





| Persuasive Technique | Definition | Example |
| :---: | :---: | :---: |
| Rhetorical question | A question asked in order to prompt further thought or to make a point rather than to get an answer. | If not me, then who? If not now, then when? |
| Allusion | A reference to another literary, artistic, historical, or musical work. | We must act as our own 'Inspector' in Priestley's famous play, and demand honesty, integrity and truth from those around us. |
| Satire | The use of humour, irony or hyperbole to expose and criticise people's weaknesses or vices, particularly in the context of contemporary topics. | It looked like society might just be capable of holding itself together. Until a five-year-old boy drove through the playground in an open-top Audi sports car. I watched Audi boy's parents as they walked behind their careering horror of a son, carefully checking he wasn't crashing into strangers' ankles but apparently oblivious to the trail of howling victims left in their wake |
| Simile | A descriptive technique that compares one thing with another, usually using 'as' or 'like'. | He is as determinedly dishonest as a politician attempting to cover his latest immoral decision. |
| Emotive language | Words/ phrases deliberately used to evoke a powerful feeling from the reader i.e. sympathy, anger. | I find the notion that I am not worthy of voting for my country's next leader because of my age, both demeaning and deeply insulting. |
| Statistic | A fact that is supported by numerical data. | The Trussell Trust's foodbank network distributed 1,332,952 three day emergency food supplies to people in crisis, a $13 \%$ increase on the previous year. 484,026 of these went to children. |
| Flattery | Deliberately complimenting the reader. | The very fact that you are reading this article suggests that you are compassionate and understanding of the plight of your fellow man. |
| Hyperbole | Deliberately exaggerated language. | He was so obnoxious; I was hoping he would be arrested on the spot and given a very long prison sentence purely for not saying please or thank you. |
| Humour | Describing a surprising or unexpected reaction to an event/ person/ object to create amusement | My brother may look angelic but do not be fooled by his toddler aesthetic: he is a tiny-but very real-psychopath. |
| Irony/ sarcasm | When the literal meaning and the intended meaning are the opposite, typically for humorous or emphatic effect. | There is nothing I enjoy more than being chastised by a group of people who have |
| Listing | When the writer includes several words/ phrases/ ideas, one after the other. | We ought be challenging the status quo, demanding more and not settling for easy answers. |
| Personification | Describing an inanimate object as having human feelings. | If we are not careful, prejudice will become our leader and it will dictate our actions and thoughts. |
| Eye-witness quotation/ expert quotation | Direct speech from a person who witnessed an event/ direct speech from someone who has an in-depth understanding of the topic. | The British Nursing Association said the move was "hugely concerning" and a stark example of the "extreme workforce pressure" at NHS emergency services, which are facing rising demand while recruitment and retention of nurses gets harder. |


| Key Term | Definition |
| :--- | :--- |
| Capitalism | An economic and political system in which a country's trade and industry are controlled by <br> private owners for profit, rather than by the state. |
| Socialism | A political and economic system which promotes public ownership of trade and industry, <br> usually controlled and regulated by the government |
| Right-Wing | A more traditional, conservative form of politics. Right-wing politics are generally <br> characterised by support for the view that certain social orders and hierarchies are <br> inevitable, natural, normal, or desirable |
| Democracy | Left-wing politics is the support of social equality and egalitarianism, often in opposition to <br> social hierarchy. |
| A system of government decided by the entire population or a majority of eligible citizens, <br> usually through elected representatives. |  |
| A group of people who share political ideas and work together to achieve power at local or <br> national level, e.g. The Conservatives or The Labour Party |  |
| Elected representatives of the public who meet and debate to pass new laws. In the UK this <br> is made up of The House of Commons, the House of Lords, and the Monarch. |  |

Connecting words/phrases: between
sentences
However...
Consequently...
Moreover....
Additionally...
That last word is crucial because...
As much as...
Except, of course...
This is especially true of...
Significantly...
Likewise...
From this, it is clear that...
Evidently...
Ultimately....
Yes, you did hear...

## Connecting phrases: between paragraph

Building on the latter idea...
Whilst this idea is important, it is also crucial that we consider....
Furthermore, we must acknowledge...
Not only. $\qquad$ but also...
Additionally, it is vital that we do not overlook Let's also reflect on the notion that....
Whilst it is widely accepted that..
It does not stop there. I would implore you to also consider...
Let me bring your attention to...
You might think that....
You may have detected....

An Effective Introduction Might Include.....
An analogy i.e. outlining a scenario that is comparable to the topic you will be exploring
A 'confession' i.e. a surprising/ personal statement.
A description of the first time you became aware of the issue.
A description of a place/ person that is relevant to the topic.
A consideration of the of 'personal' impact and then the 'societal' impact of the topic.
A quotation that links to your topic.




| Partners in excellence |  | Car in town | 13m/s |
| :---: | :---: | :---: | :---: |
|  |  | Car on motorway | $31 \mathrm{~m} / \mathrm{s}$ |
| $\begin{aligned} & \stackrel{0}{5} \\ & 3 \end{aligned}$ | 5-20 | Train | $55 \mathrm{~m} / \mathrm{s}$ |
|  | $\mathrm{m} / \mathrm{s}$ | Sound in air | $340 \mathrm{~m} / \mathrm{s}$ |



| Speed | How fast an <br> object moves | The speed of a car is $30 \mathrm{~m} / \mathrm{s}$. <br> A car moves forward with a <br> velocity of $30 \mathrm{~m} / \mathrm{s}$. |
| :---: | :---: | :---: |
| Velocity | Speed + direction | The table is 1 m long. |
| Distance | How far | Ther |
| Displacement | Distance + <br> direction | The beach is 1 km due east <br> of the town. |
| Scalar | A quantity that only has <br> magnitude (size) | e.g. mass, time, speed, <br> temperature, energy, distance. |
| Vector | A quantity that only has <br> magnitude and direction | e.g. force, velocity, momentum, <br> displacement, acceleration, weight. |


