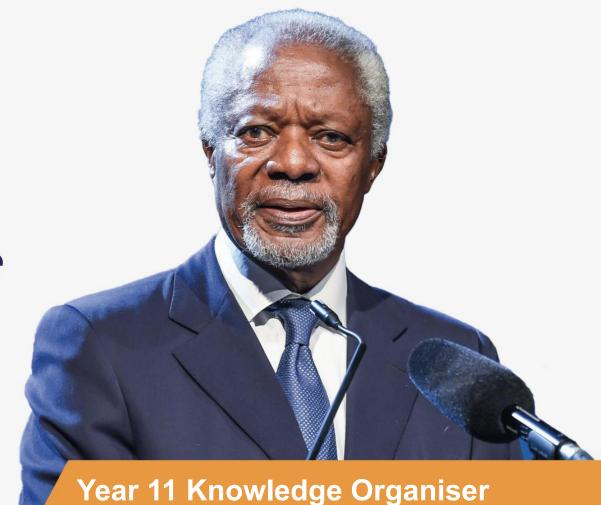


"Knowledge is power.
Information is liberating.
Education is the premise
of progress, in every
society, in every family"

- Kofi Annan



Learning Programme 2

Pupil Name:

Form Group:

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Instructions

Every school day you should be studying at least 1 section of your Knowledge Organiser (KO) for homework.

The timetable on the page 5 tells you which subjects you should be studying on which days (it doesn't matter if you have that subject on that day or not, you should follow the timetable).

You are to use your exercise book to show the work you have done. Each evening you should start a new page and put the date clearly at the top.

You need to bring your KO and exercise book with you EVERYDAY to the academy.

Your parents should tick off your homework every evening using the grid in your KO on page 4.

Your KO and exercise book will be checked regularly in form time, failure to show homework for ALL FIVE days of the week will result in an after school detention that day.

You will also be tested in your lessons on knowledge from the organisers.

Self-testing

You can use your KOs and book in a number of different ways but you should not just copy from the Knowledge Organiser into your book. Use the 'How to self-test with the Knowledge Organiser' booklet to help you.

Below are some possible tasks you could do in your workbooks, no matter which task you do you should always check and correct your work in a different coloured pen.

- · Ask someone to write questions for you
- Write your own challenging questions and then leave it overnight to answer them the next day
- Create mind maps
- Create flashcards
- Put the key words into new sentences
- Look, cover, write and check
- Mnemonics
- Draw a comic strip of a timeline
- Use the 'clock' template to divide the information into smaller sections. Then test yourself on different sections
- Give yourself spelling tests
- Definition tests
- Draw diagrams of processes
- Draw images and annotate/label them with extra information
- Create fact files

How do I self quiz?

How to use...Flashcards

- On one side of the flash card, write the word or 1. question.
- On the other side, write the definition for the word, or answer to the question.
- Once you have completed your set of cards, put them in a pile. Then for each card, see if you can remember the definition or answer to the question. Tick or cross when you get it right or wrong.
- When you get the card right, place it in the 'correct' pile. When you get it wrong, place it in the 'wrong' pile. Repeat until all cards are in the 'correct' pile.

You can also use the Leitner Method: https:// www.youtube.com/watch?v=C20EvKtdJwQ

How to use... Explaining a process/idea further

Your teacher might ask you to explain a key idea, process or event from your learning. This could be the might ask you to summarise it into its key parts. E.g. water cycle (Geography), photosynthesis (Science) or something else. In your answer, try to use the words because, but, and so. These will help you to:

- Because: helps to explain a reason, cause or why something works.
- But: helps to explain a limitation or problem. 2.
- So: helps to explain what happens next in a sequence, process or event.

Check your sentences to see if your explanations or right or wrong. Correct any errors.

How to use... Look, Cover, Write, Check and Correct

- Write your key words into the 'Look, Cover' column and then cover it.
- 2. Write out the meaning, definition or spelling in the 'Write' column.
- Put a 'tick' or 'cross' in the 'Check' column depending on if you got the answer right.
- If you got the answer incorrect, write the correct answer in the 'Correct' column.

Look , Cover	Write	Check	Correct
Noun	A person, place or	>	
Algorithm	Algorithim	X	Algorithm

How to... Summarise a process/idea

Rather than expand or explain a process, your teacher summarising the plot 'A Midsummer Night's Dream' in English.

- Read through the relevant part of your knowledge organiser as directed by your teacher.
- Write out the (up to) 5 most important parts in your KO book, leaving a two lines in-between.
- 3. For each part, add one main idea.
- E.g. here, the 4 key characters are picked out, and the direction of love is shown through the arrows. Check and correct any errors.

How to use... Mind Maps

- Write out your topic or idea in the centre. E.g. The First World War.
- Off of the main bubble, write out important categories to organise your ideas. E.g. causes of WWI and events in WWI
- Then add your knowledge off of these branches. You might even be able to make connections between them.
- 4. Once made, then redraw as many of the connections as possible from memory. Correct any errors.



How to use... Subject Specific Tasks or Questions

Your teacher might choose to set a task that is not outlined here, and which is specific to that topic or their subject.

In this case, your teacher will outline specifically what it is you need to do, and how. This will still include you checking and correcting any errors.

Act 1: Hermia and Lysander love each other but are not allowed to marry so decide to run away to the forest to get married in secret. Demetrius wants to marry Hermia Helena loves Demetrius. They follow Hermia and Lysander into the forest.



Homework diary

Week	Date	Subject	Task
LP2.1	Monday 21st October	Maths	Create a mind map of percentages calculations (non-calculator) including percentage
			of an amount, percentage increase and decrease and percentage change.
	Tuesday 22 nd October	English	Plan a narrative entitled 'a memorable day'.
	Wednesday 23 rd October	Science	Sketch a velocity time graph for a car which accelerates, moves at a constant speed
			and finally decelerates to a stop. Label each phase of the motion.
	Thursday 24 th October	Option W	Complete homework task 1 from the option block homework tasks
	Friday 25 th October	Option X	Complete homework task 1 from the option block homework tasks

Week	Date	Subject	Task
LP2.2	Monday 4 th November	Option Y	Complete homework task 1 from the option block homework tasks
	Tuesday 5 th November	Option Z	Complete homework task 1 from the option block homework tasks
	Wednesday 6 th November	Maths	Make a revision card to show the difference between simple interest and compound
			interest.
	Thursday 7 th November	English	Plan a narrative entitled 'the day that changed everything'.
	Friday 8 th November	Science	Draw three free body diagrams for the three stages of acceleration during a sky dive.
			Explain how terminal velocity is an object in equilibrium.

Week	Date	Subject	Task
Review	Monday 11 th November	ALL	This week is an opportunity to work on knowledge that has been identified during
learning week	Tuesday 12 th November		lessons as key areas for development.
	Wednesday 13 th November		This could be additional revision and recall tasks from the knowledge organisers or it
	Thursday 14 th November		could be specific tasks set by classroom teacher.
	Friday 15 th November		

Week	Date	Subject	Task
LP2.3	Monday 18 th November	Option W	Complete homework task 2 from the option block homework tasks
	Tuesday 19 th November	Option X	Complete homework task 2 from the option block homework tasks
	Wednesday 20 th November	Option Y	Complete homework task 2 from the option block homework tasks
	Thursday 21st November	Option Z	Complete homework task 2 from the option block homework tasks
	Friday 22 nd November	Maths	Create a mind map of percentages calculations (calculator) including percentage of an
			amount, percentage increase and decrease and percentage change.

Week	Date	Subject	Task
LP2.4	Monday 25 th November	English	Bullet Point the points you would make in a speech to fellow Yr11s about the importance of revision.
	Tuesday 26 th November	Science	Write out the equation for Kinetic Energy. Calculate the Kinetic Energy of an object which has a mass of 300kg and is travelling at 5 m/s.
	Wednesday 27 th November	Option W	Complete homework task 3 from the option block homework tasks
	Thursday 28 th November	Option X	Complete homework task 3 from the option block homework tasks
	Friday 29 th November	Option Y	Complete homework task 3 from the option block homework tasks

Week	Date	Subject	Task
LP2.5	Monday 2 nd December	Option Z	Complete homework task 3 from the option block homework tasks
	Tuesday 3 rd December	Maths	Create a set of instructions on how to convert between ordinary form and standard
			form.
	Wednesday 4 th December	English	Write a diary extract - for any day of your life so far!
	Thursday 5 th December	Science	Find the relationship which links Voltage, Current and Resistance. Write out the three
			ways the equation can be re-arranged. Calculate the resistance of a Filament Lamp
			with a Voltage of 230V and a current of 15amps travelling through it.
	Friday 6 th December	Option W	Complete homework task 4 from the option block homework tasks

Week	Date	Subject	Task
LP2.6	Monday 9 th December	Option X	Complete homework task 4 from the option block homework tasks
	Tuesday 10 th December	Option Y	Complete homework task 4 from the option block homework tasks
	Wednesday 11 th December	Option Z	Complete homework task 4 from the option block homework tasks
	Thursday 12 th December	Maths	Make a revision card about standard form calculations.
	Friday 13 th December	English	Write an article, entitled 'why do we have to have'

Week	Date	Subject	Task
LP2.7	Monday 16 th December	Science	Draw a series and a parallel circuit with 2 bulbs and a switch in. Explain how the properties of current and voltage vary in series and parallel circuits.
	Tuesday 17 th December	Option W	Complete homework task 5 from the option block homework tasks
	Wednesday 18 th December	Option X	Complete homework task 5 from the option block homework tasks
	Thursday 19 th December	Option Y	Complete homework task 5 from the option block homework tasks
	Friday 20 th December	Option Z	Complete homework task 5 from the option block homework tasks

Option Block Homework Tasks

Subject	Homework			
	Sketch out one of Norman Fosters buildings.			
	Write up your latest build – how have the craftspeople influenced your design .			
3D Design	Describe the work of Isabel and Alfredo Aquilizan.			
	Explain how you have used card connection techniques to develop your final piece .			
	Describe how your final piece meets the brief 'Places and Spaces'			
	Define what a natural form is and make a list of 10 natural forms you could draw in your project.			
	Draw a 3x3 box. In each box, develop a 'natural; texture, using your pen or a pencil.			
Art	List 5 key points about your studied artists work. Add these into your sketchbook creatively.			
	Define the key elements, LINE, COLOUR, TEXTURE			
	Write a paragraph about hoe you have used the formal elements in your work so far. Include this into your sketchbook creatively.			
	Look at the key vocabulary on page one and learn their spelling and definition. Then use look, cover, write, check to test yourself.			
	Look at the key vocabulary on page two and learn their spelling and definition. Then use look, cover, write, check to test yourself.			
Business	Create flashcards on 5 key terms and definitions you are struggling to remember.			
Dusiliess	Choose an example of where you have seen technology used in a store and explain what it was used for/what it did			
	Give 3 examples of where you have seen visual merchandising installation and explain what they looked like e.g. Christmas display at			
	Asda and it had lots of different advent calendars on and pictures of Christmas trees and Santa			

	Explain the requirements of Learning Aim A and Learning Aim B. The purple boxes on the bottom left of the knowledge organiser will support you.
	Read the definition of skills and responsibilities in the key vocabulary. List the key skills and responsibilities required of a director.
Drama	Read the definition of skills and responsibilities in the key vocabulary. List the key skills and responsibilities required of an actor.
Drama	Look at the first 5 key words from the key vocabulary for Learning Aim A. Learn their spelling and definition. Then use look, cover, write, check to test yourself.
	Look at the remaining 6 key words from the key vocabulary for Learning Aim A. Learn their spelling and definition. Then use look, cover,
	write, check to test yourself.
	Explain how the components of an ecosystem interact.
	Describe the location, climate and species found in rainforests.
Geography	Describe and explain two adaptations of plant species in rainforests.
	Explain how the nutrient cycle works.
	Explain causes and effects of deforestation in a rainforest of your choice.
	Name how the physical factors of Smoking, Alcohol and Drugs can impact a person's physical growth.
	Describe how having psychological difficulties could impact someone socially
Health and Social Care	Explain why people measure blood pressure.
	Describe why athletes often have their peak flow measured.
	When using a person-centred approach how can we ensure we are meeting the needs of a Muslim woman.
	Learn and list the reasons for crises in 1923.
	Explain the impact of the Weimar Republic, using a PEE paragraph.
History	Revise 5 T3 vocab words.
	Describe problems in Germany after WW1.
	Create a storyboard for the events of the Spartacist and Kapp Putsches.
	Create flashcards for different Excel Formulas.
	Design a main menu to be used on Excel for a local supermarket called 'Fresh Foods'. Annotate this design with any buttons or form
ICT	controls you would use, as well as what macros you would use and what they would do.
101	List as many uses as possible spreadsheets could be used for in everyday life. How do spreadsheets improve peoples lives?
	Create a cheatsheet for excel formulas. What can they do and how can they be used?
	Research and list as many formatting tools as you can that are in Excel.
	Log onto your personal Languagenut account and complete the appropriate homework task.
	Log onto your personal Languagenut account and complete the appropriate homework task.
Spanish	Log onto your personal Languagenut account and complete the appropriate homework task.
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	Log onto your personal Languagenut account and complete the appropriate homework task.
Music	Create a flashcard using the key vocabulary about Professional Skills e.g. time management.
	Which method of capturing music development do you think is the most effective? Compare the pros and cons of 2 methods.

