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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  **Revise the definitions of the following vocabulary and write a sentence, for each of the words, linked to the speeches that you have studied this term.**  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  Asound wave is LONGDITUDIONAL |
| History  **World War One started because ...**  **Militarism -** The attempt to build up a strong army and navy gave nations the means and will to make war. **Alliances** - Germany, Austria-Hungary and Italy formed the Triple Alliance. France, Britain and Russia had all joined the Triple Entente.  **Imperialism** - The desire to conquer colonies, especially in Africa brought the powers into conflict.  **Nationalism -** The belief that your country is better than others. This made nations assertive and aggressive. | Geography      Know at least **5 countries** and **5 seas** and **oceans.** | RE  **Buddhism**  Must know the cycle of **Samsara**: |
| Spanish  Learn this key vocabulary:  I have a sore (head) = me duele la cabeza  I have a cough = tengo tos  give me = deme  you must/have to = debes  you must drink water = hay que beber agua | 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 = Narrators * Huge festivals were held where thousands would be entertained |
| Art | Computing   * All computers have **circuits/transistors** that allow electricity to pass through them. * A **microchip** is a group of tiny circuits that help a computer or other digital device to work. * **Electricity** is needed for computers to work. * **Binary** code tells the circuits/ transistors when to turn the different parts of a computer on or off. ‘On’ is represented by ‘1’ and ‘off’ is represented by ‘’0’. | 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. |
| Return your revision of this essential knowledge to your teacher on your return for a reward for being **positive, *ambitious, resilient and thoughtful.*** | | |