

# GCSE Support and Guidance: Revision and Examinations

26 September 2017



## **GCSE**

- REAL Exams all at the end!
- Non-Examined Assessment

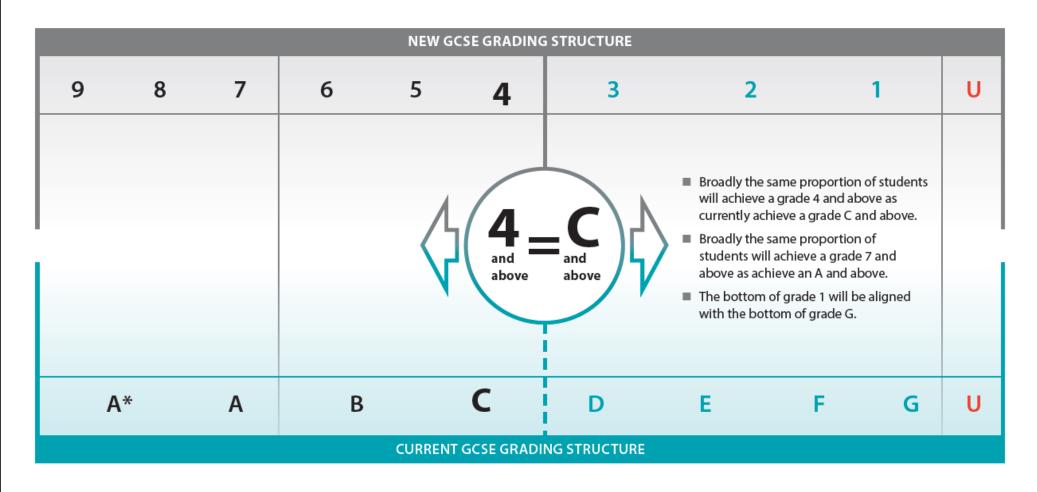
What can WE do to help ensure success?



## THE NEW GCSES

### **Grading the New GCSEs in 2017**







## **Ofqual Guidance**

- Broadly the same proportion of students will achieve a grade 4 and above as currently achieve a grade C and above – referred to as a 'Standard Pass'
- Broadly the same proportion of students will achieve a grade
   7 and above as currently achieve an A and above
- For each examination, approximately the top 20 per cent of those who get grade 7 or above will get a grade 9 – the very highest performers
- The bottom of grade 1 will be aligned with the bottom of grade
- Grade 5 will be positioned in the top third of the marks for a current Grade C and bottom third of the marks for a current Grade B – referred to as a 'Strong Pass'



## **Criteria for Success**

- High aspirations
- Setting challenging but achievable targets
- Good habits & routines
- Work ethic
- INDEPENDENT LEARNING
- Emphasis on quality
- Active revision



## **Effort Grades**

Effort comments are as follows:

- 1. Exceptional levels of effort.
- 2. Good levels of effort.
- 3. Can work well, but sometimes not to his full potential.
- 4. Inconsistent levels of effort often lacks enthusiasm and commitment.
- 5. Makes little or no effort



## STUDENT A



Subject	Y10 Aut 1 Attain- ment	Y10 Aut 1 Effort	Y10 Aut 2 Attain- ment	Y10 Aut 2 Effort	Y10 Spr Attain- ment	Y10 Spr Effort	Y10 Exam	Y11 End of Year Target
English	8	2	8/9	2	8/9	2	8	8/9
Geography	8	1	8	1	6	2	7	8
Resistant Mats	6	2	7	2	8	1	8	8
Mathematics	7	2	7	2	7	2	9	8
French	6	2	6	2	6	1	7	8
German	6	2	6	3	7	2	7	7
Philosophy	7	2	6	2	8	1	8	8
Biology	8	2	8	2	8	1	8	8/9
Chemistry	8	1	8	1	8	1	9	8/9
Physics	8	1	8	1	8	1	8	8/9

