# How to support your child with revision







# Purpose of the session

 To find out different ways you can support your son/daughter with GCSE revision at home.

- Find out some revision techniques that can be applied across the curriculum.
- To answer any questions you have about revision techniques



"No-one ever left an exam wishing they had revised less"



# General tips

- Hours of 'cramming' doesn't work. 20 minute stints are recommended.
- Re-reading, highlighting material and watching videos are popular BUT...the brain needs to 'DO' something with information! (build the muscle – make it work)
- Don't just stick with one technique if it doesn't work, try something else!



# General tips

- Encourage your child to review what their priorities for revision are. What is it that they struggle with the most? Start with this!
- Encourage your child to create a revision timetable and start early.
- Remove distractions, such as TV and mobile phone.
- Stay healthy. Exercise, eat well, sleep well and drink lots of water.

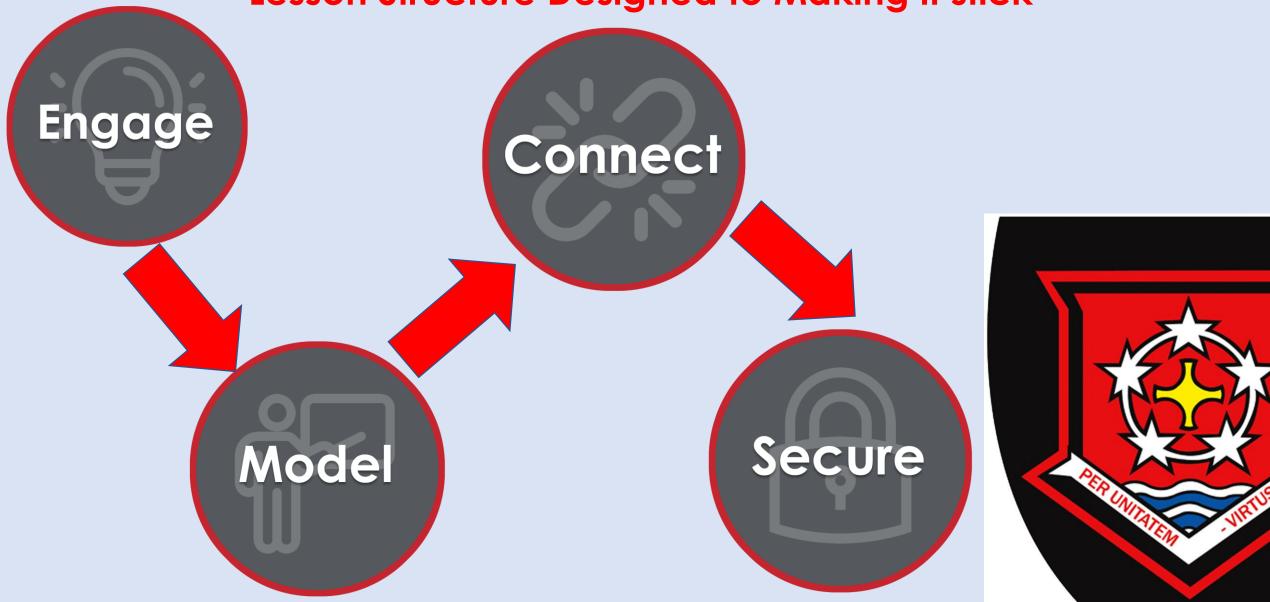


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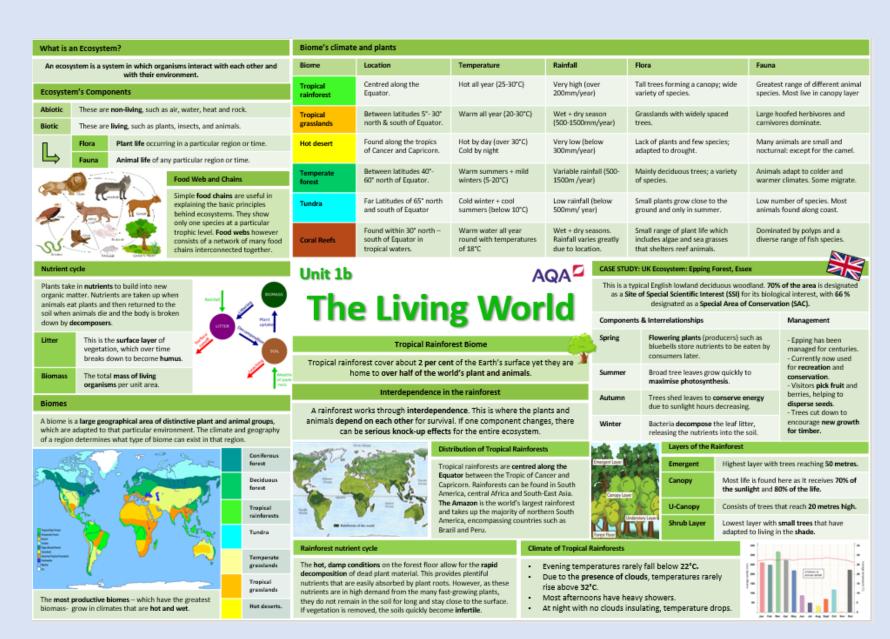
Lesson Structure Designed to Making it stick