|  |  <br> Distancetime graphs |
| :---: | :---: |
| Distance-time graph | Shows how far an object moves along a straight line |
| Speed of object | Use the gradient of graph |
| Object stopped | Graph line flat |
| Object going faster | Graph line steeper |
| Object accelerating | Graph line curves |


|  | If the graph is a straight line, the speed along the line is equal to the gradient of the line | Gradient = vertical horizontal |
| :---: | :---: | :---: |
|  | If the graph is a curve, the speed is found by drawing a tangent to the curve and then the gradient of the tangent |  |




| Speed |  |  |
| :---: | :---: | :---: |
| How fast an <br> object moves | The speed of a car is $30 \mathrm{~m} / \mathrm{s}$. <br> A car moves forward with a <br> velocity of $30 \mathrm{~m} / \mathrm{s}$. |  |
| Velocity | Speed + direction | The table is 1 m long. |
| Distance | How far | The beach is 1 km due east |
| of the town. |  |  |


| Scalar | A quantity that only has <br> magnitude (size) | e.g. mass, time, speed, <br> temperature, energy, distance. |
| :---: | :---: | :---: |
| Vector | A quantity that only has <br> magnitude and direction | e.g. force, velocity, momentum, <br> displacement, acceleration, weight. |



better hope - brighter future

Science: Forces \& Motion


| Speed |  |  |
| :---: | :--- | :--- |
| Velocity |  |  |
| Distance |  |  |
| Displacement |  |  |
| Scalar |  |  |
| Vector |  |  |



Motion Graphs


|  | Gradient $=$ |
| :---: | :---: |



Science: Forces \& Motion


## PiXL



| Core Practical |
| :---: |
| Investigate <br> force, mass and <br> acceleration |
| Vary mass added <br> to trolley. |
| Frictionl forces |


| Ac |
| :--- |
| pr |
| re |
| A |
| pr |


| Acce <br> propo <br> resu |
| :--- |
| Ac |
| prop |

## 



| $\mathrm{F}=(\mathrm{mv}-\mathrm{mu}) \div \mathrm{t} \quad$ Is a vector. |
| :--- | :--- |



| Frictional forces <br> decelerate a <br> moving object and <br> bring it to rest. |
| :---: |



| Force | Push or pull | Stretch, squash, turn. |
| :---: | :---: | :---: |
| Contact <br> force | Exerted between <br> two objects <br> when they touch | Friction, air resistance, <br> tension. |
| Non- <br> contact <br> force | Exerted between <br> two objects <br> without touching | Gravity, electrostatic <br> forces, magnetic <br> forces. |



EDEXCEL
TOPIC 2
MOTION AND
FORCES (part 2)

|  | Balanced forces | When the resultant force on an still object = 0 , the object is stationary. |
| :---: | :---: | :---: |
|  |  | When the resultant force on a moving object $=0$, the object is at a constant speed. |
|  | Unbalanced forces | When the resultant force is greater than 0 , the object accelerates. It could speed up, slow down or change direction. |
|  | Equal and opposite forces | When two objects interact the forces exerted are equal and in an opposite direction. |


| Measuring <br> reaction <br> times | How fast <br> someone <br> reacts |
| :---: | :---: |
| Dropping the ruler test <br> or computer based test. |  |
| Typical reaction time $=$ <br> $0.2-0.6 \mathrm{~s}$. |  |



## Car's mass $\sim 1000 \mathrm{Kg}$, single decker bus

fortenorea,0øonded PHYSICS ONLY Speed increases so does stopping distance. Speed increases
thinking distance also increases at also increases at
the same rate.

| If the mass is |
| :---: | :---: |
| large, to change |
| velocity a big |
| force is needed. | | If speed doubles, braking <br> distance increases by a factor <br> of four $\left(2^{2}\right)$. |
| :---: |
| Work done to bring a vehicle <br> to rest $=$ its initial kinetic <br> energy |


|  | Work done by braking force, reduces kinetic energy | Kinetic energy decreases, temperature of brakes increases due to frictional forces. |
| :---: | :---: | :---: |

Science: Forces \& Motion





| Key Events in World War 2 |  |
| :---: | :---: |
| $\begin{aligned} & \text { September } \\ & 1^{\text {st }} 1939 \end{aligned}$ | Germany invades Poland. |
| $\begin{aligned} & \text { September } \\ & 3^{\text {rd }} 1939 \end{aligned}$ | Britain and France declare war on Germany (Start of WW2). |
| $\begin{aligned} & \text { January, } \\ & 1940 \end{aligned}$ | Rationing introduced across the UK. |
| May - <br> June, 1940 | Dunkirk evacuated and France surrenders to Germany. Germany uses blitzkrieg to take over much of Western Europe. |
| July, 1940 | Germany launches air attacks on Great Britain (The Battle of Britain and the Blitz begin) Germany, Italy and Japan sign the Tripartite Pact creating the axis alliance. |
| $\begin{aligned} & \text { December } \\ & 7^{\text {th }} 1941 \end{aligned}$ | The Japanese attack the US navy in Pearl Harbour. The next day, the USA enters the war fighting with the allies |
| $\begin{aligned} & \text { June } 6^{\text {th }} \\ & 1944 \end{aligned}$ | D-day and the Normandy invasion. Allied forces invade France and push back the Germans. |
| $\begin{aligned} & \text { April 30 th } \\ & 1945 \end{aligned}$ | Adolf Hitler commits suicide |
| $\begin{aligned} & \text { May 7th } \\ & 1945 \end{aligned}$ | Germany surrenders and Victory in Europe is declared the next day. |
| $\begin{aligned} & \hline \text { August } \\ & 1945 \end{aligned}$ | Atomic bombs dropped on Hiroshima and Nagaskj, Japan by the USA killing <br> approximately 226,000 people. |
| $\begin{aligned} & \text { September } \\ & 2^{\text {nd }} 1945 \end{aligned}$ | Japan surrenders signalling the end of WW2 |
| July 1954 | Rationing ends in the UK |