Attendance	96.7%
C2 Behaviour Events	0

### **STUDENT A**



## **STUDENT B**



Subject	Y10 Aut 1 Attain- ment	Y10 Aut 1 Effort	Y10 Aut 2 Attain- ment	Y10 Aut 2 Effort	Y10 Spr Attain- ment	Y10 Spr Effort	Y10 Exam	Y11 End of Year Target
English	6	2	6	2	6	2	5	6
Geography	6	2	5	2	4	3	4	6
Resistant Mats	6	2	5	2	4	3	3	6
Mathematics	5	2	5	2	4	3	3	7
French	4	2	4	2	4	2	3	7
Business	7	2	5	2	3	3	3	6
Philosophy	6	2	4	2	3	4	3	6
Biology	8	1	7	2	7	2	5	7
Chemistry	8	1	8	2	7	2	6	7
Physics	6	2	6	2	6	2	5	7

Attendance	85.7%
C2 Behaviour Events	6

### **STUDENT B**



## If your son is under-achieving:

- Ideally, he should know what he needs to do to improve
- Is independent learning or class work incomplete or to a poor standard?
- Is quality of factual support in answers too brief?
- Is lack of organisation a factor?
- Time wasting in class?



## Intervention

 Subject underachievement is dealt with by the Heads of Subject (in a range of ways)

BUT if your son is under-achieving in a number of subject areas, there are a range of options open to us:

- Report
- Meeting with parents
- If your son is underachieving across the board, he may enter a MENTOR PROGRAMME
- The mentor may be the Form Tutor, a Learning Support Assistant, Head of Year, Pastoral Leader or member of the Senior Team



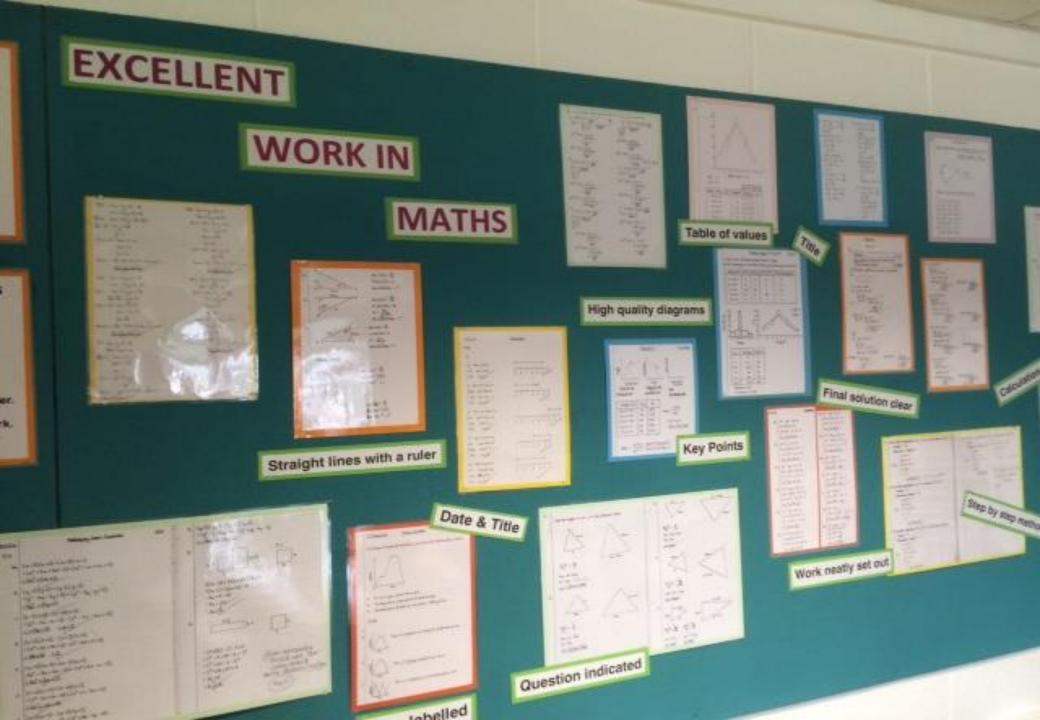
# Supporting Together – Key Dates

- Progress Grades reported three times a year October, January, April
- Progress Grade Reviews
- Year 10 exams w/c April 16 and 23 2018
- Year 10 Parents Evening Wednesday 22 November 2017, 4.30pm
- Annual School Report Friday 9 March 2018



# Common features of the most successful students...

Avoiding 'That will do!' – An ethic of excellence.