Using your knowledge organiser and the internet to support you – find out which social media platform is the most effective for
musicians to use to share their work?
Using the guide on your knowledge organiser, write a practice reflection log for your discipline.
Why is it important for a musician to demonstrate awareness of health and safety and safe working practices in their
reflections/technical logs?
Use the 'Look, cover, write, check' method to list the key training principles/key terms of your sport or activity.
Create a list of the positions (team sports) or events in your sport (athletics)
Make flashcards on the tactics you could use within your sport/activity to gain an advantage (e.g. how to get a head start)
Practice some of the key techniques that are used within your sport/activity at home.
Use a method of your choice to revise the rules for your sport/activity.
Download OneDrive on your phone and log in with your academy username and password.
Write up your latest photoshoot, using the annotation guide.
Describe the key words Aperture and Shutter Speed.
Create a fact file on a chosen photographer using the influences section.
Explain how you have used the Aperture and Shutter speed this term.
Mind map Muslim teachings on Justice.
Summarise Muslim attitudes towards crime, punishment and suffering.
Create flashcards on the aims of punishment.
Explain the Muslim teachings on forgiveness.
Mind map key Muslim beliefs on the treatment of criminals, including the death penalty.
Write a list of the different types of service in the hospitality industry
Create an idea of a menu for silver service – 3 courses
Explore the Michelin star ratings
Write the difference between AA rosettes and Michelin stars
Create a mind map of

Y11 Places and Spaces

Recall

Biography

- -Norman Foster is a British architect.
- -His company, Foster and Partners, has an international design practice. He is the UK's biggest builder of landmark office buildings.
- -His most famous buildings include 'The Gherkin' building and Wembley Stadium (both in London) and Hearst Tower in New York.
- -His works are often considered amongst the most important pieces of contemporary architecture.
- -Foster has received many awards and titles. He was knighted in 1990, and became a life peer, as Baron Foster of Thames Bank in 1999. He was awarded the Pritzker Architecture Prize in 1999.





-Norman Foster was born on 1st June, 1935, in Stockport, England. He now has homes all over the world, including London and New York.

Significant Works

The Gherkin (2003)

The

Hearst

Tower

(2006)

Wembley

Stadium

2007

(1996)



district. It has 41 floors and is 181 metres tall.

-The building uses only half of the energy of most
buildings of its size, due to its eco-friendly skin. Its
curved shape also makes it wind-resistant.

-The Hearst Tower is in Manhattan, NY, and
is the Head Office of Hearst Communications.

The Gherkin (officially 30 St. Mary's Axe) is a

commercial skyscraper in London's financial

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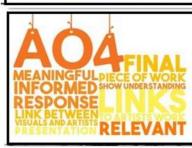
It has 46 floors and is 182 metres high. It uses triangles, for strength, throughout the frame. This required 9,500 tons of steel. It includes a 3-story water sculpture, named Icefall. The outer wall of the building is jagged.

-Wembley Stadium is the largest football stadium in the UK, and the home of the England football team. It holds 90,000 people. It has a retractable roof, to allow sport in all weathers. The roof is supported by a 183 metre arch above the stadium.









Isabel and Alfredo Aquilizan work

as a husband and wife team primarily in the medium of cardboard. Their soaring installations fill gallery spaces, reaching from floor to ceiling and wall to wall. The duo's massive sculptural works are comprised of miniature homes that have been piled and stacked, creating dizzying towers of comingled landscapes.

For many of their installations, the artists work with students and community members to collaboratively build the cardboard structures, inviting participants to reflect on and channel their own migratory experiences. The Aquilizans moved from the Philippines to Australia in 2006, and much of their work centers around the migrant experience, and having a foot in two worlds.







Y11 Places and Spaces

Recall

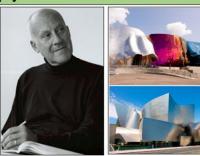
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Square pyramid

Tetrahedror

(Triangular pyramid)



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Significant Works

Styles and Techniques

The Gherkin (2003)

The

Hearst

Tower

(2006)

Wembley

Stadium

2007

(1996)



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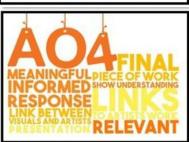
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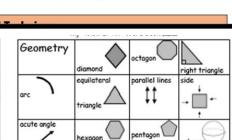
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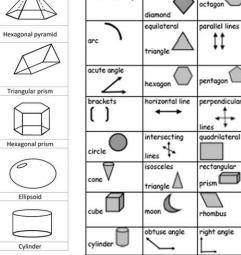






trapezoid

ertices



and form unusual shapes, whilst also making subtle references to the location's landscape and historical background. Foster uses bold architectural features & unusual shapes. He tries to incorporate the history and traditions of the site into the building.

-Foster's designs are often sleek, modern and high-

 Postmodern architecture is a style of architecture that emerged in the 1960s. It was a reaction to the

traditional, repetitive nature of modern architecture.

-Postmodern architects felt that modern architecture was 'uniform' (all the same) and ignored the history and culture of the cities in which it appeared.
-Postmodern architects aim to use unusual materials

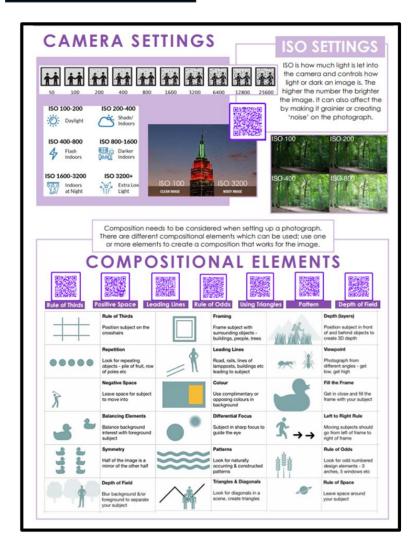
tech - using the latest technological advances and understanding of materials for effect, e.g. for stability, strength, and appearance.

-Many of his works (particularly more recent

 -Many of his works (particularly more recent buildings) are examples of <u>sustainable design</u> – reducing consumption of the earth's resources and reducing negative impacts on the environment.



Y11 Low Light



ASSESSMENT

You will be assessed on two components for your GCSE; 60% of your GCSE mark is coursework and 40% is your exam mark. Each component is marked against four assessment objectives, each assessment objective is marked out of 24. The objectives do not need to be completed in order; pieces of artwork can meet more than one assessment objective.

HOW TO SUCCEED

Try your best, take risks, be creative, practice, work hard, take pride in your work, listen to your teacher, be independent, enjoy the journey.

Photography captures the world around you – you need to be independent and motivated; take photos outside of school to really make your work standout and personal to you.

ASSESSMENT OBJECTIVE 1 (AO1)

Develop ideas through investigation, demonstrating critical understanding of sources.

* Artist research pages * Your responses in the style of artists * Contact sheets *Annotation and analysis of findings



Refi

ASSESSMENT OBJECTIVE 2 (AO2)

Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.

*Photoshoots exploring different photography techniques *Contact sheets and selecting most successful photo *Using Photoshop (or similar) to digitally edit and develop your photographs *Using art materials and techniques to develop further outcomes

ASSESSMENT OBJECTIVE 3 (AO3)

Record ideas, observations and insights relevant to intentions as work progresses.

*Planning photoshoots "Contact sheets "Visually – as well as photography you must evidence a form of drawing, such as sketches, designs "Annotation – recording ideas through mind maps, mood boards, notes, explanations, evaluations, justifications.



ASSESSMENT OBJECTIVE 4 (AO4)

Present a personal and meaningful response that realises intentions and demonstrates understanding of visual languages

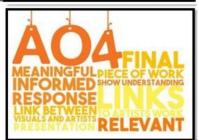
"Your whole creative journey, presenting an individual and meaningful response from your initial thoughts to your final outcome. "Plan of your final outcome "Range of shoots and contact sheets for final outcome "An original final outcome that is clearly inspired by your research and creative journey











Y11 Urban

ANNOTATION

Annotations are written explanations or critical comments added to your artwork that record and communicate your thoughts and ideas. It is important that you annotate you work as it progresses; explaining, describing and evaluating.

Shape, Form, Space	Tone	Texture and Pattern	Line	Colour
Closed	Value	Repeated	Controlled	Hue
Open	Dark/Medium/Light	Structured	Continuous	Tint
Distorted	Faded	Geometric/Organic	Bold	Bright
Flat	Harsh	Uniform	Sketched	Pastel
Organic	Contrasting	Random	Free	Primary/Secondary/Tertian
Geometric	Intense	Symmetrical	Rough	Harmonious
Negative/Positive	Sombre	Irregular	Light	Complementary
Perspective	Faint	Rough/Smooth	Flowing	Monochrome
Scale	Graduated	Broken	Thick/Thin	Neutral
Depth	Dramatic	Fine	Broken	Subtle
Composition	Shadow	Flat	Overlapping	Vivid
2D/3D	Highlight	Uneven	Angular	Cool/Warm
Volume	Grev	Soft		Contrastina

Describe the context of the piece.

What is it? (What is it you have drawn?)

What are you working from? (Primary or secondary source, and explain)

What is the purpose? (Observation, development, design idea?

Write about materials, techniques and processes used.

What materials have you used and how have you applied them?

Explain techniques or processes used. What formal skills have you demonstrated?

Explain your artist research and its context.

Which artist has influenced your work and why is their artwork relevant?

movement, when produced, how it's created) events in their life etc. I

What formal elements, materials and techniques have you used in your work and how do these link to the artist's style?

- . This piece is part of my ...
- ... I have been working from ...
- · My subject matter has been... this is because...
 - . To create my artwork, I used...
 - · I explored using...
 - I created this piece because
 - ... I am pleased with this study because ...
 - I could further develop my work by...

How would you describe their artwork? (What art What influenced their artwork? How? (Other artists, themes,

How have you used the artist style in your own way?

- . I have chosen to look at artwork by the artist ... They link to my theme
- Their artwork was created during the ... movement in ... and focuses on...
- . Influences for the artist were... and this is shown in their use of... because...
- · My work is inspired by ... because I

Write about your influences.

Describe how you have used the artist's work to inspire and inform your artwork. Describe the qualities you wanted to achieve in your artwork.

. I used the work of artist... to inspire my own work by ...

CONNECTIVES: for example such as in addition to as well as to show however because of alternatively except also, similarly, on the whole, apart from, in summary

ASSESSMENT

You will be assessed on two components for your GCSE; 60% of your GCSE mark is coursework and 40% is your exam mark. Each component is marked against four assessment

objectives, each assessment objective is marked out of 24. The objectives do not need to be completed in order; pieces of artwork can meet more than one assessment objective.

HOW TO SUCCEED

Try your best, take risks, be creative, practice, work hard, take pride in your art, listen to your teacher, be independent, enjoy the journey.

Art takes time - use the art rooms after school. work at home, make the most of your lessons.

ASSESSMENT OBJECTIVE 1 (AO1)

Develop ideas through investigation, demonstrating critical understanding of sources.

* Artist research pages * Your responses in the style of artists * Gathering primary research (photography, gallery visits) *Annotation and analysis of findings





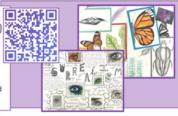
ASSESSMENT OBJECTIVE 2 (AO2)

Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes. *Experimenting in response to artist research *Using relevant materials and techniques *Exploring new materials, techniques and combinations *Practice and refine your use of materials, showing skill and control

ASSESSMENT OBJECTIVE 3 (AO3

Record ideas, observations and insights relevant to intentions as work progresses.

*Recording observations and ideas both visually and written as annotations *Visually - recording through observational drawing, photography, sketches, designs *Annotation - recording ideas through mind maps, mood boards, notes, explanations, evaluations, justifications.