| Leaders |  |
| :---: | :---: |
| United <br> Kingdom | Germany |

## Countries involved in WW2

| Allies | Axis |
| :--- | :--- |
| USA, Britain, France, | Germany, Italy, Japan, |
| USSR, Australia, Belgium, | Hungary, Romania, |
| Brazil, Canada, China, | Bulgaria, Finland |
| Denmark, Greece, |  |
| Netherlands, New |  |
| Zealand, Norway, Poland, |  |
| Czechoslovakia, |  |
| Yugoslavia, India, South |  |
| Africa |  |
|  |  |
|  |  |

Key Vocabulary

| Allies | Countries which fought on Britain's side. | Axis | Countries which fought on Germany's side. |
| :--- | :--- | :--- | :--- |
| Evacuee | Someone who was evacuated. Moved from <br> a dangerous place to be safer. | Nazi | Member of a fascist German political party. <br> They came to power in 1933. |
| Black out | Ensuring no lights were visible after dark <br> so buildings can't be spotted. | Blitz | Aerial bombings on the UK, mainly cities <br> including London, by Germany. |
| Rationing | The controlled distribution of limited <br> resources such as food and clothing. | Holocaust | Mass murder of Jewish people and other groups <br> by the Nazis. |
| Air raid <br> shelter | A building to protect people from bombs. <br> Made from corrugated iron usually found <br> in people's gardens. | Fascism | Right wing political view associated with not <br> allowing apposition and total control by a <br> dictator. |
| Trenches | A long narrow ditch used for troops to <br> shelter from enemy attack. | Blitzkrieg | Translates to 'lightning war'. Germany's quick <br> strike invasion of Western Europe. |



## Research:

Why was Northwich important during WWII? See if you can come up with at least THREE reasons.

Explain what the German Enigma machines were and why Alan Turing and his work was important to Britain's final victory

Explain who the Home Guard were

Research a member of your family who fought in the war and create a factfile about them


Geography - Climate Change

## KEY VOCABULARY

Adaptation
Alternative energy
Atmosphere
Axial tilt
Carbon capture and
storage (CCS)
Carbon dioxide
Carbon sinks
Climate change
Eccentricity
Enhanced greenhouse
effect
Fossil fuel
Global warming
Greenhouse effect
Greenhouse gas
Ice cores
Milankovitch cycle
Mitigation
Nitrous oxide
Precession
Quaternary period
Renewable energy
Solar flare
Solar radiation
Sunspots
Volcanic eruption


Evidence for past changes in climate:

- Ice cores
- Ocean sediments
- Rising sea levels
- Shrinking glaciers
- Shrinking sea ice


| Human causes of climate change |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :---: | :---: | :---: |
| Carbon <br> dioxide | Burning fossil <br> fuels | Car <br> exhausts | Deforestation and <br> burning trees |  |  |  |
| Nitrous <br> oxide | Sewage <br> treatment | Car <br> exhausts | Electricity production |  |  |  |
| Methane | Farm livestock | Rice farming | Rotting rubbish in <br> landfill |  |  |  |




## Natural causes of climate change are:

- The Milankovitch cycles
- Solar activity: sunspots, solar flares average 11 year cycle
- Volcanic activity: Ash blocks sun, Sulphur dioxide mixes with water =sulphuric acid $=$ reflects sun= volcanic winter

Mitigating against climate change means reducing the impacts of climate change

## You need to be able to:

> Describe the methods Explain how they will work Evaluate their effectiveness

## Alternative energy sources:

> Solar, wind,
$>$ hydroelectric.
> Nuclear
Burring fossil fuels produces greenhouse gases so reducing their use is important in reducing greenhouse gas emissions

## Carbon capture:

Filtering carbon out of the air, diluting it in water and injecting it into the ground so it is locked away

Planting trees: Trees absorb CO2. The more we plant the more CO2 is locked away

```
International agreements:
2005 in Kyoto
2009 in Copenhagen
2015 in Paris
2021 in Glasgow
```

What are the global impacts of climate change?
$>$ Lower crop yields
$>$ Increased risks of drought and floods
$>$ Increased heat related diseases
$>$ Stronger tropical storms
$>$ Increased desertification
> Wildlife extinction and changing migration
> Rising sea levels coastal flooding

## Can you identify social, economic and environmental impacts?

The cities most threatened by rising sea levels


Adapting to climate change means accepting that things will change and finding ways to alter what we do

Many changes will have to happen in Agriculture:
$>$ Introduce drought resistant plants
$>$ Use new irrigation systems
$>$ Introduce water harvesting
> Plant trees for shade
$>$ Change when you plant and sow seeds

Managing water supply will become increasingly important:
Harvesting water off glaciers in the summer and storing it so it freezes in winter ready to provide regular water supply in the summer as the ice melts

