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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.**EthosLogicalPathosRebuttal (to use in counter-argument)Accomplish | Maths | ScienceRespiration and breathing are NOT the sameThe word equation for aerobic respiration in animal cells is…glucose + oxygen 🡪 carbon dioxide + water (and energy released)Inside cells respiration take place in the mitrochondriaThe 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 SOLVENTAsound wave is LONGDITUDIONALMicrowaves are TRANSVERSE waves |
| HistoryGermany 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. | GeographyLearn thedifferentBiomes thatare in Africaand wherethey are located | RE BuddhismMust 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. |
| SpanishLearn 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.
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| Art | ComputingWhen 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.  | PEUnderstand 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.*** |