ASSESSMENT OBJECTIVE 4 (AO4)

Present a personal and meaningful response that realises intentions and demonstrates understanding of visual languages

*Your whole creative journey, presenting an individual and meaningful response from your initial thoughts to your final outcome. *Plan of your final outcome *Experiments for final outcome *An original final outcome that is clearly inspired by your research and creative journey

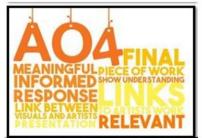












Retail Business

Unit 3: Merchandising and marketing retail products

YEAR 10 / YR 11

What I Need to Know

To understand and explain the purpose of visual merchandising
To identify and explain different types of visual merchandising
To identify and explain the different principles of visual merchandising

Key Vocabulary		
E-Commerce and m-commerce	Online shopping, which is also referred to as e-commerce and e-tailing, is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet. The Internet has made it much easier for retailers of all sizes and in different markets to sell their products and services to a wider range of customers. Recently there has been an increase in sales from wireless handheld devices; this is referred to as m-commerce. Online retailing allows customers to buy products without visiting a physical store. Can include retailer's own website or a third-party marketplace such as Amazon. Visual merchandising is used by online retailers to display their products and services onscreen.	
Pop-up shops	Temporary or pop-up shops often use vacant premises for a short period of time. Some pop-up shops create and build their own temporary shops on the high street or in shopping malls.	
Markets	Markets are places, either indoor or outdoor, where there are many stalls that sell a range of products. Market stall owners, usually small scale and independent, run the stalls. Some markets are permanent in a specific location, others are temporary and may move location.	
Multi-channel retailing	Multi-channel is using more than one of the retail channels to sell through. For most retailers this means selling in a physical store and online. Often referred to as 'clicks and bricks' which means that businesses need to have a web presence (clicks), plus a physical presence on the high street or in shopping centres (bricks). Using a multi-channel approach can increase the number of potential customers and therefore increase sales and profit.	
Retail types	Retail types include department stores, supermarkets, warehouses, clothing stores, specialty stores convenience stores, discount stores, independent shops and charity shops.	
Scale	A retail business that operates at a local level is often small, limited in size, the number of people it employs and the revenue it creates. A national retail business will operate all over one country. It may have multiple retail outlets throughout the country, and a distribution network to ensure it can distribute its products to where they are being sold. A global retail business will operate internationally throughout the world.	
Product type	Different types of retail products include perishable and non-perishable goods, high value items, high volume goods, low volume goods, fragile items, large items, items which are part of a product range, and restricted goods.	
Target customers Without customers, retail business will fail. Any successful business must be able to identify potential customers and understand the reas willing to visit its store and pay for the products or services the business is selling.		

Retail Business	Unit 3: Merchandising and marketing retail products	YEAR 10 / YR 11
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Ware Variable III		
Key Vocabulary		
Gender	Some products are aimed at men and some at women. Some retail businesses will target a particular gender while others will sell products to appeal to more than one to increase sales.	
Income	Depending on their income customers will buy more expensive or cheaper products. Retail businesses know this so they will offer a range of products at different price points.	
Lifestyle	Peoples lifestyles are the individual patterns of behaviour; this is made up of their attitudes, beliefs and habits. Lifestyles also include interests and hobbies.	
The marketing mix	The marketing mix consists of four important factors needed to sell products and services; product, price, promotion, and place (known collectively as the 4Ps)	
Product features and Design	Many customers will buy a particular product because of its features and design. Retail businesses need to sell products that give the customer the features and design. Retail businesses need to sell products that give customer the features and design they want.	
Product differentiation	Product differentiation is used in retail businesses to make their products different from other products they sell, and make them different from those offered by its competitors.	
Packaging	Packaging is an important tool in selling as well as protecting the product. Every product we buy must be packaged.	
Customer Service	Many retail businesses have a good reputation for providing a high level of customer service.	
Use of brands	Product design and innovation, USP, customer service and packaging all contribute towards branding of a product.	

PERFORMING ARTS

BTEC COMPONENT 1: EXPLORING THE PEFORMING ARTS

YEAR IO/ II

	COMMAND WORDS – LEARNING AIM A		
I	IDENTIFY & DEFINE (Level I pass / merit)	Create a list of the stylistic qualities and say what they mean.	
	c.r.s,	Create a list of the features of the roles, responsibilities and skills and say what they mean.	
2	DESCRIBE (Level 2 pass)	Give some clear features of the stylistic qualities and what they mean. Give some clear features of the roles, responsibilities and skills, including all of the main points.	
3	ANALYSE (Level 2 merit)	Talk about the stylistic qualities, thinking about what professionals have done well, what would have been tricky how they have/could have overcome this using their skills.	
4	EVALUATE (Level 2 distinction)	Go into detail about why the stylistic qualities are effective/not effective in the performance and justify why you think this.	

LEARNING AIM A: Investigate how professional performance or production work is created

- 1. Investigating the STYLE of professional performances and how it communicates a THEME.
- 2. Investigating WHO makes theatre performances, what their JOBS are and the SKILLS they need to do it.

	KEY VOCABULARY - LEARNING AIM A				
I	The 'type' of performance and the way it is created and performed. For example: Realism, Melodrama, Physical Theatre, Epic Theatre, Political Theatre, Verbatim Theatre				
2 STYLISTIC QUALITIES Drama techniques and conventions that are specific to a style of performance. For example, exaggerated gestures and slapstick comedy in Pantomime / natural speech and realistic physical Realism / choral movement and minimal set in Physical Theatre		exaggerated gestures and slapstick comedy in Pantomime / natural speech and realistic physicality in			
THEATRE		A person or company who has influenced theatre in a big way or has a distinct style of performance e.g. Charlie Chaplin (Slapstick Comedy), Stanislavski (Naturalism), Frantic Assembly (Physical Theatre).			
4	ROLES	A person's job to create a theatre performance Performance roles: actor / dancer / singer/ puppeteer, etc Non-performance roles: choreographer /set designer / director / writer etc			
/performing /contributing to the creation and development of performance material / devisi		What the practitioner is in charge of doing or the tasks they carry out. For example, rehearsing /performing /contributing to the creation and development of performance material / devising, designing, choreographing, directing, writing / refining performance material / managing self and others.			
6 SKILLS What the practitioner needs to be good at to make a theatre performance. For example, script writing, creative and research skills for a writer / line recall, vocal and physiskills for an actor / communication, research and visualisation skills for a director.		For example, script writing, creative and research skills for a writer / line recall, vocal and physical			
INTENTIONS		The decisions, made by theatre makers, to communicate deeper meaning through their work. It includes decisions about how they want the audience to feel, what atmosphere they want to put across to the audience and how they want character's to be interpreted.			
8 PURPOSE Why was it made? To educate / to inform / to entertain to provoke/ to challenge viewpoints / t awareness / to celebrate		Why was it made? To educate / to inform / to entertain to provoke/ to challenge viewpoints / to raise awareness / to celebrate			
9	9 THEME / ISSUE What the performance is about or the problem/idea it explores.				
10	10 STIMULUS The starting point where the main ideas for the performance come from.				
COLLADODATION		Other professionals that have created similar work in the past which has given professionals new ideas. This can also include working together with others who like to create similar work or merging ideas together.			

COMMAND WORDS – LEARNING AIM B				
I	IDENTIFY & DEFINE (Level pass / merit)	Create a list of the processes, skills and approaches to create a performance and say what they mean.		
2	DESCRIBE (Level 2 pass)	Give a clear, straightforward account of the processes, skills and approaches to create a performance. Give a clear, straightforward account of the production process, which includes all of the main points.		
3	ANALYSE (Level 2 merit)	Talk about how professionals in theatre work together, thinking about what parts of the process worked well, what parts were tricky and how practitioners could overcome this using different approaches and skills.		
4	EVALUATE (Level 2 distinction)	Go into detail about how professionals in theatre have worked together to create a production and justify why this was effective.		

LEARNING AIM B: Demonstrate understanding of the skills,
techniques and approaches used by professionals to create
performance / production work.

- 1. Explore the JOURNEY taken to get ideas, create and rehearse performances and the SKILLS and TECHNIQUES needed to do this
 - 2. Explore how different roles work together to put on a final production.

_					
	KEY VOCABULARY - LEARNING AIM B				
_	PROCESSES		The steps taken in the journey to prepare for a performance. This could be: Researching a stimulus to come up with ideas for a performance / exploring and developing ideas / discussion with performers / setting tasks for performers / sharing ideas and intentions / teaching material to performers / developing performance material / organising and running rehearsals / refining and adjusting material to make improvements / providing notes and/or feedback on improvements.		
putting on a theatre performance. For example: organisation, planning and artistic skills for a Set Designer / m		For example: organisation, planning and artistic skills for a Set Designer / musical, timing and collaborative skills for a Choreographer / time management, technical			
rehearsal / production / technical rehearsal / dress rehearsal / performan post-performance evaluation For example: one director might approach the rehearsal process by block		For example: one director might approach the rehearsal process by blocking the scene at first, whereas another director might approach the rehearsal process by			
	4	REPERTOIRE	The production that you are studying e.g. 'Blood Brothers'		
performance. 6 PRODUCTION This refers to the events leading up to putting on a production e.g. rehearsal production meetings (with designers etc), technical rehearsals, dress rehearsals, performance and the reviews after a performance. 7 CONTRIBUTE Add something positive to the performance. This could be by making it clear		INTERRELATIONSHIPS	How different roles and parts in theatre have worked together to create the performance.		
		Add something positive to the performance. This could be by making it clearer, more entertaining, more engaging, easier for the actors etc			

more entertaining, more engaging, easier for the actors etc...

Non-fiction Writing:



Assessment Objectives:

AO5 Communicate clearly and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences.

Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts.

A06 Use a range of vocabulary and sentence structure for clarity, purpose and effect, with accurate spelling and punctuation.

Component 2 Exam facts:

- · Two writing tasks
- · 20 marks each
- 5 minutes to plan
- 25 minutes to write
- Write 300-400 words per task

Before Starting:

- Read each task carefully (remember you have to do both).
- Highlight the keywords in the task that suggest audience, content, purpose, style, structure and so on.
- Try to step back from the task sometimes you are asked to give your views – try to consider how you feel or what your immediate reaction is.
- Use the planning time to form a clear plan.

Planning:

Why plan?

Planning helps you to capture your immediate reactions and views about a task.

- Planning allows you to jot down useful vocabulary.
- Planning allows you to consider the structure of your work.
- · Planning will save you time in the long run.

Things to consider:

- The content of your writing what angle will allow you to write in sufficient detail?
- Words, phrases and ideas that are suited to the topic and will enhance your writing.
- Structure how will you present your work. Have you been asked for a specific structure (e.g. a formal letter)?
- Remember to write in full sentences and paragraphs.
- How will you begin your work, how will your ideas develop and how will you conclude your work?
- Once you have written down your ideas in a plan, remember to give some consideration to the order that you will write.

Work out in advance what kind of planning works best for you. Do you prefer to plan using a mind map, a spider diagram, a flow chart or a different style?

Top tips:

- Remember to use a range of appropriate and well selected details to develop and support your points
- Always leave enough time to proofread your work.

Examples of previous Component 2 Writing questions:

Write a lively article for your school/college magazine with the heading: A Teenager's Guide to Managing Parents.

Write your article.

You have been asked to give a talk to your class with the title: The person I'd most like to spend a day with.

Write down what you would say in your talk.

Write a review for a teenage magazine of a book, film or TV programme/series you have enjoyed in the last year and why it might appeal to others of your age.

Write your review.

Your headteacher has decided that there should not be an end of year celebration such as a school prom or party. The headteacher believes it would just be an excuse for students to show off in an expensive way.

Write a letter to your headteacher giving your opinions on this.

How will my work be marked?:

Your writing in both Component 1 and Component 2 is marked using very specific criteria. You are awarded marks for AO5 Communication and organisation and AO6 Vocabulary, sentence structure, spelling and punctuation.

In Component 2, AO5 is marked out of 12 and AO6 is marked out of 8. During your revision, you should have a look at the mark scheme that the examiners will use, this will help you to see exactly what they are looking for.

Remember, getting the basics (full stops and capital letters) is just as important as trying to include some more complex sentences. Aim to include an accurate range of sentence types and vocabulary.

Checklist for improving your writing:

- Have you planned your work carefully?
- Have you included sufficient detail?
- Have you considered the language you use?
- Have you structured your work carefully?
- Have you varied your punctuation for effect?
- Have you proof-read your work for errors?

Creative Writing:



Assessment Objectives:

AO5 Communicate clearly and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences.

Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts.

A06 Use a range of vocabulary and sentence structure for clarity, purpose and effect, with accurate spelling and punctuation.

Before Starting:

- 1. Read through the task choices carefully.
- 2. Before making your choice, think about experiences that you have had (or that you know about) which you could use to answer the task. Or, if choosing to write purely from imagination, how will you make your narrative sound convincing and authentic?
- Choose a task that you think you would have plenty to write about.
- Spend 5-10 minutes planning carefully to make sure that you can produce an interesting and engaging piece of writing.

Planning:

Plan

- Use a system that makes most sense to you

 e.g. a spider diagram, bullet points, table,
 notes.
- A plan should be tightly focused don't waste time writing out full sentences, key words and ideas are all that are needed.

Things to consider

- Key details what happened and in what order?
- People who is involved? How are you going to let your reader know key details about them?
- Structure think about your beginning and how your narrative will end. Are you building to a particular point of interest for the reader?
- Detail which areas will you develop further to add interest for your reader?

Examples of previous Component 1 Writing questions:

Write about a time when you broke the rules.

Write about a time when you had to go shopping with a relative.

The Wedding.

Grandma.

A memory of primary school.

Continue the following: It really wasn't the result I was looking for.

Write a story which ends:

...and that was the worst job of my life.

Write a story which ends: ...and I felt so sorry for myself.

Structure

Using structural features like dialogue or flashbacks can add interest as long as you use them carefully and your writing makes sense. Your writing *must* be **coherent**.

TIP 1: Write something manageable:

You only have a short amount of time so make sure that you don't have too many characters or too many things happening.

If you spread yourself too thinly you won't be able to fully showcase your skills.

TIP 2: Be aware of your reader:

For the highest marks you **must** fully engage the reader's interest.