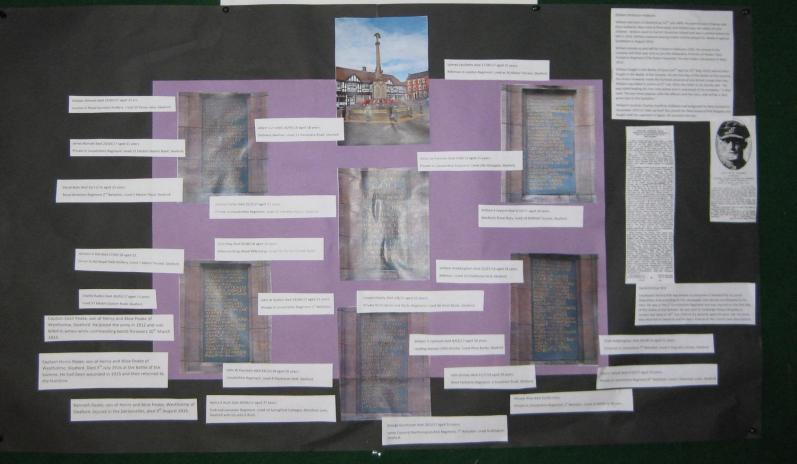






#### Carre's Grammar School

Year 9 First World War History Project



#### Hurricanes

Harrivanes are a gipentic store cauging to show 7000m, which came has destruction in torses and cittee Harrivanes are caused when a lost air prochet (wavels over a warm occase (25-30 degrees), which then causer rapid expensation. A long amount of commonstrations according to the cause of th

Harricanes, Cyclones and Typhonons are the same raging storms but have different names depending on what part of the world the scorm was in Harricanes are in the Cartificen and southern (IR, Typhonons take place in the West Pacific and Cyclones are in the Indian Ossan, Africa and Australia.

The impact that some burricanes can been on consent cities and towns can be very earliern. Strong winds can blove cars off the road and destroy buildings as well as rip trees from the ground. Storm our ges, caused by wind, can also wreck houses and draw towns our ges, caused by wind, can also wreck houses and the storm accommunity with its own debres. Most people are killed by the storm surges and flash floods, as they cannot escape the horrite curse.

The Saffir Simpson scale measures hurricanes. This scale ranger from a category I (weakest), to a raging category 5 (strongest). Which in a category 5 can reach up to a whopping 160mph the speed of an aircraft taking off.

To prepare for a hurricane you should bring in all outdoor furniture, board up all windows, fasten your roof, create a basic supplies let and think of an emergency plan for your family. You should also listen to authorities as they will most likely evacuate out for any weather reports.

On August 20° 2005 Harricane Katrina (one of the most extreme harricanes) struck the Gulf of Mexico and Caribbean. Katrina was a raging category 5 with extremely powerful winds up to 175mph. It affected some 90,000 square miles of the USA and cilied nearly 2000 residents with a further 34,000 people.

#### Tornadoes

A tornado is formed when hot and cold air meets with a large difference of temperature. The hot air rises rapidly and condenses quickly soon forming many cumulonimbus clouds. The wind then blows the mixture of clouds. A tornado is then ormed in a spiral shape.

Fornadoes can form anywhere in the world but normally form in regions with flat, dry terrain. The most devastating tornadoes form in Tornado valley, a place in the US that includes Northern Fesas, Oklahoma, Kansas and Nebraska.

The Impact that tornadoes have on communities is devastating. They can push moving cars off roads, demolish mobile homes, tear roofs off houses, throw trains over and lift a whole house and carry it. However, their path of destruction is fairly narrow at approximately 50m wide.

The Fujita scale measures the strength of a tornado. This scale ranges from an F1 (weakes) to an F5 (strongest). Winds in a F5 can reach up to an amazing speed of 300mph the speed of the eastest train on earth!

The main rules to survive a tornado is get in, get down and cover up. You should listen out for any TV or radio reports as well as a iren. If you have any internal rooms in your house you should o to them immediately to ensure that any debree doesn't hit ou. During a tornado make sure that you are always on the ound floor of your house. Because tornadoes happen so fast see is very little authorities can do to help, but you should ways listen to them if they have any advice.