## Managing rising sea levels:

In the Maldives they have
> Built sea walls
> Houses on stilts
> Build artificial islands
$>$ Restore coastal mangrove


| Key Ideas |  |  |
| :---: | :---: | :---: |
| Design Argument | The Design Argument argues that God must exist because the world around us is so intricate and welldesigned that there must be an intelligent creator behind it. <br> William Paley puts this forward in his Watchmaker's Argument that says if you found a watch in the grass you would not assume its intricate mechanism had come about by accident, you would assume someone had created it. The same applies for the world around us. <br> 凹 Atheists argue that nature and science are responsible for the world around us and that much of the socalled design is the result of chance and natural selection. |  |
| First Cause Argument | The First Cause Argument was put forward by Thomas Aquinas and it argues that there has to be an uncaused cause that made everything else happen and that must be God. It argues that nothing moves without first being pushed and that God is the only possible being that can exist with no cause as God is eternal (never beginning, never ending) <br> ® Atheists argue that by this logic God must have a cause or that if God is eternal then the universe itself could be eternal as well. |  |
| Argument from Miracles | The Argument from Miracles argues that miracles (a remarkable event seemingly only explained by God's actions) prove that God exists. They argue that these events (like Jesus walking on water or people coming back from the dead) cannot be explained by science and that they must be the result of God's intervention. $\boxtimes$ Atheists argue that miracles are not more than happy coincidences and that they can be explained either by science or people being delusional or lying. |  |
| Special and General Revelation $* / 1 \mid 11)$ | Special Revelation <br> This is a form of revelation where God reveals themselves through remarkable experiences usually only open to one or a small group of people. These could be visions (seeing Mary, God or Jesus), dreams, miracles or hearing God's call directly. In the Bible Saul experiences a vision of Jesus on the Road to Damascus and this causes him to believe in God, change his name, and preach the Gospel | General Revelation <br> This is a form of revelation where God reveals themselves through ordinary experiences which are open to all people to experience. <br> This could be through nature where God's creation is revealed in the intricacy of the human eye or the beauty of the Grand Canyon. <br> It could be through scripture, God reveals much information about themselves in the Bible. |
| Nature of God | Omnipotent, Omniscient, Benevolent According to the Bible and Christian teachings, God is omnipotent (all-powerful), omniscient (allknowing) and benevolent (all-loving). | Problem of Suffering <br> This however leads to the Problem of Suffering. If God is all-powerful and all-loving why does so much suffering exist in the world? Some people see this as an argument against God's existence. |
|  | Personal vs Impersonal <br> Different Christians have different views on God with some seeing them as personal and some as impersonal. <br> A personal God has human characteristics and Christians can form a relationship with them through prayer. <br> An impersonal God is mysterious and unknowable and has no human characteristics. More like an idea or a force than a human being. | Transcendent vs Immanent <br> They also disagree about God's place in the world. A transcendent God exists beyond and outside of life on earth and is not limited by the laws of physics or the rules of time and space. An immanent God is active and involved in life on earth and can play a role in events that happen here. This could be through the Holy Spirit answering prayers for example. |



## La Tecnología y Mis Opciones

| Las Aplicaciones |  |
| :---: | :---: |
| Me gusta usar <br> Prefiero usar <br> Mi aplicación favorita es <br> TikTok/Instagram/Whatsapp <br> Facebook/Spotify/You tube | I like to use I prefer to use My favourite app is |
| ¿Por qué? |  |
| Porque puedo... <br> Ya que se puede.... <br> Dado que me chifla.... | Because I can... <br> Because you can... <br> Because I really love... |
| Actividades |  |
| subir videos <br> ver videos descargar música contactar a la familia escuchar música compartir fotos pasar el tiempo buscar información organizar salidas con amigos | (to) upload videos <br> (to) watch videos <br> (to) download music <br> (to) contact family <br> (to) listen to music <br> (to) share photos <br> (to) pass the time <br> (to) look for information <br> (to) organise outings with friends |
| Adjetivos |  |
| muy práctico/a <br> bastante popular <br> fácil a usar <br> un poco útil <br> gratis <br> muy rápido/a <br> a veces informativo/a <br> entretenido/a <br> peligroso/a <br> adictivo/a <br> te engancha <br> una pérdida de tiempo <br> amplio/a | very practical quite popular easy to use a bit useful free very fast sometimes informative entertaining dangerous addictive it gets you hooked a waste of time wide ranging/reaching |


| Las Ventajas / Las Desventajas |  |
| :---: | :---: |
| Las redes sociales <br> Las ventajas son que <br> Las desventajas son que <br> Lo bueno es que <br> Lo malo es que | Social networks/media <br> The advantages are that <br> The disadvantages are that <br> The good thing is that <br> The bad thing is that |
| Mi Ordenador |  |
| En mi móvil <br> En mi ordenador/computadora <br> En mi portátil <br> En mi Ipad <br> Descargo música <br> Chateo <br> Hago mis deberes <br> Compro regalos <br> Veo DVDs <br> Uso Facebook/Uso Twitter <br> Navego por internet <br> Juego con los videojuegos <br> Leo y escribo correos <br> Comparto fotos <br> Subo videos | On my mobile <br> On my computer <br> On my laptop <br> On my Ipad <br> I download music <br> I chat <br> I do my homework <br> I buy gifts/presents <br> I watch DVDs <br> I use Facebook / Twitter <br> I surf the Internet <br> I play videogames <br> I read and write emails <br> I share photos <br> I upload videos |
| Ayer |  |
| En linea ayer <br> Descargué música <br> Chateé <br> Hice mis deberes <br> Compré regalos <br> Vi DVDs <br> Usé Facebook/ Twitter <br> Navegué por internet <br> Jugué con los videojuegos <br> Leí y escribí correos <br> Comparté fotos <br> Subí videos | Online yesterday <br> I downloaded music <br> I chatted <br> I did my homework <br> I bought gifts/presents <br> I watched DVDs <br> I used Facebook / Twitter <br> I surfed the Internet <br> I played videogames <br> I read and wrote emails <br> I shared photos <br> I uploaded videos |


