with similar characteristics.	
Stereotyping	A widely held but simple and sometimes unjust viewpoint or idea about a particular type of person.	

Exam – Topic Area 3 – Host
Regular Sporting Events
One-off Sporting Events
Regular and recurring sports events
Venue
Sponsorship

Exam – Topic Area 2 – Role of Sport in Promoting Values			
Team Spirit	The feeling of pride and loyalty that exists among the members of a team, that makes them want their team to	Exam - T NGB	opic Area
	do well or to be the best.	NGD	INALIONA
Fair Play	Appropriate, polite behaviour, which involves respecting fellow competitors, adhering to the rules and does not involve illegally doping.	Sports Councils	There a Sport S Ireland
National Pride	A sense of pride in the name, culture and practices of a country.	LTA	Lawn T
		RFU	Rugby I
Tolerance and Respect	Willingness to accept others' differences, such as ethnicity and culture.	L	I

ing a Major Sporting Event

Happen often at set intervals

Held once in a certain place or at a certain time.

Happen often at set intervals and are periodically held or hosted at the same venue.

Where something is held.

The act of supporting an event, activity, or person through the provision of finance, products, or merchandise.

4 – National Governing Bodies

nal Giverning Bodies

e are five sports councils: Sport England, Scotland, Sport Wales, Sport Northern Id, and UK Sport. Tennis Association

Football Union