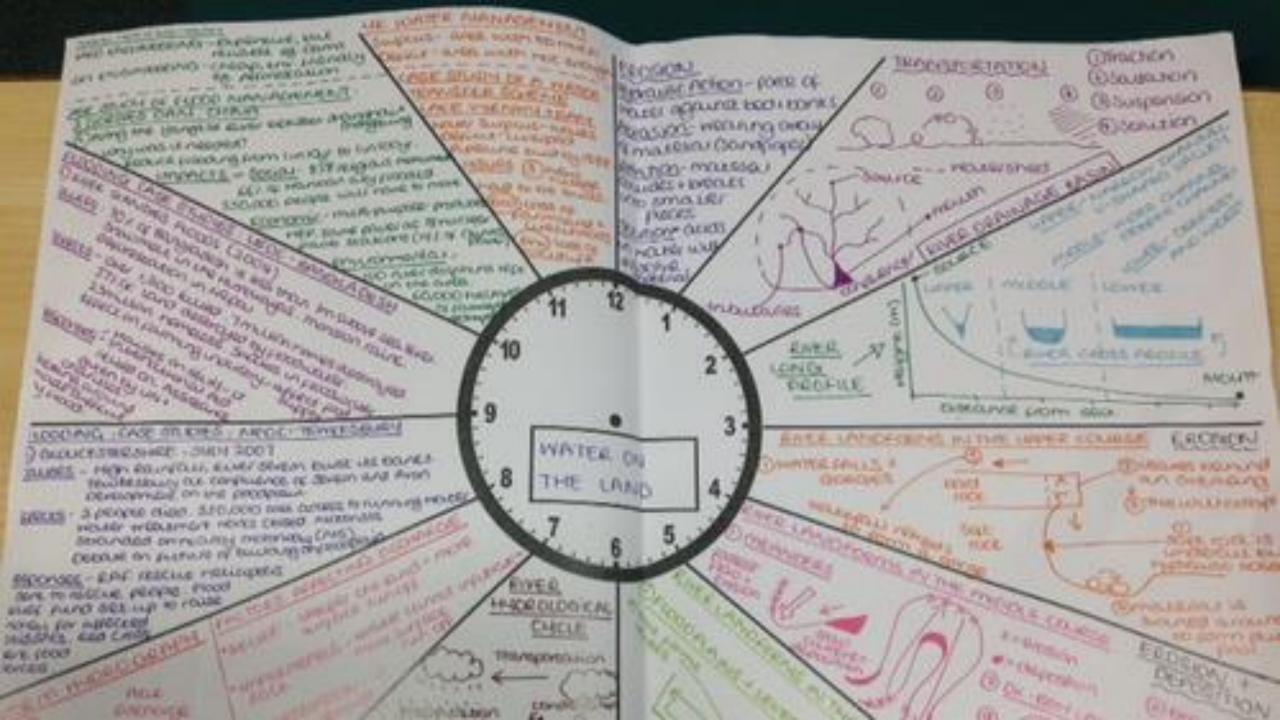
# Revision clocks

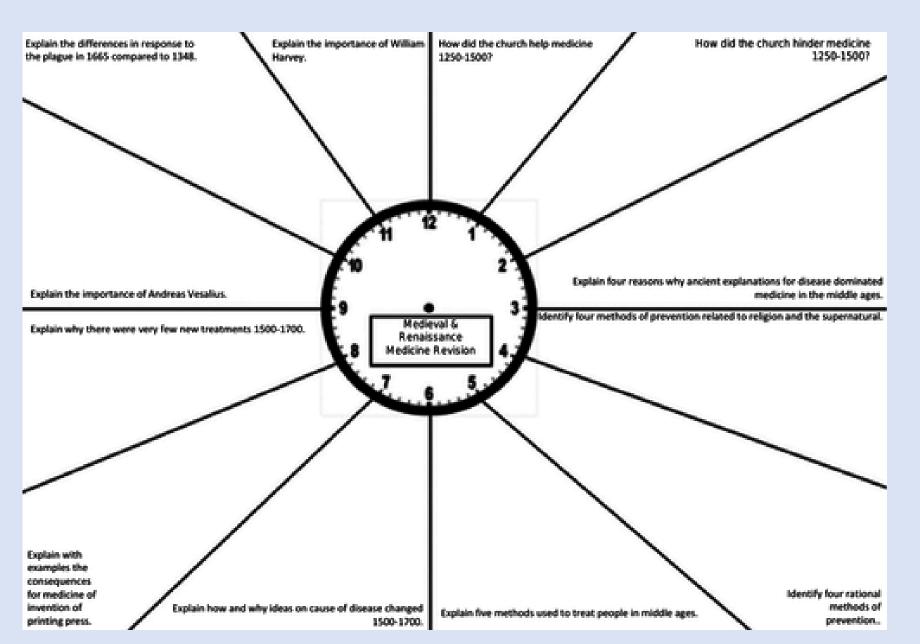
Revision clocks are a great way of breaking down information in up to 12 manageable chunks. By breaking down an area you are revising, it allows you to see the big picture, as well as focus on the important aspects of the unit. By spending 5 minutes on each chunk it helps keep you focussed and makes revision more manageable.









