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| Year 8 ‘Must Know Knowledge’ | | |
| Over half term make sure you revise this. Read it, summarise it, get tested on it, turn it into a poster, mindmap or revision cards. This is the knowledge you must know and remember.  Enjoy your half term break knowing that you know the important stuff! | | |
| English  **Recall the definitions of the following vocabulary then write a sentence using a DAFOREST technique which links to the word.**  Ethos  Logical  Pathos  Rebuttal (to use in counter-argument)  Accomplish | Maths | Science  Respiration and breathing are NOT the same  The word equation for aerobic respiration in animal cells is…  glucose + oxygen 🡪 carbon dioxide + water (and energy released)  Inside cells respiration take place in the mitrochondria  The separation technique you would use to separate a mixture of two or more liquids is distillation In paper chromatography the mobile phase is known as the SOLVENT  Asound wave is LONGDITUDIONAL  Microwaves are TRANSVERSE waves |
| History  Germany lost World War One because...  - The United States entered the war on the Allies side in 1917, by mid-1918 they had over one million troops.  - German civilians were beginning to riot and strike as people became frustrated with the war and food shortages.  -  German soldiers had low morale.  - The German Kaiser (monarch) had abdicated (left the throne) – the new government wanted peace.  - Germany’s allies had been defeated or had signed agreements to end their part in the war. | Geography  Learn the  different  Biomes that  are in Africa  and where  they are  located | RE Buddhism  Must know how Karma influences afterlife: *Samsara*  **Karma**- the belief that actions have consequences. **Enlightenment/ Nirvana**- Buddhists believe the cycle of Samsara can be broken if they can achieve enlightenment/ Nirvana. |
| Spanish  Learn this vocabulary:  me duel**e**(el pie) = I have a sore (foot) (singular)  me duelen (los pies) = I have sore (feet) (plural)  this = este (masc) / esta (fem)  these = estos (masc pl.)  estas (fem pl.)  hace dos años que juego = It's been 2 years since I've been playing (use present tense in Spanish) | Music | Drama  **Greek Theatre**   * Tragedy, Comedy and **Satyr**   Mask Theatre Tragedy Comedy - Dinner Theatre Cliparts png download ... (Tormenting  those in power)   * Stories are often using Greek Myths e.g. Hercules/ Prometheus. * Greek Chorus: Unison/ Canon/ Echo * Huge festivals were held where thousands would be entertained. |
| Art | Computing  When converting **Binary to Denary** you use the **place values**. The one furthest right will be one and then each place value will times by 2. From there you can just add up the column numbers where a 1 appears below. | PE  Understand and apply the short-term health benefits of physical activity.  How to measure Resting Heart Rate - Count pulse rate for 15 seconds, multiply by 4.  How to calculate. Maximum Heart Rate – 220 minus your age.  Recovery Heart Rate – the time it takes for your heart to return to resting after exercise. |
| Return your revision of this essential knowledge to your teacher on your return for a reward for being **positive, *ambitious, resilient and thoughtful.*** | | |