Write about people and events in a way that makes your reader care about them. This could happen in a number of ways. For example, they could be interested or amused, horrified or worried.

Develop detail in a way that engages your reader. Influence them through what you **show** them and your development of the content.

Checklist for improving your writing:

- Have you tried to engage your reader?
- Have you made your reader learn things through implied detail (what you have shown them)?
- Have you provided interest by developing detail?
- Have you structured your work carefully?
- Have you proof-read your work for errors?

Things to avoid:

Don't be tempted to give your reader all of the information they need about your narrative too quickly. You need to control what your reader knows. If you give out all of the key details about what is going to happen in your opening paragraph then you may shut down the ways in which you can add interesting detail later on.

Geography

An ecosystem is a system in which organisms interact with each other and with their environment.

These are non-living, such as air, water, heat and rock.

Ecosystem's Components

What is an Ecosystem?

	, , , , , , , , , , , , , , , , , , ,
Biotic	These are living , such as plants, insects, and animals.



Nutrient cycle

Litter

Biomass

Biomes

down by decomposers.

Plant life occurring in a particular region or time.

Animal life of any particular region or time.



Plants take in nutrients to build into new

organic matter. Nutrients are taken up when

animals eat plants and then returned to the soil when animals die and the body is broken

This is the surface layer of

The total mass of living organisms per unit area.

vegetation, which over time breaks down to become humus.

A biome is a large geographical area of distinctive plant and animal groups, which are adapted to that particular environment. The climate and geography

of a region determines what type of biome can exist in that region.

Food Web and Chains

Simple food chains are useful in explaining the basic principles behind ecosystems. They show only one species at a particular trophic level. Food webs however consists of a network of many food chains interconnected together.

Coral Reefs

Rainfall varies greatly south of Equator in round with temperatures tropical waters. due to location. Unit 1b

Temperature

Hot all year (25-30°C)

Warm all year (20-30°C)

Hot by day (over 30°C)

Warm summers + mild

summers (below 10°C)

Warm water all year

Cold by night

winters (5-20°C)

Cold winter + cool

Rainfall

Very high (over

Wet + dry season

Very low (below

300mm/year)

1500m /year)

500mm/ year)

(500-1500mm/year)

Variable rainfall (500-

Low rainfall (below

Wet + dry seasons.

200mm/year)

The Living World

Tropical Rainforest Biome

Biome's climate and plants

Location

Equator.

Centred along the

Between latitudes 5°-30°

north & south of Equator.

Found along the tropics

of Cancer and Capricorn.

Between latitudes 40°-

Far Latitudes of 65° north

Found within 30° north -

60° north of Equator.

and south of Equator

Biome

Tropical

Tropical

grasslands

Hot desert

Temperate

forest

Tundra

rainforest

Tropical rainforest cover about 2 per cent of the Earth's surface yet they are home to over half of the world's plant and animals.

Interdependence in the rainforest

A rainforest works through interdependence. This is where the plants and animals depend on each other for survival. If one component changes, there can be serious knock-up effects for the entire ecosystem.

The hot, damp conditions on the forest floor allow for the rapid

nutrients that are easily absorbed by plant roots. However, as these

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

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

decomposition of dead plant material. This provides plentiful

If vegetation is removed, the soils quickly become infertile.

Rainforest nutrient cycle

Distribution of Tropical Rainforests

Tropical rainforests are centred along the Equator between the Tropic of Cancer and Capricorn, Rainforests can be found in South America, central Africa and South-East Asia. The Amazon is the world's largest rainforest and takes up the majority of northern South America, encompassing countries such as Brazil and Peru.

CASE STUDY: UK Ecosystem: Epping Forest, Essex

that shelters reef animals.

Flora

Tall trees forming a canopy; wide

Grasslands with widely spaced

Lack of plants and few species;

Mainly deciduous trees; a variety

Small plants grow close to the

Small range of plant life which

includes algae and sea grasses

ground and only in summer.

variety of species.

adapted to drought.

of species.

This is a typical English lowland deciduous woodland, 70% of the area is designated as a Site of Special Scientific Interest (SSI) for its biological interest, with 66% designated as a Special Area of Conservation (SAC).

Fauna

Greatest range of different animal

species. Most live in canopy layer

Large hoofed herbivores and

Many animals are small and

Animals adapt to colder and

Low number of species. Most

animals found along coast.

Dominated by polyps and a

diverse range of fish species.

nocturnal: except for the camel.

warmer climates. Some migrate.

carnivores dominate.

Components	Management			
Spring	Flowering plants (producers) such as bluebells store nutrients to be eaten by consumers later.	- Epping has been managed for centurie - Currently now used		
Summer	Broad tree leaves grow quickly to maximise photosynthesis.	for recreation and conservation Visitors pick fruit and		
Autumn	Trees shed leaves to conserve energy due to sunlight hours decreasing.	berries, helping to disperse seeds. - Trees cut down to		
Winter	Bacteria decompose the leaf litter, releasing the nutrients into the soil.	encourage new growt for timber.		
Lavors of the Painforest				

Shrub Layer

6	Layers of the Rainforest					
	Emergent	Highest layer with trees reaching 50 metres.				
İ	Canopy	Most life is found here as It receives 70% of the sunlight and 80% of the life.				
1	U-Canopy	Consists of trees that reach 20 metres high.				
uer.						

Lowest layer with small trees that have adapted to living in the shade.

Climate of Tropical Rainforests

- Evening temperatures rarely fall below 22°C.
- · Due to the presence of clouds, temperatures rarely rise above 32°C.
- Most afternoons have heavy showers.
- At night with no clouds insulating, temperature drops.

The most productive biomes – which have the greatest biomass- grow in climates that are hot and wet.

Coniferous forest

Deciduous

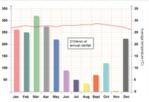
Tropical rainforests

Tundra

Temperate grasslands

Tropical grasslands

Hot deserts.



Tropical Rainforests: Case Study Malaysia

Malaysia is a LIC country is south-east Asia, 67% of Malaysia is a tropical rainforest with 18% of it not being interfered with However, Malaysia has the fastest rate of deforestation compared to anywhere in the world

Troncere, managona nao are naocest	indic or derorestation compared to any innere in the in
Adoptation to the outstands	Datafacast tababitants

•	
Orangutans	Large arms to swing $\&$ support in the tree canopy.
Drip Tips	Allows heavy rain to run off leaves easily.
Lianas & Vines	Climbs trees to reach sunlight at canopy.

Many tribes have developed sustainable ways of survival. The rainforest provides inhabitants with...

- Food through hunting and gathering.
- Natural medicines from forest plants.
- Homes and boats from forest wood.

Agriculture

Tourism

Large scale 'slash and burn' of

land for ranches and palm oil.

River saltation and soil erosion

Increases carbon emission.

increasing due to the large

Increase in palm oil is making

Mass tourism is resulting in the

building of hotels in extremely

Lead to negative relationship

between the government and

areas of exposed land.

the soil infertile.

vulnerable areas.

indigenous tribes Tourism has exposed animals

to human diseases.

Issues related to biodiversity

Why are there high rates of biodiversity?

- Warm and wet climate encourages a wide range of vegetation to grow.
- There is rapid recycling of nutrients to speed plant growth.
- Most of the rainforest is untouched.

Main issues with biodiversity decline

- Keystone species (a species that are important of other species) are extremely important in the rainforest ecosystem. Humans are threatening these vital components.
- Decline in species could cause tribes being unable to survive.
- Plants & animals may become extinct.
- Key medical plants may become extinct.

Impacts of deforestation

Economic development

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

What are the causes of deforestation?

Logging

- · Most widely reported cause of destructions to biodiversity.
- Timber is harvested to create commercial items such as furniture and paper.
- Violent confrontation between indigenous tribes and logging companies.

Mineral Extraction

- Precious metals are found in the rainforest.
- Areas mined can experience soil and water contamination.
- Indigenous people are becoming displaced from their land due to roads being built to transport products.

Energy Development

- The high rainfall creates ideal conditions for hydro-electric power (HEP).
- The Bakun Dam in Malaysia is key for creating energy in this developing country, however, both people and environment have suffered.

Road Building

- Roads are needed to bring supplies and provide access to new mining areas, settlements and energy projects.
- In Malaysia, logging companies use an extensive network of roads for heavy machinery and to transport wood.

Sustainability for the Rainforest

Uncontrolled and unchecked exploitation can cause irreversible damage such as loss of biodiversity, soil erosion and climate change.

Possible strategies include:

- 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
- 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

Hot Desert: Case Study Thar Desert - India/Pakistan



The Thar Desert is located on the border between India and Pakistan in Southern Asia. With India soon becoming the most populated country in the world in the next five years. With this, more people will plan to live in the desert.

Distribution of the world's hot deserts

Most of the world's hot deserts are found in the subtropics between 20 degrees and 30 degrees north & south of the Equator. The Tropics of Cancer and Capricorn run through most of the worlds major deserts.

Major characteristics of hot deserts

- Aridity hot deserts are extremely dry, with annual rainfall below 250 mm.
 - Heat hot deserts rise over 40 degrees.
 - Landscapes Some places have dunes, but most are rocky with thorny bushes.

Hot Deserts inhabitants

- People often live in large open tents to keep cool.

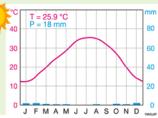
- Food is often cooked slowly in the warm sandy soil.
- Head scarves are worn by men to provide protection from the Sun.

Stems that

Widespread root system

Climate of Hot Deserts

- Very little rainfall with less than 250 mm per year.
- It might only rain once every two to three years.
- Temperate are hot in the day (45 °C) but are cold at night due to little cloud cover (5 °C).
- In winter, deserts can sometimes receive occasional frost and snow.



Adaptations to the desert

Cactus

- Large roots to absorb water soon after rainfall.
- Needles instead of leaves to reduce surface area and therefore transpiration.

Camels

- Hump for storing fat (NOT water).
- Wide feet for walking on sand.
- Long eyelashes to protect from sand.

Different parts of the hot desert ecosystem are closely linked together and depend on each other, especially in a such a harsh environment.

Desert Interdependence

Opportunities and challenges in the Hot desert

Opportunities

- There are valuable minerals for industries and construction.
- Energy resources such as coal and oil can be found in the Thar desert.
- Great opportunities for renewable energy such as solar power at Bhaleri.
- Thar desert has attracted tourists, especially during

Challenges

- The extreme heat makes it difficult to work outside for
- High evaporation rates from irrigation canals and
- Water supplies are limited, creating problems for the increasing number of people moving into area.
- Access through the desert is tricky as roads are difficult to build and maintain.

Causes of Desertification

semi-arid areas (or drylands) into deserts.

Fuel Wood

Over-Cultivation

If crops are grown in the same areas too often, nutrients in the soil will be used up causing soil erosion.

Climate Change

Reduce rainfall and rising temperatures have meant less water for plants.

Overgrazing

Too many animals mean plants are eaten faster than they can grow back. Causing soil erosion.

A growing population puts pressure on overgrazing and over-cultivation.

Strategies to reduce Desertification

- Water management growing crops that don't need much water.
- Tree Planting trees can act as windbreakers to protect the soil from wind and soil erosion.
- Soil Management leaving areas of land to rest and recover lost nutrients.
- Technology using less expensive, sustainable materials for people to maintain. i.e. sand fences, terraces to stabilise soil and solar cookers to reduce deforestation.

Desertification means the turning of

People rely on wood for fuel. This removal of trees causes the soil to be exposed.

Population Growth

the land leading to more deforestation,

LP2 Health and social care

Year 11 Component review - key learning

This is split into understanding three key areas.

- factors that affect health and wellbeing
- How to interpret health indicators
- Person-centered approaches to improving health and wellbeing 33

This where we need to understand the following.

Physical—part of their lifestyle or body that stop or impact their ability to remain health

Psychological - How is their mental state or any conditions, disabilities going to

impact them

Environmental - Does their living situation help or hinder their ability to live a normal/life

—Do they have the funds to support a health life?

2) How to interpret health indicators

80dy Mass Index (BMI) - this will be a basic graph where you have to hind the persons height on one axis and the insperion the other. This will meet at a point in the middle where the number and you have to say if this is health, under or overweight or even obese. Reak Flow—this measures the lungs capacity to stone coypenant how powerful the person can breath. This will book like a snother chart-withwhat is a normal range for the inege and genderyou have you workout if the number of the person in the case study is within the normal range.

8kod Pressure - How hand the paraons heart has to work to pump blood around the body. This one you have to memorise what a good and what a had. Anything above 90/100 over 60—80 a high and anything below it is low.

Person Centered Approaches

We need to understand how to provide the best individual support for the person within the case study. This could be that they only want female or work this out we need to understand the person by fully reading the case things, or that they need to access different religious items to pray. How we support our service users needs to fit their wants and their needs. To male staff to work with them. Their diet only allows them to eat certain

How to read and understand a case study.