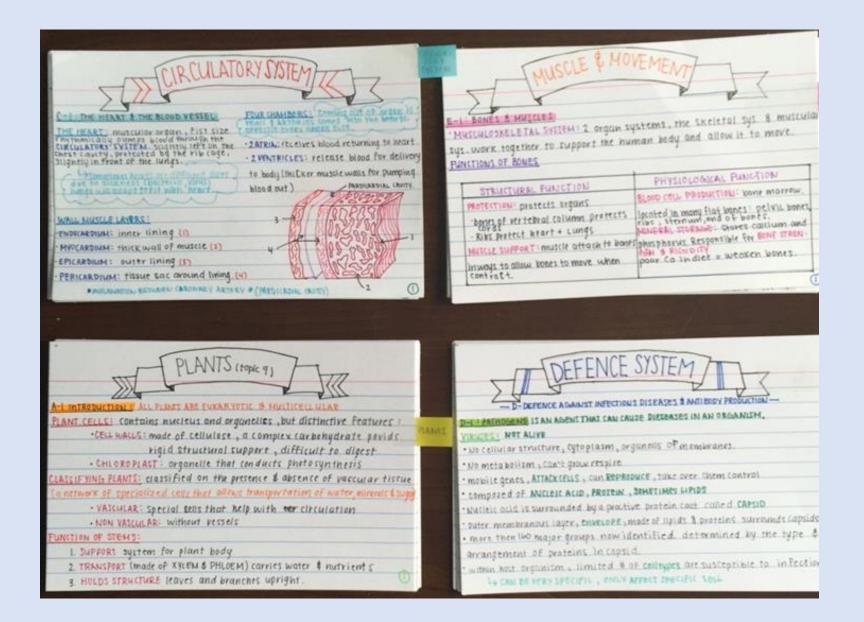




### Flash cards

Revision cards are small, double-sided flashcards that emphasise key information. They usually mention the topic/question on one side and important details, keywords, mnemonics, etc. on the other. This helps the brain make better connections between those two pieces of information





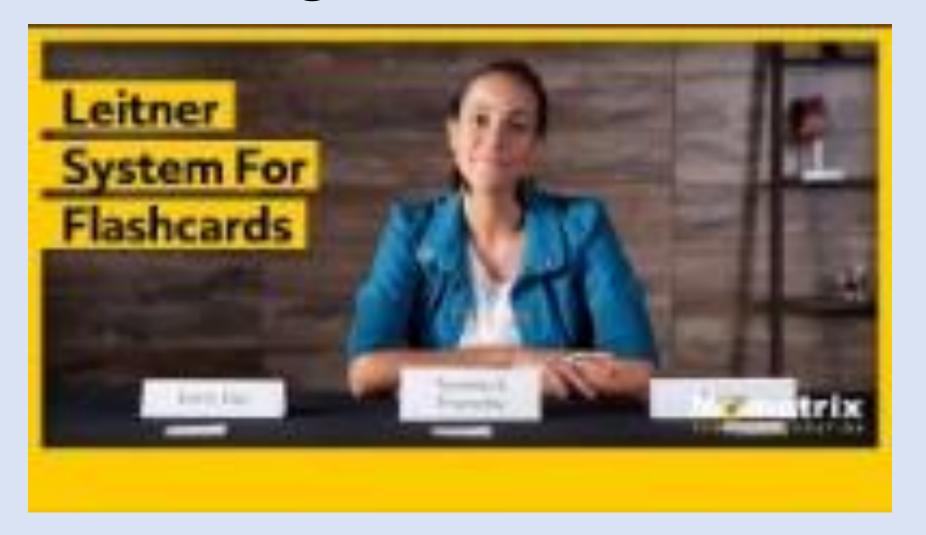


### Flash cards

- Flash cards can be bought or made
- Use colour to separate and organise ideas
- Use images and text
- Don't overload
- Make as neat as possible
- Spread large topics over multiple cards
- Place quiz questions on the back of them and quiz in pair