| Mis Estudios |  |
| :---: | :---: |
| Mi asignatura favorita es Soy fuerte en Soy débil en Saco buenas notas en Apruebo mis exámenes en Suspendo mis exámenes en | My favourite subject is I am strong in I am weak in I get good grades in I pass my exams in I fail my exams in |
| Personalidades |  |
| Soy comprensivo/a <br> Soy creativo/a <br> Soy trabajador/a <br> Soy hablador/a <br> Soy paciente <br> Soy fuerte | I am understanding I am creative I am hardworking I am chatty I am patient I am strong |
| Trabajos |  |
| ```Trabajo como camarero/a Trabajo de doctor/a bombero/a cocinero/a cartero/a profesor/a - maestro/a conductor/a peluquero/a abogado/a ingeniero/a``` | I work as a waiter/waitress <br> I work as a doctor <br> Fireman/woman <br> Chef <br> Postman/woman <br> Teacher <br> Driver <br> Hairdresser <br> Lawyer <br> Engineer |
| Planes del Futuro |  |
| Cuando sea mayor <br> Cuando termine mis exámenes <br> Cuando tenga veinte años <br> En el futuro <br> voy a ir a la universidad <br> me gustaría buscar un empleo <br> trabajar como voluntario <br> comprar una casa <br> comprar un coche <br> aprender a conducir <br> casarme <br> tener hijos <br> ser azafata <br> vivir en España | When I am older When I finish my exams When I am 20 years old In the future I am going to go to university I would like to find a job to work as a volunteer to buy a house to buy a car to learn to drive to get married to have children to be an air steward to live in Spain |


| Present Tense (actions completed in the present) |  |  |
| :---: | :---: | :---: |
| Infinitive (verb) | Take of the ending (AR/ER/IR) | Add the endings (I, YOU, HE/SHE, WE) |
| ESTUDIAR | ESTUDI | ESTUDIO / COMO / VIVO (I STUDY / EAT / LIVE) |
| COMER | COM | ESTUDIAS / COMES / VIVES (YOU STUDY / EAT / LIVE) |
|  |  | ESTUDIA / COME / VIVE (HE OR SHE STUDIES / EATS / LIVES) |
| VIVIR | VIV | ESTUDIAMOS / COMEMOS / VIVIMOS (WE STUDY / EAT / LIVE) |


| Preterite tense (actions completed in the past) |  |  |  |
| :--- | :--- | :--- | :--- |
| Infinitive <br> (verb) | Take of the ending <br> (AR/ER/IR) | Add the following endings <br> 'I' form (É/Í) 'We' form (AMOS/IMOS) |  |
| VISITAR | VISIT | VISITÉ (I VISITED) | VISITAMOS (WE VISITED) |
| COMER | COM | COMÍ (I ATE) | COMIMOS (WE ATE) |
| BEBER | BEB | BEBÍ (I DRANK) | BEBIMOS (WE DRANK) |


| Future Tense (actions that are going to happen) |  |  |
| :--- | :--- | :--- |
| English | Spanish | Example |
| I AM GOING TO | VOY A + INF. | VOY A ESTUDIAR / COMER / VIVIR |
| YOU ARE GOING TO | VAS A + INF. | VAS A ESTUDIAR / COMER / VIVIR |
| HE OR SHE IS GOING TO | VA A + INF. | VA A ESTUDIAR / COMER / VIVIR |
| I WOULD LIKE TO | ME GUSTARÍA + INF. | ME GUSTARÍA ESTUDIAR / COMER / VIVIR |

## YEAR 9 GRAMMAR MAT

| Definite Articles (used to indicate that a noun is a noun (the) |  | Indefinite Articles (used to indicate that a noun is a noun (a, some) |  |
| :---: | :---: | :---: | :---: |
| EL | THE | UN | A |
| LA | THE | UNA | A |
| LOS | THE | UNOS | SOME |
| LAS | THE | UNAS | SOME |
| Opinions <br> (used to state preferences) |  |  |  |
| ME GUSTA | I LIKE (singular) | ME GUSTAN | I LIKE (plural) |
| ME ENCANTA | I LOVE (singular) | ME ENCANTAN | I LOVE (plural) |
| ODIO | I HATE | ME CHIFLA/N | I REALY LOVE |
| DETESTO | I HATE | NO AGUANTO | I CAN'T STAND |
| PREFIERO | I PREFER | DIRÍA QUE | I WOULD SAY THAT |


| Adjectival Agreement |  |
| :---: | :---: |
| (Adjectival agreement means that the adjective 'agrees' |  |
| with the noun it's describing in gender and number) |  |
| El gatO viejO | The old cat |
| La chicA simpáticA | The nice girl |
| Los ojOS NegrOS | The black eyes |
| Las aulAS modernAS | The modern classrooms |