When reading through the case study you need to identify the following aspects:

- Life stage of the individual
- The gender of the individual
- The difficulties they are facing from their circumstances
- Highlight any positive or negative that is obvious
- Underline or find different social groups they might be a part of such as sports clubs or religious groups

you then need to understand what the question is When you have found all of these bullet points

port types that the person has you need to think For example if the questions asks about the supgroup could help them to overcome the issues. of how being a member of a family or social

How to use the information:

local rugby club every Saturday and often drinks 5 Tony is 54 and recently divorced. He goes to his pints a game'

There are 3 main elements of this text:

His age: 54—Middle Adulthood

means he could talk to the m about how he feels means there will be other people to talk to. This His social life: He visits a local rugby club which in relation to his divorce. His lifestyle: He drinks—whilst 5 pints is not a lot. Alcohol is a depressant and this could potentially

cause him issues in the future.



History

Kaiser Fact file

- · Was the grandson of Queen Victoria. He was jealous of the British Empire: its navy and the size of its vast empire.
- The Kaiser developed a foreign policy called 'Weltpolitik,' which meant world policy. This was to try and expand the German Empire and to try and rival Britain.
- He therefore wanted to build up the German army and navy (militarism). This soon turned into an 'arms race' where Germany tried to overtake Britain's navy.
- By 1913, Germany had overtook Britain in world trade and its navy was not far behind Britain's.
- This alarmed Britain but showed that Kaisers 'Weltpolitik' was a success.

Changes in Germany 1890-

The rise of industries in

Germany made many working

class people join trade unions.

The speed at which the Kaiser

was trying to industrialise

created poor working

conditions

The rise of the SDP (Social

Democratic Party)



Y11 LP2 Germany Knowledge Organiser

Germany after WW1:

Germany was in chaos after WW1; the Home Front had collapsed and many people were on the brink of starvation. As the situation was so bad, there was an attempted revolution in November 1918, Despite the revolution failing, Germany still had the following serious problems.

Social Prob	le	r	n	S			
1	T	P	ě	0	ł		

- Women worked in the factories during WW1-some thought this damaged traditional family values.
- There were 60,000 war widows and 2 million children without fathers.

Economic Problems



- Germany was virtually bankrupt; it had lent money to its allies and had huge loans to repay to countries (Treaty of Versailles-£6.6 billion).
- German factories were exhausted by the war; they had been producing war equipment and had not, for many years, produced good for abroad.

Political Problems

How this was a problem for the

Kaiser

Strikes increased as workers

were more open to campaign

for change. This challenged

autocracy in Germany.



Germany used to be a stable nation but it was now there was mutiny and

Many ex soldiers felt the government had betrayed them and called the war off to early ("November Criminals") How did the Weimar Republic work?

Reichsrat (Upper

Each German state

(eg. Prussia) sent representatives.

The German People

Everyone over the age of twenty can vote for the Reichstag, and vote for the President every seven years

Germany does so they default on their Belgium sent 60,000 troops to

1923

French invasion of the Ruhr The Ruhr is highlighted in red. It is where all of Germany's most valuable industry is (coal etc). France and Belgium chose to invade this region because they could sell some of the things the German factories produce. This was because Germany had defaulted on the TOV payment.

(the government wanted this). The government still People therefore began to spend

Ε Α D s 0

Social

Political

· 6.

Hyperinflation

and railway l

As the German government was still paying people during the invasion of the Ruhr, the German government became VERY short of money. This was because; they could not sell goods from the Ruhr; they had to pay striking workers; they had to pay striking workers more money as people increased their prices

Because they were running out of money, the German government ecided to just print more money. This made the money less value and led to hyperinflation (where prices increase at a massive rate and money becomes less and less value).

members burst into a meeting that Kahr and Lossow were holding at the local Beer Hall. Waving a gun at them, Hitler forced them to agree to rebel - and then let them go home. Hitler also managed to persuade General Ludendorff, a German war hero, to back his revolution. The SA took over the army headquarters

economic To do with money Reparation Money paid as compensation Autocracy One person has absolute nower to rule Democracy System of government where péople can vote. Domestic Home or same country Bankrupt Having no money Hyperinflat More money put into circulation, so the value is less. T3 words Reichstaa German parliament (like House of Commons) Kaiser King of Germany Weltpoliti World policy - the German idea of how to deal with the rest of the world. President Elected by the German people/Réichstag every 7 Chancellar Chosen by the Reichstag to help run Germanv Reichsrat Jpper house of German arliament (like the House of

Keywords

T2 words

To do with people

To do with laws and the way

the country is governed

LEADS

On the night of 8 November 1923, Hitler and 600 SA and the offices of the local newspaper.

Spartacist Uprising

Weimar Government

President can make laws in an

emergency without the

Reichstaa's sav.

Lords)

Article 48

Right Wing

Germany had to pay £6.6 billion in

reparations.

tanks or air force

Around 1/3 Germans voted for this party. Major concern for wanted to get rid of him. Socialism and social change was on the rise in Germany.

the Kaiser as some in the party

Why it made Germany angry: Germans felt they should not pay it and as it was so expensive, it stopped Germany from recovering after WW1.

The Chancellor

Chosen by the President

Member of the Reichstag

Needed support from

Reichstag (Lower

Voted for by the

proportional

erman public, using

Houses of P

Germany could only have an army of As a country that used to pride itself on its army, it was a national 100k/'6 battleships and no submarines, humiliation. Germany felt defenceless and that it could be attacked by other powers.

Germany could never unite with Austria People who identified as Germans were now Polish citizens. Loss of colonies and Saar coalfields further destroyed the economy and areas of Germany were given to Poland, 13% of land taken.

The President

Armed

Article 48

In an

mergenc

President

ould make

aws withou

going first to

the

Reichstag

Believed that Germany should be a Communist country and should be ran by workers NOT Parliament (Reichstag). Believed that wealth should be evenly distributed. Did not support the Weimar Republic. Led by Karl Liebknecht and Rosa Luxemburg. Rioted in

take over Berlin. Put down by

the Friekorp ex WW1 soldiers.

Left Wing 1919

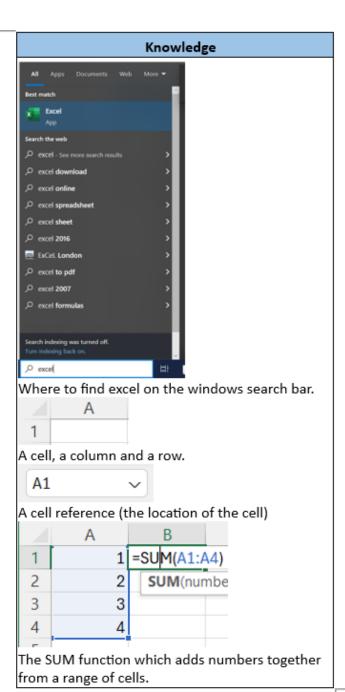
the streets and attempted to

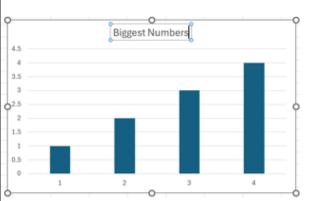
Centre

Pro-Weimar Republic. Believed in democracy and that the Reichstag should play a crucial role in passing new laws

Hated democracy and wanted Germany to have a strong and powerful military. Wanted a strong government ruled by one person-many ex soldiers and middle class people believed in this Kapp and his followers, many friekorp soldiers took over Berlin. People of Berlin went on strike. Kapp fled.

	Key Vocabulary					
Vocabulary	Definition					
Cell	A location on a spreadsheet where data can be inputted					
Cell Reference	The address of a cell. This is made up of columns and rows. For example A2.					
Spreadsheet	A tool used to organise data so that it is readable.					
Excel	Spreadsheet software by Microsoft that you will use in lesson.					
Column	The vertical stack of cells. A column's name is a letter. For example, A, B, C					
Row	The horizontal row of cells. A row's name is a number. For example, 1, 2, 3, 4					
Function	A function is used to make the spreadsheet do things such as maths for you.					
Chart	A visual representation of data.					
Macro	Recording keystrokes/mouse movements to automate tasks for you. For example creating a macro that activates when a button is clicked, the spreadsheet will go to a certain page.					
Buttons	A tool used to activate macros when pressed.					
Formatting	Arranging your spreadsheet so the data is readable and is visually pleasing.					





A chart which is visualising data from the spreadsheet.

=SUM(cells) – Adds a range of cells together

=AVERAGE(cells) – Gives you the average number from a range of cells

=MAX(cells) – Gives you the biggest number from a range of cells

=MIN(cells) – Gives you the smallest number from a range of cells

=COUNT(cells) – Counts from a range of cells how many have numbers in. Gives you the number of cells with numbers in.

Year 11 - Number

Keywords What do I need to be able to do?

How to convert and calculate with standard How to solve problems using percentages. How to write a number as a product of prime factors

How to find the HCF and LCM of a pair of numbers

How to calculate with exact values How to estimate

How to work with limits of approximation

Mathswatch.co.uk: topic practice, teaching Mathsgenie: exam topic booklets, past Support to help you revise videos, homework assignments

papers, walk through videos of exam papers papers that are automatically marked. Onmaths.com: online mini mocks, past

Growth: to increase/ to grow.

Integer: whole number, can be positive, negative or zero.

increasing in value over time (usually in a Invest: use money with the goal of it bank).

Multiplier: the number you are multiplying

Profit: the income take away any expenses/ costs

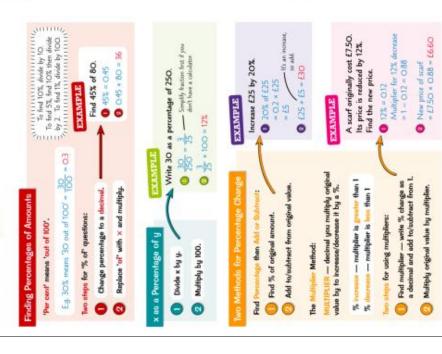
Standard form: A system of writing very big or very small numbers

Estimation: when we use approximate values predicted answer rather than an exact in a calculation to give an approximate, answer.

Surd: an expression that includes a root symbol.

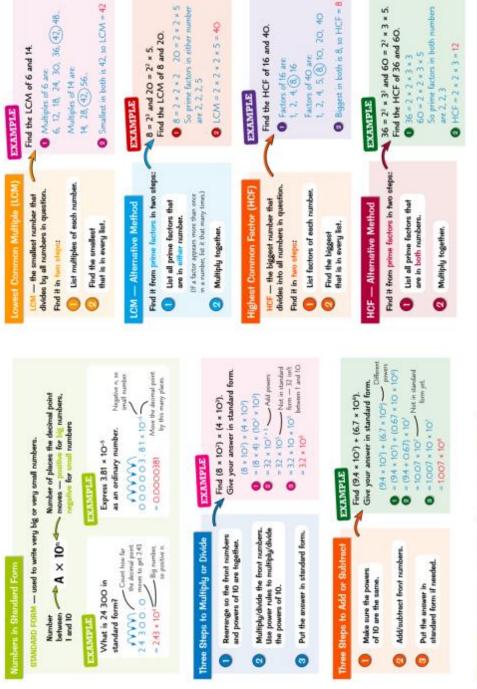
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Percentages





Standard form, Product of primes, HCF, LCM



Estimation and exact values



3 3 (5 3/5 denominator)

13 = 13 = 19=3

 $\frac{a}{4} = \frac{a \sqrt{b}}{4}$

(a) 1/8 = 1/8 (b)

 $(4+\sqrt{7})(4-\sqrt{7}) = 16+4\sqrt{7}-4\sqrt{7}-7$ = 16-7=9

(a + \sqrt{b}) (a - \sqrt{b}) = $a^2 - b$

 $\bigcirc \langle a \times \sqrt{b} = \langle a \times b \rangle$

15×13=/15

Write /54 + /150 - /24 in the form a/6.

EXAMPLE

(Definitely NOT $\sqrt{s+b}$)

/54 = /9×6 = /9×/6 = 3/6 /150 = /25×6 = /25 × /6 = 5/6 /24 = /4×6 = /4 × /6 = 2/6

 $(6+\sqrt{2})^2 = (6+\sqrt{2})(6+\sqrt{2})$

4 $(a + \sqrt{b})^2 = a^2 + 2a\sqrt{b} + b$

=36+12/2+2

3/6+5/6-2/6-6/6

Knowledge Organiser Year 11 Trabajar - Working!