# Taking Flash cards further

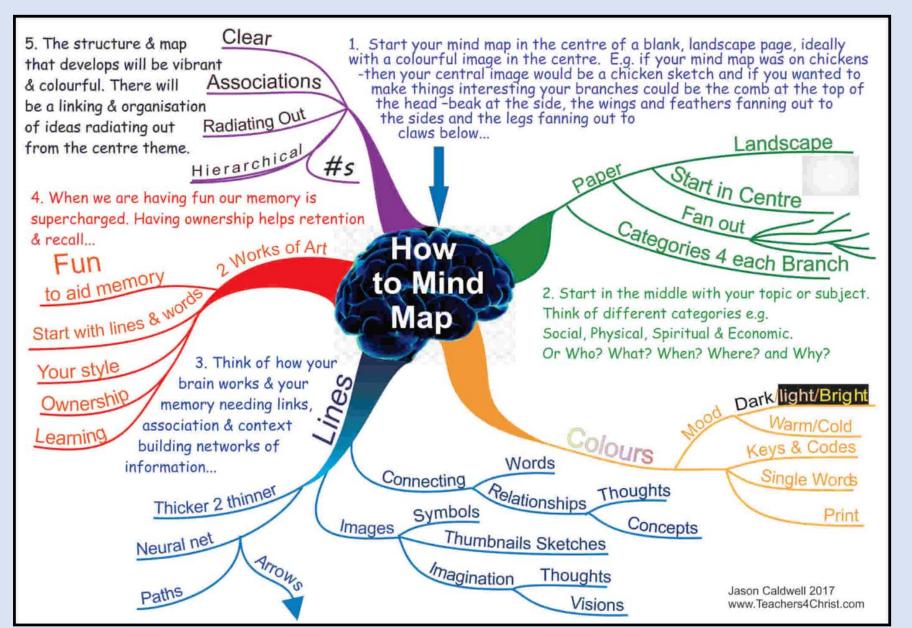




# Mind mapping

Mind maps provide a structured way to capture and organise ideas and information. They help users to understand concepts by breaking them down into their component parts. The technique is used to develop new ideas, or to break down and better understand existing information. Mind maps help you to see how information fits together.



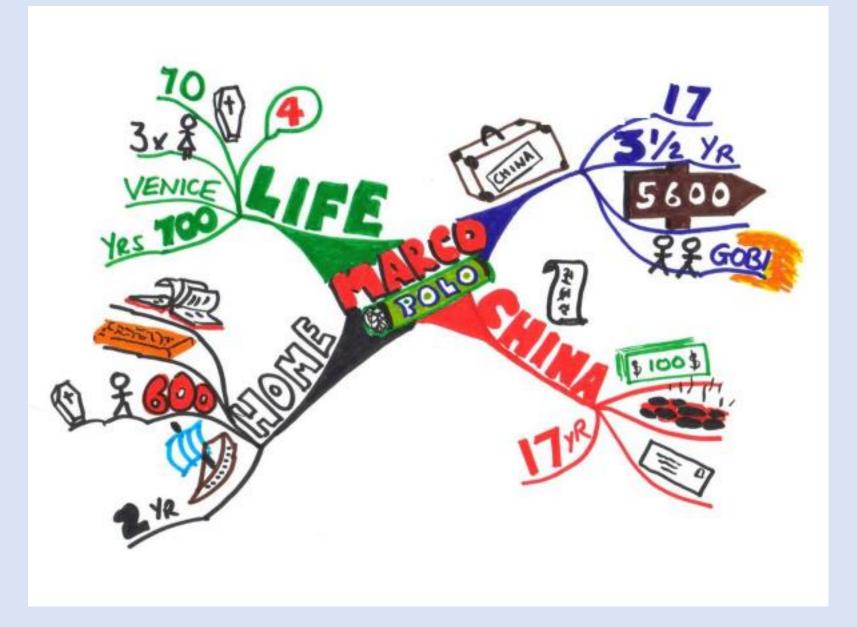




#### MARCO POLO 1254-1324

Marco Polo was an explorer who lived over 700 years ago in the city of Venice. His Father and Uncle were great travellers who had travelled to China when Marco was very young. When he was 17 he accompanied them on their return to China. The trip was very long and it took 3 ½ years to travel over 5600 miles. It was perilous, especially when they had to cross the Gobi Desert. Once in China seeing paper money and coal for the very first time fascinated Marco Polo. He was also impressed with the Imperial Postal service that had 3 levels. To send a "Second Class" letter, you gave it to foot-runners that ran between relay stations about 3 miles apart. They wore bells around their waists so that as they approached the relay station, someone would be ready to take the message on to the next station. "First Class" business post was carried on horseback between staging posts 25 miles apart. Really important Imperial business was carried on horseback by the same courier, stopping only to get a fresh horse. Marco Polo and his Father and Uncle stayed in China for 17 years before they returned to Venice. This time they travelled by sea but it took them 2 years and over 600 passengers and crew died on the voyage. They were assisted on their travels by carrying a special Golden Tablet that guaranteed their safe passage. On his return to Venice Marco Polo wrote a book but because no one had ever travelled that far east before, many of his tales were seen as lies. It was only in the last century when parts of China were revisited by westerners for the very first time since Marco Polo that his stories were found to be true. Marco Polo spoke 4 languages, was 70 when he died in his home city of Venice and he had 3 daughters.