| Mes Choix |  |
| :---: | :---: |
| Les Applications |  |
| J'aime utiliser Je préfère utiliser Mon application préférée est ... | I like to use I prefer to use My favourite app is |
| Pourquoi? |  |
| parce que je peux parce qu'on peut parce que j'aime beaucoup | because I can... because you can... because I really love... |
| Activités |  |
| télécharger des vidéos regarder des vidéos télécharger de la musique contacter la famille écouter de la musique partager des photos passer du temps checher de l'information organiser des sorties | (to) upload videos <br> (to) watch videos <br> (to) download music <br> (to) contact family <br> (to) listen to music <br> (to) share photos <br> (to) pass the time <br> (to) look for information <br> (to) organise outings with friends |
| Adjectifs |  |
| très pratique <br> assez populaire <br> facile à utiliser <br> un peu utile <br> gratuit(e) <br> très rapide <br> Informatif/informative <br> divertissant(e) <br> dangereux/dangereuse <br> addictif/addictive <br> on devient accro <br> une perte de temps <br> efficace | very practical <br> quite popular <br> easy to use <br> a bit useful <br> free <br> very fast <br> informative <br> entertaining <br> dangerous <br> addictive <br> you become hooked/addicted <br> a waste of time <br> effective |


| Les avantages / Les inconvénients |  |
| :---: | :---: |
| Les réseaux sociaux <br> L'avantage c'est que <br> L'inconvénient c'est que <br> Le positif c'est que <br> Le négatif c'est que | Social networks/media <br> The advantage is that <br> The disadvantage is that The positive thing is that The negative thing is that |
| Mon ordinateur |  |
| Sur mon portable <br> Sur mon ordinateur <br> Sur mon ordinateur portable Sur mon ipad <br> Je télécharge de la musique Je tchatte <br> Je fais mes devoirs <br> J'achète des cadeaux <br> Je regarde des DVDs <br> J'utilise Facebook/Twitter <br> Je surfe l'internet <br> Je joue aux jeux-vidéos <br> Je lis et écris des emails <br> Je partage des photos <br> Je télécharge des vidéos | On my mobile <br> On my computer <br> On my laptop <br> On my Ipad <br> I download music <br> I chat <br> I do my homework <br> I buy gifts/presents <br> I watch DVDs <br> I use Facebook / Twitter <br> I surf the Internet <br> I play videogames <br> I read and write emails <br> I share photos <br> I upload videos |
| Hier |  |
| En ligne hier <br> J'ai téléchargé de la musique <br> J'ai tchatté <br> J'ai fait mes devoirs <br> J'ai acheté des cadeaux <br> J'ai regardé des DVDs <br> J'ai utilisé Facebook/Twitter <br> J'ai surfé l'internet <br> J'ai joué aux jeux-vidéos <br> J'ai lu et écrit des emails <br> J'ai partagé des photos <br> J'ai téléchargé des vidéos | Online yesterday <br> I downloaded music <br> I chatted <br> I did my homework <br> I bought gifts/presents <br> I watched DVDs <br> I used Facebook / Twitter <br> I surfed the Internet <br> I played videogames <br> I read and wrote emails <br> I shared photos <br> I uploaded videos |


| Mes études |  |
| :---: | :---: |
| Ma matière préférée est Je suis fort(e) en Je suis faible en J'ai de bonnes notes en Je réussis mes examens de J'échoue à mes examens de | My favourite subject is I am strong in I am weak in I get good grades in I pass my exams in I fail my exams in |
| Personnalité |  |
| Je suis compréhensif/ive Je suis créatif/ive Je suis travailleur/euse Je suis bavard/e Je suis patient/e Je suis fort/e | I am understanding <br> I am creative <br> I am hardworking <br> I am chatty <br> I am patient <br> I am strong |
| Emplois |  |
| Je travaille comme serveur/serveuse Je travaille comme médecin pompier/pompière chef facteur/factrice professeur/professeure chauffeur/chauffeuse coiffeur/coiffeuse avocat/avocate ingénieur/ingénieure | I work as a waiter/waitress <br> I work as a doctor <br> fireman/woman <br> chef <br> postman/woman <br> teacher <br> driver <br> hairdresser <br> lawyer <br> engineer |
| Projets pour l'avenir |  |
| Quand je serai plus âgé <br> Quand je finirai mes examens <br> Quand j'aurai vingt ans <br> À l'avenir <br> Je vais aller à l'université <br> Je voudrais trouver un emploi <br> traviller comme volontaire/bénévole <br> acheter une maison <br> acheter une voiture <br> apprendre à conduire <br> me marier <br> avoir des enfants <br> être steward/hôtesse de l'air | When I am older <br> When I finish my studies <br> When I am 20 years old <br> In the future <br> I am going to go to university <br> I would like to find a job <br> to work as a volunteer <br> to buy a house <br> to buy a car <br> to learn to drive <br> to get married <br> to have children <br> to be an air steward <br> to live in Spain |

Present Tense of regular verbs (actions completed in the present)

| Infinitive <br> (verb) | Take of the ending <br> (ER/IR/RE) | Add the endings (I, YOU, HE/SHE, WE) |
| :---: | :---: | :--- |
| ÉTUDIER | Add the following |  |
| endings: | J'ÉTUDIE / TU ÉTUDIES / IL/ELLE ÉTUDIE/ON ÉTUDIE |  |
| FINIR |  | JE FINIS / TU FINIS/IL/ELLE FINIT/ON FINIT) |
|  |  | J'ATTENDS/TU ATTENDS/IL/ELLE ATTEND/ON ATTEND |
| ATTENDRE |  |  |

Past tense (actions completed in the past)

| Infinitive (verb) <br> ER, IR and RE verbs | Write J'Al first | Add the past participle |
| :--- | :--- | :--- |
| VISITER | J'AI VISITÉ (I VISITED) | NOUS AVONS/ON A VISITÉ (WE VISITED) |
| FINIR | J'AI FINI (I FINISHED) | NOUS AVONS/ON A FINI (WE FINISHED) |
| ATTENDRE | J'AI ATTENDU (I WAITED) | NOUS AVONS/ON A ATTENDU (WE WAITED) |