¿En qué trabajas? What is your job? Me gustaría ser I would like to be Abogado/a lawver Albañil builder Amo/a de casa housewife/husband Azafto/a flight attendant Bombero/a firefighter

Contable accountant Enfermero/a nurse Escritor/a writer Fontanero/a plumber Funcionario/a civil servant Guía turístico tour guide Periodista iournalist Socorrista life guard Soldado soldier Es un trabajo... it is a...job Artístico/emocionante artistic/exciting Manual/monótono manual/monotonous

Variado/repetitive

Hacer entrevistas

Viajar por todo el mundo

Con buenas perspectivas with good prospects Tengo que/suelo I have to/I tend to Cuidar a los clients look after the customers Contestar llamadas telefónicas answer the phone Cuidar las plantas Look after the plants Enseñar a los niños teach children

varied/repetitive

do interviews

travel the world

Trabajar en un taller work in a workshop Reparar coches repair cars Trabaiar en una tienda work in a shop Servir comida y bebida serve food and drink Vender ropa de marca sell designer clothes ¿Qué haces para ganar dinero? What do you do to earn money

Reparto periódicos I deliver newspapers Hago de canguro I babvsit

Trabajo de cajero/a I work as a cashier

Cocino I cook

Lavo los platos I wash the dishes Paso la aspiradora I do the hoovering Plancho la ropa I do the ironing

pongo y quito la mesa I lay and clear the table

Paseo al perro I walk the dog Corto el césped I cut the lawn

Lo hago... I do it

Antes/después del insti Cuando necesito dinero Cuano me necesitan Gano...libras a la hora

el horario es flexible

before/after school when I need money when they need me I earn...pounds per hour

the hours are flexible

En el futuro The future

Espero I hope to Tengo la intención de I intend to Voy a... I am going to Aprender a conducer learn to drive Casarme get married Conseguir un buen trabajo get a good job

Montar mi propio negocio set up my own business

Tener hijos have children Cuando sea mayor when I'm older cuando tenga...años when I'm...years old me casaré I will get married Compraré una casa I will buy a house Me tomaré un año sabático *I will take a gap year*

Mis prácitas laborales Work experience

Hice mis práctiocas laborales en *I did my work experience in* Pasé quince días trabajando en I spent a fortnight working in

Una agencya de viajes a travel agency

Una granja

Una fábrica de juguetes a toy factory Una tienda benéfica a charity shop La empresa de mi madre

my mum's company Archivaba documentos I filed documents

Avudaba

Cogía el autobús/metro Empezaba/terminaba a las Hacía una variedad de tareas

Iba en transporte público

Llevaba ropa elegante Ponía folletos en los estantes

Sacaba fotocopias

Mi jefe/a era

Mis compañeros eran

Alegre (des)agradable(s) (mal)educado/a(s)

El trabajo era duro

Un año sabático

A gap year

the job was hard

a farm

I helped

I caught the bus/underground

I went by public transport

I put brochures on shelves

my boss was

(un)pleasant

polite (rude)

cheerful

I started/finished at

I did a variety of tasks

I wore smart clothes

I did photocopying

my colleagues were

Si pudiera un año sabático Si tuviera bastante dinero Aprendería a esquiar Enseñaria inglés Haría un viaje en Interrail

Iría a ... Pasaríá un año en Viajaría con mochila If I could take a gap year If I had enough money I would learn to ski I would teach English I would go interrailing I would go to

I would spend a year in I would go back packing

Year 11—LP2—Knowledge Organiser—Component 2

Key Vocabulary for Professional Portfolio:

Time management, self-discipline, working with others, correct and safe use of equipment (health and safety), identifying resources required, auditing existing skills

Methods of capturing music development

- Digital or traditional portfolios including studio track sheets, production notes, rehearsal diaries, screenshots, milestone performances and reviews from others
- Recorded auditions
- Compositional sketches
- Rough cuts and initial mixes

Having a clear and organised approach to communication

- Key points in the process are referred to in a logical order
- Images, videos and recordings are clear
- ☐ Written commentary supports the quality of work

Sharing and commenting on work

- ☐ Social media eg Soundcloud, Facebook, YouTube
- Jam sessions, improvisation sessions, mixtapes, demos, sharing samples, remixing, remote collaboration



YouTube



- ☐ Timing and phrasing
 ☐ Using rhythm and
 pitch
- Using equipment appropriately
- Expression
- Combining instruments/sounds
- Health & safety in the use of equipment

Creating Original Music

- Exploring and extending ideas
- Using structure effectively
- Using rhythmic and melodic patterns
- Development of harmony

Writing a Reflective Log/ Producing a Reflective Video

WHAT—What did you do during your rehearsal/ creation time today— what was your focus?

OUTCOME—What did you achieve during today's session—did you meet any of your goals?

IMPACT—Have you made progress towards your targets for improvement? How?

NEXT STEPS—After what you did today, what do you now need to do?

Music Performance

Tuning (if appropriate)

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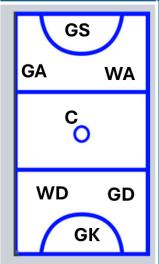
- ☐ Learning repertoire
- Physical preparation and exercises
- Instrumental/vocal techniques
 - Practise routines
- Following an accompaniment
- Stage presence

Btec Sport

Year 11	- Key Skills - Netball	Key Terms		
passes are used within a game; chest, bounce, overhead and shoulder.		Tactical Skills	Physical Fitness	
Catching	Catching is consistent and mistakes are rare. A skill used to receive the ball, enabling the team to keep possession of the ball.	Attack and Defence Free Space	Coordination Agility	
Footwork	Excellent control when catching the ball performing both two- and one-foot landing. Introduction of running pass.	Losing an opponent	Reaction time	
Dodging	Advanced techniques to outwit opponents. A change of speed and direction in order to get free into space to receive the ball	Change of speed Timing	Power Stamina	
Shooting	Shooting with control and fluency, shots are on target. A skill used by Goal Attack and Goal Shooter within the game to score a goal	Decision making	Strength	

Positions

Key Rules



Failure to take court; a team may take the court with a minimum of five players. If a team fails to do so the umpire will start the game, if the team fails to take the court in 30 seconds the match awarded to team on court.

A player who has left the court must be allowed back on court, Marking off court will result in a penalty pass being awarded.

A rebound can only be caught by the player if it touches the net or rim. If the ball fails to hit the net or rim it would be considered repossession.

Year 11 - K	ey Skills - Basketball	Key Terms		
Passing	Various passes are used within a game; chest, bounce, overhead and shoulder with control and accuracy.			
Catching	A skill used to receive the ball, enabling the team to keep possession of the ball. Catching is consistent and accurate.	Attack and Defence Free Space	Coordination Agility	
Behind the Back Dribble	Involves the ball handler bouncing the ball off of the floor behind his feet and catching it with the other hand.	Losing an opponent	Reaction time	
Dodging	Advanced techniques to outwit opponents. A change of speed and direction in order to get free into space to receive the ball.	Change of speed Timing	Power Stamina	
Shooting	Fluency, control and accuracy when shooting. A skill used by any player within the game to score a basket.	Decision making	Strength	

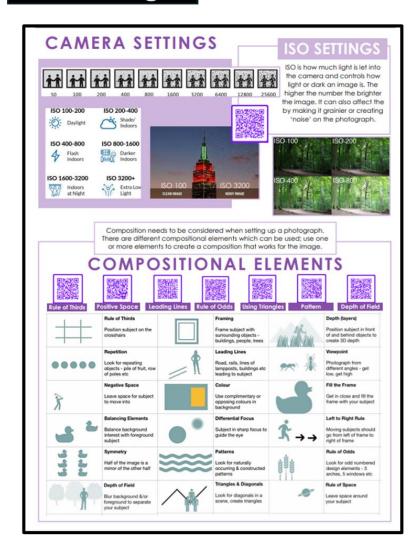
Positions



Key Rules

Excessive contact results in a flagrant foul. Flagrant fouls refer to a personal foul that can potentially injure the opponent. These fouls carry heavier penalties. There are two types of flagrant fouls: flagrant foul penalty (1) and flagrant foul penalty (2). Flagrant 1 refers to fouls involving unnecessary contact. The penalty for this foul type is a free throw for the opponent and possession of the ball. Flagrant 2 refers to any foul involving unnecessary and excessive contact. The opposing team receives free throws and possession of the ball.

Y11 Low Light



ASSESSMENT

You will be assessed on two components for your GCSE; 60% of your GCSE mark is coursework and 40% is your exam mark. Each component is marked against four assessment objectives, each assessment objective is marked out of 24. The objectives do not need to be completed in order; pieces of artwork can meet more than one assessment objective.

HOW TO SUCCEED

Try your best, take risks, be creative, practice, work hard, take pride in your work, listen to your teacher, be independent, enjoy the journey.

Photography captures the world around you – you need to be independent and motivated; take photos outside of school to really make your work standoul and personal to you.

ASSESSMENT OBJECTIVE 1 (AO1)

Develop ideas through investigation, demonstrating critical understanding of sources.

* Artist research pages * Your responses in the style of artists * Contact sheets *Annotation and analysis of findings





ASSESSMENT OBJECTIVE 2 (AO2)

Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.

*Photoshoots exploring different photography techniques *Contact sheets and selecting most successful photo *Using Photoshop (or similar) to digitally edit and develop your photographs *Using art materials and techniques to develop further outcomes

ASSESSMENT OBJECTIVE 3 (AO3)

Record ideas, observations and insights relevant to intentions as work progresses.

*Planning photoshoots *Contact sheets *Visually – as well as photography you must evidence a form of drawing, such as sketches, designs *Annotation – recording ideas through mind maps, mood boards, notes, explanations, evaluations, justifications.



ASSESSMENT OBJECTIVE 4 (AO4)

Present a personal and meaningful response that realises intentions and demonstrates understanding of visual languages

"Your whole creative journey, presenting an individual and meaningful response from your initial thoughts to your final outcome. "Plan of your final outcome "Range of shoots and contact sheets for final outcome "An original final outcome that is clearly inspired by your research and creative journey











Religious Education

1. Justice

The Nature of Justice

Justice means rewarding the good and punishing the bad, making sure that what is right is what happens in society. The way to make sure there is justice in society is to have laws which organise the behaviour of individuals and to protect the weak from the strona.

Non-Religious attitudes to Justice

Atheists and Humanists believe that justice is important because justice makes sure

- People are rewarded for their labour: People would not work if they weren't sure that they would be paid and people would not make things if others could just take them away)
- The weak are protected from the strong (if there were no laws on stealing, murder and rape life would be horrible!).

Why is Justice important for Muslims?

- The Qur'an describes God as just. As God himself is just, then justice must be of the highest importance for
- The Qur'an says that God wants people to treat each other fairly and to establish Justice

Surah 16:90 - God commands justice.. the doing of good... and He forbids all shameful deeds and injustice.

- The Prophet is shown as acting justly and telling Muslims to treat everyone justly and equally.
- Muslims believe it is part of their role as vicegerents (stewards) of God's creative to behave justly by following the Shari'ah Law
- Islamic teaching on the Last Day is concerned with the need for the good to be rewarded and the evil to be nunished.

Why Muslims believe Justice is important for the victim

- Islam teaches that justice should always be given as the victim is totally innocent
- The Qur'an teaches that the victims of crime should be compensated
- The fact that God commands Muslims to be just means that the unjust must be punished so that their victims are given justice.

2. Crime

The Nature of Crime

A crime is an act against the law. In the UK, laws are made either by Parliament or by judges. Types of crime include:

- Violent Crime Ranges from minor assaults to murder.
- Cyber Crime which is a crime committed using the internet and involves such crimes as hacking people's bank accounts to steal money from

Causes of Crime

- Poverty Many people convicted of shoplifting were stealing it to feed themselves or their families.
- Upbringing In a survey from 2011, 24% of people stated they had been in car at some point. 29% of prisoners had experienced abuse.
- Drugs Some research studies have found that a lot of acquisitive crimes (crimes where the criminal wants to acquire someone else's property, is committed by users of heroin and crack cocaine.
- Low Self Esteem Criminals in prison for drug offences and those with extensive criminal histories were found to have significantly lower self-esteem than the average person.

Muslims Attitudes to Crime

Muslims are against crime because misdeeds are breaking the laws of God. They try to remove the cause of criminality and alleviate the problems of crime:

- Poverty Islam tries to deal with the issue of poverty by banning the use of interest and gambling and encouraging other Muslims to share their wealth. They also use Zakah to help poor Muslims in the UK and support charities such as Muslim Aid and Islamic Relief
- Upbringing Muslims help people to fulfil their duties as Muslim parents. Islam teaches that children are a gift from God and that, on the Last Day, Muslims will be judged by God on how well they have brought up their children. Muslims are expected to teach the difference between right and wrong introduce them to faith through Salah (prayer) and observe Ramadan.
- Alcohol and Drugs These are haram (not allowed) in Islam so shouldn't be an issue. The Qur'an says that intoxicants are a means by which Satan tries to keep people God.
- Self-Esteem Islam's teachings should mean that no Muslim has problems with Self-Esteem. To know that you are the Khalifah of God, given the task of looking after the world in the way God wants, should mean never having a problem with low self-esteem.



Crime and Punishment On



4. Attitudes to Punishment

The Nature of Punishment

Punishment is a penalty inflicted on an offender for breaking the law. Different types of punishment include:

- Imprisonment: Court's can take away the offender's freedom and send them to prison for a fixed period of time.
- Suspended sentence: Courts can impose a term of imprisonment and then order that they will not be sent to prison as long as they do not reoffend
- Community Service Order: Offender is required to do unpaid work in the community and to remain in contact with their probation officer.
- Fine: A monetary penalty
- Compensation Order: Order the offender to pay the victim compensation for personal injury, loss or damage
- Restitution Order: Forces the offender to return anything they gained by committing the crime
- Hospital order: People with mental health problems can be detained in a secure hospital.

Muslim Teachings about Punishment

Islam teaches that criminals should be punished for their crimes and the Qur'an sets down specific punishments for certain crimes. ISlam teaches ant Muslims should not commit crimes because any crime s a sin against God. Those who commit crimes will not only be punishment by the law, but also face judgement of God on the Last Day.