#### **Albert Einstein**

Einstein was born in <u>Germany</u> in <u>1879</u>. As a child, Albert <u>hated school</u> and his teachers thought he was rather <u>"stupid"</u>. In fact he was asked to leave school because his teachers found him disruptive. He was a very <u>curious</u> child and wanted to know how everything worked. When he was <u>five</u> years old, his father gave him a <u>compass</u>, which he loved and took apart to understand how it worked. When he was <u>12</u> he was given a <u>geometry book</u>, which he read from cover to cover, and so began his <u>love</u> of <u>maths</u>.

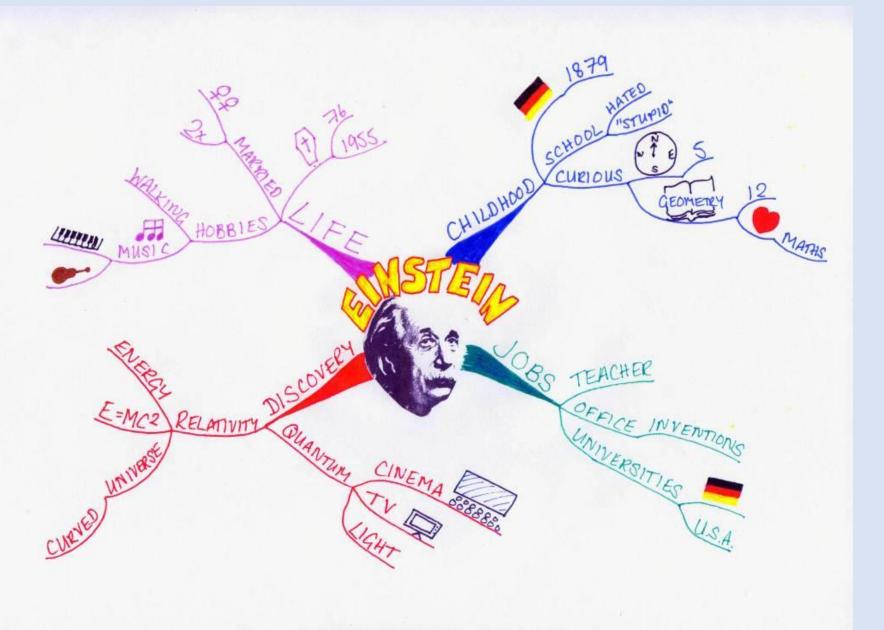
Einstein had several jobs. His first, ironically, was as a <u>teacher</u>. At first he failed the exam, but persisted and got the job. He then went to work in a patent <u>office</u> where he would look at new <u>inventions</u>. When his scientific papers became well-known, he was actively sought after by many <u>universities</u>. He worked in <u>German</u> universities for 17 years, until the Nazi reign, when he fled Germany because he was a Jew. He went to work at Princeton University in the <u>USA</u> for the rest of his life.

He made some amazing <u>discoveries</u> in his work, that changed much about the world. His first scientific paper was his <u>Quantum</u> Theory. He discovered that <u>light</u> travelled not only in waves, as previously thought. This discovery later led to the <u>invention</u>s, by others of the <u>cinema</u> and <u>television</u>. His second major discovery was his theory of <u>Relativity</u>. Daydreaming one afternoon, he imagined travelling on a beam of light, and dreamt that the <u>universe</u> is <u>curved</u>. This daydream led to his famous theory, <u>E=MC2</u>, and has led to many inventions for creating more powerful <u>energy</u>.

Although Einstein worked hard his whole life, he also had many things he enjoyed, and contributed them to his great brain. He loved <a href="mailto:music">music</a> and played both the <a href="mailto:violin">violin</a> and <a href="mailto:piano">piano</a> to a very high standard. He went <a href="walking">walking</a> every day to relax and daydream and keep fit.

Einstein married twice, and with his first wife had two sons. He died in 1955 at the age of 76.







# Any questions?