The IMMEDIATE FUTURE (actions you are going to do soon)

| Choose 1 Key <br> Phrase | Add Any Infinitive (verb) ER/IR/RE Ending |
| :--- | :--- |
| Je vais (I am going) | ER - NAGER (to swim) JOUER (to play) DANSER (to dance) |
| Nous allons (We are <br> going) | VISITER (to visit) <br> IR - FINIR (to finish) CHOISIR (to choose) SORTIR (to go out) <br> RE - BOIRE (to drink) FAIRE (to do) PRENDRE (to take) |
| Je voudrais (I would <br> like) | Nous voudrions <br> (We would like) |

## YEAR 9 GRAMMAR MAT

Definite Articles (used to indicate that a noun is a noun (the)

## Indefinite Articles (used to

 indicate that a noun is a noun (a, some)| LE | THE (m/s) |
| :---: | :---: |
| LA | THE (f/s) |
| LES | THE (pl) |


| UN (m/s) | A |
| :---: | :---: |
| UNE (f/s) | A |
| DES (pl) | SOME |

## Adjectival Agreement

(Adjectival agreement means that the adjective 'agrees' with the noun it's describing in gender and number)

| Il est grand | He is tall |
| :---: | :---: |
| Elle est grandE | She is tall |
| Ils sont grandS | They are tall (males) |
| Elles sont grandES | They are tall (females) |

The SIMPLE FUTRE (actions you WILL do)

| Infinitives | Add an AI to ER and IR infinitives |  |
| :--- | :--- | :--- |
| JOUER (to play) | AI | I will play (Je jouerai) |
| FINIR (to finish) | AI | I will finish (Je finirai) |

RE verbs and irregular verbs are an exceptions to this rule.


## Programming

Programming is a set of instructions a computer uses to work and run correctly and efficiently. Without Programming most technology wouldn't exist!

Python is a high level programming language


We are going to continue using an IDE to write and produce code in IT this term.


Key terms

| IDE | Integrated development environment |
| :--- | :--- |
| Debugging | Getting rid of an error within a programme. |
| Algorithm | A method of planning a programme either using <br> Pseudocode or a flowchart. |
| Flowchart | A combination of shapes and arrows to demonstrate a <br> process within a programme |
| Pseudocode | A planning method used to write code where both English <br> and short script code is used. It is basically "fake code" |
| While Loop | A programme that repeats while the condition being tested <br> is true. |
| Iteration | Where something repeats several times. This occurs within a <br> loop. |
| Syntax error | The most common error in python where the programme <br> doesn't understand the code and can therefore not run it. |
| Logic Error | Logic errors in a program are mistakes in the algorithm you <br> have devised to perform the required task |
| Counter | Counter variable to say how many times the user attempted <br> the question |
| Compiler | A compiler or interpreter to translate your program into <br> machine code |
| Srror diagnostics | Used to point out syntax errors |
| Ahere you organise data in a way that allows the user to |  |
| search/find information easier. |  |



## Deliberate Practice

- Artist research - produce a google slide on an artist of your choice. Consider the style of the works, the techniques used and the way that the portrait is depicted.
- Select your preferred style and produce research page on this artist.


## Key Vocabulary

Self portrait, Proportion, Iris, Symmetry, Profile, Character Expression ,Tone, Form

## Proportion



Portrait - a painting, drawing, photograph, or engraving of a person, especially one depicting only the face or head and shoulders.


## Deliberate Practice- Drawing

- Practice drawing features of the face with accuracy Add tone through blending.

1. Draw an eye
2. Draw a nose
3. Draw lips


Design \& Technology - Control


Now try these

Place work against the support and hold tightly


Mitre Saw


Design \& Technology - Resistant Materials





KS3 Y9 Food Tech Knowledge Organiser


Food Provenance:
Where your food originally comes from

| Grown Food | Reared Food | Caught Food |
| :--- | :--- | :--- |
| includes fruits \& |  |  |

includes fruits \&
vegetables + vegetables + cereals: e.g. wheat, rice etc. 2 methods of farming: Intensive



When planning meals for special dietary needs it is essential that you first have a good understanding of


- YouTube loodtech 101




## Food Ethics

Food Ethics animals have rights,
the tasty ones? the tasty ones? What principles govern or determine the foods you eat?


Diet-Related Health Problems Diet-Related Heaith Problem
In many cases, making a few small changes In many cases, making a few small chang in our foods choices can have a massive
effect on our long term health \& well-being

|  | Obesity is very common. It <br> affects roughly one in every four <br> adults in the UK. |
| :--- | :--- |
|  | Coronary Heart Disease is when <br> the arteries which supply the <br> heart with blood narrow due to <br> fatty deposits |
|  | Type 2 Diabetes is a disorder <br> where blood glucose levels stay <br> too high because the pancreas <br> lan't produce enough insulin. |



Genetically Modified (GM) foods have had their genes altered to give it useful characteristics, such as colour. Disadvantages: long term
 health effects aren't known. Also modified Also modified
genes could genes could
affect other affect othe
non GM crops. GM can't be sold everywhere. The EU foods


Special Dietary Needs:


In sports, dietary needs can differ widely. Some need lots of protein to build muscle for strength, others focus more on carbs for endurance. Diets also vary widely between different religions. Some eat meat, whilst for others it may be otally forbidden or need to be taly People can choose a plant based diet for different reasons. Some for fordiferentreans reason: e.g. animal right etc. Allergies and medical issues can often lead to individuals requiring a special diet. E.g. coeliac's need to avoid food with gluten.