The punishments set out in the Qur'an are known are hadd punishments are are seen as punishments from crimes considered to be against the rights of God. There are six crimes for which punishments are fixed:

- Theft (Punishment = Amputation of the hand)
 - Illicit sexual relations (Punishment Death by stoning or 100 lashes)
- Making unproven accusations of illicit sex (Punishment 80 lashes)
- Drinking intoxicants (Punishment 80 lashes)
- Apostasy (Punishment Death or banishment)
- Highway robbery (Punishment death)

Most Muslim countries operate a legal punishment system similar to that of Europe, however the Taliban, Isis and other areas under the Sunni Movement end to apply these punishments.

Surah 5:41 - As to the thief, male or female, cut off his or her hands: a punishment by way of example, from God for their crime.



3. Muslims Attitudes to good, evil and suffering

In Islam, good actions are known as 'halal', meaning 'that which is permitted'. Good actions are subdivided into:

- Fard Actions which must be performed for a person to be regarded as good. These include observing the Five Pillars and obeying the laws of the Shari'ah. Performing these actions will be rewarded and not performing them will be
- Mandub Actions which a Muslim will be rewarded for doing, but not punished if they do not do them
- Mubah Actions which are permitted because nothing is said about them in the Qur'an or the hadith, for example watching television. These actions will neither be rewarded nor punished.

Evil actions are called 'haram', meaning 'that which is forbidden'. Any action that is forbidden in the Qur'an, hadith or Shari'ah law (such as alcohol, gambling) is haram and so is regarded as evil. Evil is often divided into moral and natural evil:

- Moral Evil that is caused by humans misusing their free will. E.g. rape, murder and burglarly are clear examples
- Natural Suffering that has not been caused by humans. E.g. earthquakes, floods and volcanoes are not caused by humans, but result in suffering.

Non-Religious attitudes to Evil and Suffering

Many atheists and humanists believe that a good God would have designed a world that had natural evils. They cannot believe in a God that would create such horrible diseases, and believe that evil and suffering are either the fault of humans misusing their free will or the fault of accidental nature, non=Religious philosophers express the problem like this:



- If God is omnipotent (all-powerful), he must be able to remove evil and suffering from the world
- If God is omnibenevolent (all-good/loving), he must want to remove evil and suffering from the world
- It follows that if God exists, there should be no evil or suffering in the world.

Muslim answer to why people suffer

Muslims argue that because God is so much greater than humans, they cannot understand his motives and therefore must just accept what God does. The Qur'an says that God is good and so there must be good reasons for evil and suffering.

Humans can, and will, be guestioned about their evil actions because they have been born with a natural instinct to understand the difference between right and wrong. Muslims believe that life is a test and a true Muslim will remain faithful through the trials of his life

Muslims respond to evil and suffering by helping those who suffer, either practically or by prayer, because helping the suffering and fighting evil will be rewarded by God on the Last Day.

4. Attitudes to Punishment

Why punishment can be regarded as Justice

Punishment can be seen as justice because part of justice is making sure that the good are rewarded and the lawbreakers are punished. Some people, especially victims of crime, regard punishment as a form of justice:

Retributive Justice - A theory of justice which considers that punishment should be proportionate to the crime. This is not revenge like 'an eye for an eye'. In other words, the severity of punishment must reflect the severity of the crime.

Why punishment might be needed in society

Imagine what life would be like if there were no laws such as driving on one side of the road or laws for murder or rape. If society needs laws, it also needs punishment in order to make sure that all members of society obey those laws and that the rest of society are protected from those who break the laws.

5. The aims of punishment

The main aim of punishment is to try to make sure that everyone obeys the law, but there are some other aims:

- To protect law-abiding members of society from the lawbreakers
- The deter law-abiding citizens from committing crimes
- To reform and rehabilitate criminals so that they do not break the law in the future
- To make criminals pay for their actions and give the victimes of crime a sense of retribution

Retribution	Retribution is the theory that criminals should pay for their crimes. Many people think this should be the main reason for punishment because: - It makes criminals pay for their crimes in proportion to the severity of the crimes they have committed. - It makes criminals suffer for what they have done wrong. Criminals make their victims suffer, so the criminals should also suffer - It actually punishes the criminal. The dictionary definition of punish is to 'make an offender suffer for what they have done', and this is exactly what retribution does.
Deterrence	Deterrence is the theory that punishment should put people off committing crime. Many people think that deterrence should be the main reason for punishment because the main aim of punishment is to stop people from committing crimes. The idea of deterrent punishment is that punishment should be so severe that no one will dare commit crimes. - If someone knows they will have their hand cut off if they are caught stealing, then they will not steal - If people know that they will be executed if they are found guilty, they will not murder.
Reformation	Reformation is the theory that criminals should be taught not to commit crimes again. - Many people believe that the only way to stop crime is to reform the criminals so that they will become honest lawabiding citizens who will not want to commit crimes again. - Many people believe that most criminals commit crimes because of how they have been brought up and need to be taught how to live a life without crime. - Reformation punishment often involve giving criminals education and qualifications so that they can find a job
Protection	Protection is the theory that punishment should protect society from criminals and their activities. Many people think: - Capital punishment is a good punishment for murderers and terrorists because they are dead and cannot threaten people - Long prison sentences are a good m punishment for people as they keep them out of society - Community service can be a good punishment for hooligans and vandals because it keeps them off the streets

Muslim attitudes to the aims of punishment

Muslims agree with all four aims of punishment because:

- The Qur'an sets down lashes or amputation for certain crimes and the Qur'an is the Word of God which must be followed.
- Whipping and amputation allow the offender to remain in society with their families where, it is believe, they are less likely to reoffend than those who have been sent to prison

Forgiveness

The Nature of Forgiveness

Forgiveness is a conscious, deliberate decision on the part of a victim to release the feelings of resentment or vengeance they have towards a person who has harmed them.

Muslim beliefs about forgiveness

The Qur'an teaches that God is compassionate and merciful

Surah 64:14 - But if ye forgive and overlook and cover up their faults, verily God is Oft-forgiving. Most Merciful.

Because of this, Muslims believe that they too should be forgiving because:

- On the Day of Judgement, God will deal with everyone as they deserve, but Muslims will be able to request his mercy. However, how can Muslims ask God for forgiveness if they are not prepared to forgive?
- The Qur'an says that Muslims should forgive other people's sins against them and Muslims should obey the Qur'an as they believe it is the word of God.
- There are many hadith from the Prophet Muhammad about forgiving people who have offended others and bringing reconciliation to conflicts.

Why and how offenders are forgiven by the community

At any given time, there are around 65,000 people in prison and 60% of prisoners reoffend within a year of being released back into society. The community needs to forgive offenders and help them to reintegrate into law-abiding society so they feel they are apart of it and will not need to return to a life of crime.

There are examples of business owners and charities who work with offenders to help bring them back into the community.

Business - Timpson (the key-cutting and shoe repair business) goes into prisons and offers training workshops and starts employing prisoners on day-release schemes. In 12 years, only 3 people have reoffended.

Charities - Nacro offers information and advice to exoffenders, serving prisoners, families and friends through a

Restorative Justice

Restorative justice gives victims of crime a chance to explain to the offender how they have been affected by the crime. It is important for criminals because:

- It makes them realise the effects of their crime
- It brings them face to face with their victims
- It makes them realise that actions can have terrible consequences

Muslim attitudes towards Restorative Justice

Muslims are in favour of restorative justice because it is the only way of bringing peace and reconciliation between the victim and the criminal. In Islam, all brothers and sisters should work to help each other:

Surah 49:10 - The believers are but a single brotherhood: so make peace and reconciliation between your two

7. Treatment of Criminals

Human Rights

The Universal Declaration of Human Rights was proclaimed by the United Nations in 1948. It set out fundamental human rights to be universally protected which all members of the United Nations gareed to. These rights include:

- Freedom from torture and degrading treatment
- The right to liberty people are free to do anything that is not against
- The right to a fair trial trials are made in public and judgements are
- made by impartial people

 The right to not be punished for something that was not a crime when you did it
- Freedom of thought, conscience and religion

Muslim attitudes to the treatment of criminals

according to the hadd punishments set out in the Qur'an.

1. Some Muslims believe that criminals should be treated fairly and that punishments should aim at both reforming criminals and bringing in restorative justice. Both the Muslim PRison Chaplains' Association and Muslim Aid work with Muslim prisoners to achieve these ends. 2. Muslim countries with Shari'ah justice systems have a somewhat different attitude as they believe that criminals should be punishment

Islam and the use of torture

All Muslims are opposed to the use of torture. However, some non-Muslims interpret the Shari'ah punishments such as flogging, stoning or amputation as torture.

Some Muslims would say that it is permitted to torture criminals who are hiding a secret which will harm innocent people.

Most Muslims believe that the Qur'anic verse: and they feed, for the love of Allah, the indigent, the orphan and the captive Surah 76:8, means that Muslims have been ordered by God to treat captives fairly and humanely.

Islam and Fair Trial

Muslim countries adopting the Western-type legal systems operate a jury where 12 ordinary members of the public decide whether the accused is guilty. However, Muslim countries operating the Shari'ah legal systems do not use a jury. Crimes against God's law are prosecuted as hadd crimes and all other criminal matters are treated as disputes between individuals.

Islam and Human Rights

Muslims have some problems with the United Nations Declaration of Human Rights, especially around the areas of gay rights, sex outside of marriage and freedom of speech and religion. As a result, Muslim countries signed an alternative agreement which stated that 'all men are equal in terms of basic human dignity and basic obligations and responsibilities'. In Muslim countries, there are often no gay rights and no equal rights for women.

Humanist and Atheist Attitudes

Humanists believe that criminals should be treated justly and humanely as this helps to ensure that innocent suspects are treated this way too.

Humanists have always been in favour of the Human Rights and are supporters of the United Nations Declaration of Human Rights.

Most atheists would agree with the Humanist attitudes, but some atheists think that convicted criminals should not be able to use human rights legislation for such things as stopping them from being deported as it would split them from their spouse and children or to allow them to vote while in prison. Such atheists are also likely to approve of government agencies using torture to prevent terrorist attacks.

8. The Death Penalty

The Nature of Purpose of Capital Punishment

Capital Punishment is punishment which takes away the criminals life. There are several methods of Capital Punishment still in use around the world, such as lethal injection, electrocution, hanging, firing squad, stoning and decapitation (cutting off someone's head).

102 countries around the world have abolished the death penalty for all crimes, and was abolished in the UK in 1970. Seven have abolished it but retain it for special circumstances. The USA, Japan and Singapore are the only countries to retain it. These countries believe that it's purpose is to deter people from committing murder, to protect society from dangerous people and to act as retribution for those who have

Muslim attitudes and teachings about Capital Punishment

Islam allows capital punishment for three offences: murder, adultery and apostasy (giving up or denying your religious faith).

Most Muslims agree with Capital Punishment because	Some Muslims do not agree with Capital Punishment because
It is a punishment set down by God in the Qur'an and Muslims believe the Qur'an is the Word of God	They feel that Capital Punishment is recommended by the Qur'an, but not compulsory
Muhammad made several statements agreeing with capital punishment and Muhammad is the seal of the prophets whose words should be obeyed	They feel that since Capital Punishment does not reduce crimes and since there is a possibility of the wrong person being convicted and then executed, capital punishment is not justice and so is banned by Suah 6:151

Surah 6:151: Take not life, which God hath made sacred. except by way of justice and the law

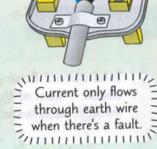
Humanist and Atheist attitudes to Capital Punishment				
Most Humanists disagree with Capital Punishment because		Some Atheists would agree with Capital Punishment because		
Murdered who know they are going to be killed if caught are more likely to kill more people to avoid being caught.		If people know that they wil lose their life if they murder someone, it will act as a deterrent and there will be fewer murderes.		
Human life is the most important thing there is, so no one has the right to take it. Executing murderers demonstrates that society does not regard life as important.		Human life is the most important thing there is, and the value of human life can only be shown by giving those who take human life the worst possible punishment, which is the death penalty.		

Science

Three-core Cables

- Most electrical items have a three-core cable.
- The insulation on each wire has a particular colour to identify it.

the	live wire	neutral wire	earth wire
Colour	brown	blue	green and yellow
Potential difference (V)	230	around 0	0
Use	Provides alternating potential difference from mains supply.	Completes the circuit.	Stops appliance casing becoming live.



earth

live

Energy

energy transferred (J) charge flow (C)

Amount of energy an appliance transfers depends on:

- appliance's power
- how long appliance is on for

Power

POWER — energy transferred per second.

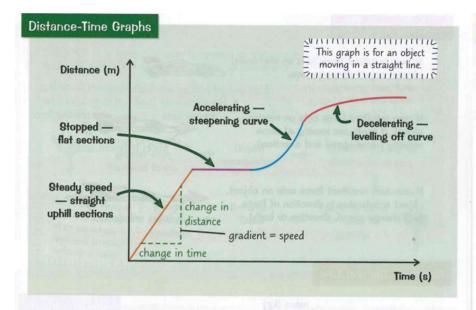
POWER RATING — maximum safe
power an appliance can operate at.

