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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.**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 distillationAsound 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**: |
| SpanishLearn this key vocabulary:I have a sore (head) = me duele la cabezaI have a cough = tengo tosgive me = demeyou must/have to = debesyou 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
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| 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’.
 | 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.

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| Return your revision of this essential knowledge to your teacher on your return for a reward for being **positive, *ambitious, resilient and thoughtful.*** |