## Parklife - Blur



E Esus4 E Esus4
E B $\quad \mathbf{B} \quad$ B
All the people - so many people

$$
G \quad G(F \#) \quad G(E) \quad G(D)
$$

They all go hand in hand
C $\quad \mathbf{C}(B)$
$\mathbf{C}(\mathrm{A}) \mathbf{C}(\mathrm{Bb}) \mathrm{B}$
Hand in hand through their Park life

| NOTE OF <br> SCALE | CHORD NAME <br> Using notes Root, 3 and 5 |
| :--- | :--- |
| 1 | TONIC - E chord |
| 5 | DOMINANT - B chord |

Note not in the scale? No problem
MAJOR Root +4ST, +3ST
C chord
G chord
A sus 4 is adding the $4^{\text {th }}$ note of the scale
( ) means play the chord with the bass in brackets


## Don't Look Back In Anger Oasis

## C major scale



C
G
Am
E7
F G
Slip inside the eye of your mind don't you know you might find

$$
\begin{array}{lllll}
C & \text { Am } & \text { C } & \text { G }
\end{array}
$$

A better place to play
E7
You said that you'd never been
F
But all the things that you've seen slowly fade away

四 \begin{tabular}{|l|l|}

\hline | NOTE OF |
| :--- |
| SCALE | \& | CHORD NAME |
| :--- |
| Using notes Root, 3 and 5 | <br>

\hline 1 \& TONIC - C chord <br>
\hline 4 \& SUBDOMINANT - F chord <br>
\hline 5 \& DOMINANT - B chord <br>
\hline 6 \& MINOR - A minor <br>
\hline
\end{tabular}

Note not in the scale? No problem
MAJOR Root +4ST, +3ST
The above method would give you E minor but we need E major!
E7 add a flattened 7th


| Word | Definition | In a sentence | Synonyms |
| :---: | :---: | :---: | :---: |
| Accompanies | Verb: be present | The chordal piano part accompanies the vocal line | Goes along with |
| Bold | Adjective: something courageous; it goes against what is expected. | I admired the fact he used his song to speak over the music about British values. | Brave |
| Heartfelt | Adjective: moving, resonate. | The slow tempo, impassioned vocals and increasing dynamics were heartfelt. | Genuine |
| Nostalgic | Adjective: remembering moments from the past | I am a huge fan of Oasis. Their nostalgic style of music reminds me of when I was a child. | Reminiscent |
| Repetitive | Adjective: something which repeats itself | This seems straightforward to learn due to the repetitive nature of each part. | Monotonous |
| Represents | Verb: amounting to | The lyrics and music video represent British stereotypes such as drinking tea, mentioning the Queen. | Depicts |
| Riff | Noun: a repeated musical patter | The bass riff accompanies the melodic line | Ostinato |
| Upbeat | Something upbeat is optimistic in nature and cheerful. It brings good energy and good vibes. Essentially, it is very lively. | The audience prefers the songs have an upbeat, fast, tempo, major tonality and a lively feel to it. | Cheerful |
| Uplifting | Adjective: inspiring happiness, optimism or hope | "That was the perfect song to put in that scene. The uplifting melodies really helped bring the scene to life!" | Inspiring |



| YEAR 9 DRAMA KNOWLEDGE ORGANISER |  |
| :---: | :---: |
| TERM 1 - The Power of Theatre in Education |  |
| Theatre in Education | Theatre in Education (TIE) originated in Britain in 1965 and has continued into the present day. TIE typically includes a Theatre Company performing in an educational setting (e.g. a school) for youth including interactive performances. The aim of TIE is to educate students through Drama, to explore important and/ or relevant issues. |
| Verbatim Theatre | Verbatim theatre is a form of documentary theatre that is based on the spoken words of real people. Strictly, verbatim theatremakers use real people's words exclusively, and take this testimony from recorded interviews. |
| Too Much Punch For Judy | Written by Mark Wheeler in 1988, this hard-hitting verbatim play is based on a tragic drink drive accident that results in the death of the vehicle's front seat passenger, Jo. Her sister Judy, driving the car, escapes physically unhurt - but can never escape the consequences of her own reckless behaviour. |
| Mark Wheeller | Mark Wheeller is a writer and part time Executive Director of Arts at the Oasis Academy Lord's Hill and director of the Oasis Youth Theatre. Although his name is not well known outside of schools and colleges, he is one of the most-performed playwrights in Britain. |
| Dramatic Techniques |  |
| Marking the Moment | This is a way of highlighting the most important moment in a scene in order to draw the audience's attention to its significance. There are various ways of marking the moment: <br> - A still image might be used. Freezing the action at a particular moment fixes it in the minds of the audience and ensures its significance is not lost. <br> - The key moment may be repeated or played 'on a loop'. <br> - Slow motion could be used to highlight a key moment, so that it is not lost on an audience. <br> - Narration or a thought-track could be added as a commentary on what has just occurred. <br> - Lighting and sound. A spotlight can be used to direct the audience's focus towards the key moment and a sound effect can also draw attention to it. |
| Conscience Alley | A useful technique for exploring any kind of dilemma faced by a character, providing an opportunity to analyse a decisive moment in detail. The class forms two lines facing each other. One person walks between the lines as each member of the group speaks their advice. It can be organised so that those on one side give opposing advice to those on the other. When the character reaches the end of the alley, they make their decision. |
| Slow Motion | During part of a performance, the action is deliberately slowed. Often this is used to focus on a particular part of the improvisation. Sometimes scenes such as fights or races are shown in slow motion to give more visual impact. |
| Cross Cutting | Cross-cutting is a device to move between two or more scenes staged in the space at the same time. It's important that the audience know which part of the action they should follow so one part of the action remains in still image while another scene is played out, directing the audience's focus. |