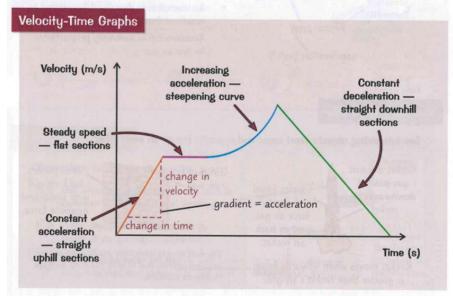
neutra

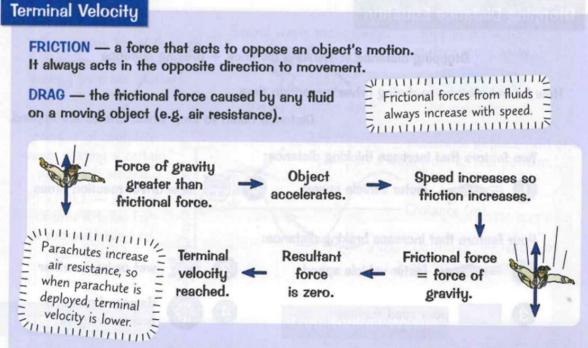
power (W) potential difference (V)
$$P = VI$$
 current (A) power (W) current (A)
$$P = I^2R$$
 resistance (Ω)

Electricity Vocabulary

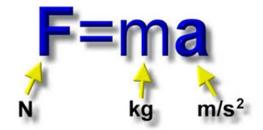
- **1.Circuit** a complete, closed path through which electric current can flow.
- **2.Connection** the point where two electrical elements are ioined.
- **3.Flow** the movement of electric charge through a conductor.
- **4.Current** the flow of electric charge in a particular direction.
- **5.Power** the rate at which energy is transferred or converted by an electrical system.
- **6.Energy** the capacity to do work or produce movement, transferred via electricity.
- **7.Charge** the property of matter that causes it to experience a force in an electric field.
- **8.Potential** the difference in electric charge between two points in a circuit.
- **9.Conduct** to allow electricity or heat to pass through a material.
- **10.Insulate** to prevent the flow of electricity through a material.
- **11.Switch** a device for making and breaking the connection in a circuit.
- **12.Source** the origin of electrical energy, such as a battery or power station.
- **13.Voltage** the measure of electric potential difference between two points.
- **14.Resist** to slow down the flow of electricity through a conductor.
- **15.Transform** to change energy from one form to another, such as electrical energy into heat or light.

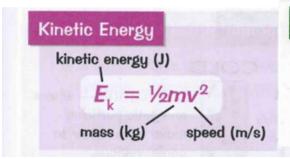


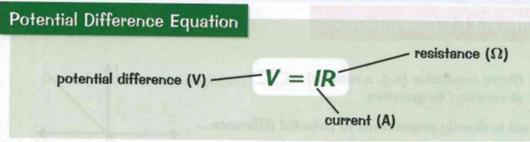


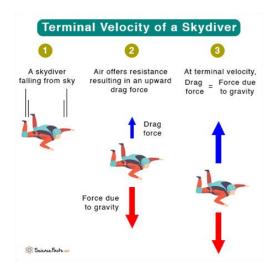


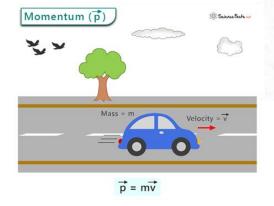
The bigger the Force the bigger the acceleration. The greater the mass the smaller the acceleration.









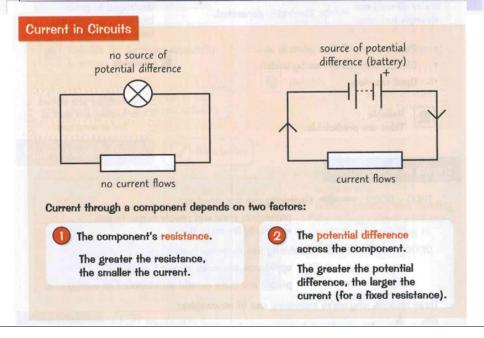


After an acceleration, the sky diver reaches equilibrium and then falls at a constant speed.

The momentum of an object is calculated by multiplying its mass by its velocity.

Current, Potential Difference and Resistance

The state of the state of the	Definition	Unit
CURRENT	flow of electrical charge	ampere, A
POTENTIAL DIFFERENCE	driving force that pushes charge round	volt, V
RESISTANCE	anything that slows down charge flow	ohm, Ω



Motion Vocabulary

- Accelerate to increase the speed of an object.
- Constant staying the same over time, such as constant speed or velocity.
- Decrease to become smaller or less in size, amount, or speed.
- Distance the amount of space between two points.
- Direction the path along which something moves or faces.
- Velocity the speed of something in a given direction.
- **Speed** how fast an object is moving, calculated by distance over time.
- Rate a measure or quantity related to time, like the rate of motion.
- Position the location of an object relative to other objects or places.
- Change to make or become different, such as a change in motion.
- Travel to move from one place to another.
- Measure to determine the size, amount, or degree of something, such as measuring motion.
- Relative considered in relation to something else, such as relative motion between two objects.
- Steady remaining at a constant speed or velocity.
- Pattern a repeated or regular way in which something happens, such as patterns in movement.

Technology - Hospitality and Catering

Y11 - Hospitality & Catering Tier 3 Vocabulary:

Boiling

- Up to 50% of vitamin C is lost when boiling green vegetables in water.
- · The vitamin B group is damaged and lost in heat.

Poaching

 The vitamin B group are damaged in heat and dissolve in water.

Roasting

 Roasting is a method of cooking in high temperatures and so this will destroy most of the group C vitamins and some of the group B vitamins.

Grilling

- · Using this cooking method can result in losing up to 40% of group B vitamins.
- . It is easy to overcook protein due to the high temperature used in grilling foods.



Baking

· Due to high temperatures in the oven, it is easy to overcook protein and damage the vitamin C and B group vitamins.

The importance of nutrition

Listed below are the macro-nutrients and micro-nutrients. You need to know their function in the body and know examples of food items for each. You need to know why they are needed in the diet and why there is a need for a balanced/varied diet.

Macro-nutrients

Carbohydrates - Carbohydrates are mainly used in the body for energy. There are two types of carbohydrates which are:

- Starch Examples include bread, pasta, rice, potatoes
- Sugar Examples include sweets, cakes, biscuits & fizzy drinks.

Fat - This is needed to insulate the body, for energy, to protect bones and arteries from physical damage and provides fat soluble vitamins. There are two main types of fat which are:

- · Saturated fat Examples include butter, lard, meat and
- · Unsaturated fat Examples include avocados, plant oils such as sunflower oil, seeds and oily fish.

Protein - Protein is mainly used for growth and repair in the body and cell maintenance. There are two types of protein which are:

- High biological value (HBV) protein Includes meat, fish, poultry, eggs, milk, cheese, yogurt, soya and
- Low biological value (LBV) protein Includes cereals, nuts, seeds and pulses.

Micro-nutrients

Vitamins

- . Fat soluble vitamin A Main functions include keeping the skin healthy, helps vision in weak light and helps children grow. Examples include leafy vegetables, eggs, oily fish and orange/yellow
- · Fat soluble vitamin D The main function of this micro-nutrient is to help the body absorb calcium during digestion. Examples include eggs, oily fish, fortified cereals and margarine.
- Water soluble vitamin B group Helps absorbs minerals in the body, release energy from nutrients and helps to create red blood cells. Examples include wholegrain foods, milk and eggs.
- . Water soluble vitamin C Helps absorb iron in the body during digestion, supports the immune system and helps support connective tissue in the body which bind cells in the body together. Examples include citrus fruits, kiwi fruit, cabbage, broccoli, potatoes and liver.

Minerals

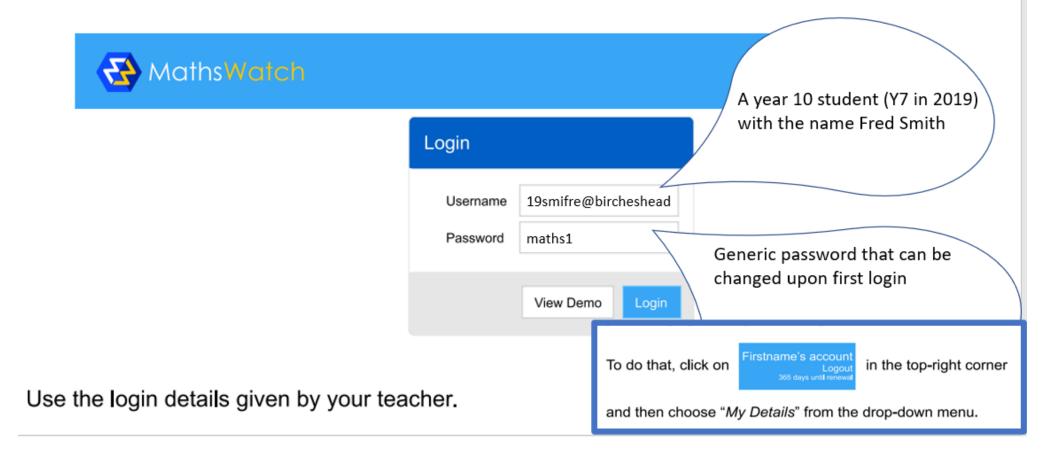
- . Calcium Needed for strengthening teeth and bones. Examples include dairy products, soya and green leafy vegetables.
- . Iron To make haemoglobin in red blood cells to carry oxygen around the body. Examples include nuts, beans, red meat and green leafy vegetables.
- . Sodium Controls how much water is in the body and helps with the function of nerves and muscles. Examples include salt, processed foods and cured meats.
- Potassium Helps the heart muscle to work correctly and regulates the balance of fluid in the body. Examples include bananas, broccoli, parsnips, beans, nuts and fish.
- Magnesium Helps convert food into energy. Examples include wholemeal bread, nuts and
- Dietary fibre (NSP) Helps digestion and prevents constipation. Examples include wholegrain foods (wholemeal pasta, bread and cereals), brown rice, lentils, beans and pulses.
- Water Helps control temperature of the body, helps get rid of waste products from the body and prevents dehydration. Foods that contain water naturally include fruits and vegetables, milk and eggs.

MathsWatch / SENECA / Kerboodle Instructions

MathsWatch

Please navigate to vle.mathswatch.co.uk using your preferred browser (we do recommend Google Chrome but IE, Safari and others should work just as well).

You will be presented with this login page:

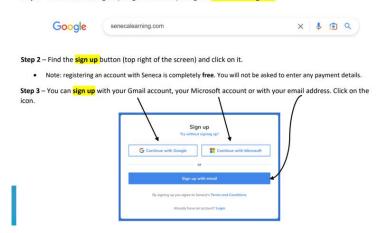


SENECA

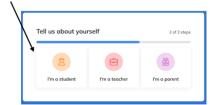
Information for Students: How to Sign up to Seneca

Please use the information below to learn how to sign up to Seneca Learning. This is where all of your English homework will be set.

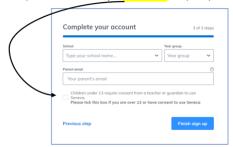
Step 1 - Go to a search engine (Google or Chrome) and go to senecalearning.com



Step 5 – Click on the **student icon** and then type in the school name and select your year group.



You don't need a parent's email address, just click the box to say that you're over 13.



Click the Finish sign up button.

Step 4 - Enter your details.

- · If you have a Gmail or Microsoft account that you already use, just enter your details.
- If you do not have an email address, click 'Sign up with email.'
- If you have clicked on the sign up with email button, you will be taken to a screen which looks like this:



If you do not have your own email address, use this formula:

firstname.surname@bircheshead.com

e.g, if your name is Charlie Walker, it would be:

charlie.walker@bircheshead.com

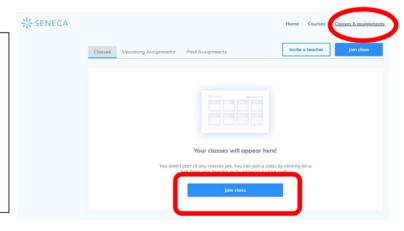
The password is password

Write your new email here:

@bircheshead.com

Step 6 – Join your class by clicking on the Classes & Assignments button at the top right. Then click on the Join class button. Enter your class code given to you by your English teacher.

Write your class code here:



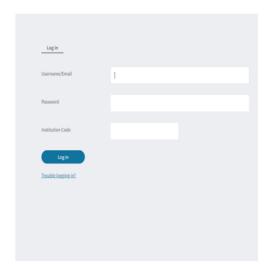
Now you'll be able to access any homework set by your English teacher. Make a copy of your login details in your planner.

Kerboodle

- · Go to www.Kerboodle.com
- · It will look like this:







- Your username is your first initial and your complete surname. E.g.
- Joe Bloggs would be jbloggs
- Your password is the same as your username the first time you login.
- The institution code is: ua3
- The first time you login you can change your password