999 one of the most extreme tornadoes struck Oklahoma. A m of 65 tornadoes were found in a 150 mile belt, which responsible for 45 deaths and a further 8000 buildings ged. This tornado was an F5 and was the first 'One Billion

## Extreme weather

### Torrential rain/Flooding

Torrential rain is extremely heavy rain that can cause serious fluoding and destruction to communities. One of the main causes of fluoding is a river huseiting its braids, however the prime cause of fluoding is to resultal sain. Forevettal rain tinks closely with monston. A moresson is much like convectional rainfall regid monston, a more large to the regidence of the properties of seating many clouds resulting in heavy rainfall, however exportant on seating many clouds resulting in heavy rainfall, however exportant on seating many clouds received of the

Heavy rainful often occurs in low-tying areas close to streams and rivers. It can normally occur anywhere with the correct weather conditions however there are some countries that outlier from it the conditions however there are some countries that outlier from it the conditions however there are some countries that arise and flooding but monocome usually form over the indian Ocean meaning flooding but monocome united from monocome.

then a country is excuck by torrential rain or flooding the aftermath an be tegge. Flash floods occur and rivers burst their banks, which ances lots of destruction or a community thouses and buildings are last royed leaving people started and homeless. Due to the amount of water on the ground, the sewage over flows and the water, becomes contaminated meaning that it is not safe to drink. Electricity becomes contaminated meaning that it is not safe to drink. Electricity and the safe of the safe and the safe of the safe to be the safe.

Torrantial rain and flooding is measured by the amount of water left, on the ground after it has stopped precipitating. A rain gauge is used to measure it, which uses mm as the unit of measurement. The world record held for the most amount of rain in one day was 1075mm-45 and less?

o prepare for terrential rain you should repair estating flood branks necesse the amount of pumping, listen out for any flood warnings, thus all the windows in your house and put sandbags next to any doors. Listen to authorities, as they will most likely take a plan of action for the community.

in January 2011 one of the most extreme precipitation and flooding book place in Brishane, Australia, which lead to ZZ deaths and a further 40000 were evacuated 200000 people were affected by this

#### Lightning

sightning is a strong electrical current that can cause damage and can come in different forms. Lighting is formed when the hot ground hears the air above it; causing it to rise. As the warm air rises it cools down forming many clouds and as the air gets higher the water vapor begins to freeze and turns into ice. In the cloud, lots of small bits of ice crash together, (which is the cause of thunder) and this can produce an electrical current. Eventually, when the whole cloud fills will electrical charge, lightning is formed.

Lightning strikes mostly in places with warm, dry terrain however it can appear anywhere, except in some places it is more extreme. The USA is a very common place for lightning, with, on average, 70 lightning flashes per kinz within a year in New York alone. It is estimated that the Empire State building gets struck on average 25 times a year Lightning is also very common in Central Africa, Dubai

Lightering is not normally threatening or destructive to a community, however in some occasions it can be. Lighting can strike planes, ships and buildings, as it strikes the chieset that is closest to it. It can cause wild fires and destruction to buildings or houses, which could lead to death. In an unfortunate occasion an electrical current can strike a person, meaning that their heart could stop beating.

The force of the electrical charge is what is used to measure lightning. It is measured using the unit of measurement called volts.

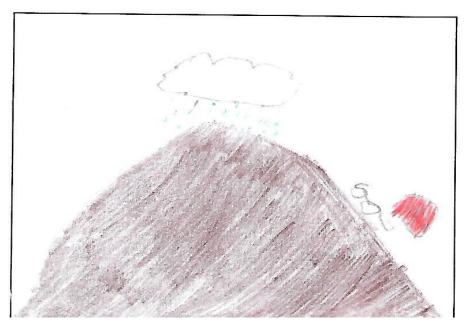
The main advice given to protect yourself from lightning is never hide under a tree as it could be the highest object, instead if you find yourself outside during a thunder storm get as low to the ground as you can, without laying down. If you are indoors you are genuinely safe, however you should turn off all electrical items until the stort is over. If you are in a car, you don't have to worry, as it is one of the safest places you can be when lightning stribes.

Technically there lan't a most extreme case of lightning, however, there have been times in the past where a lot of people have die from lightning. For example, the most deaths from lightning in a lower in 1943 when 437 people were killed.

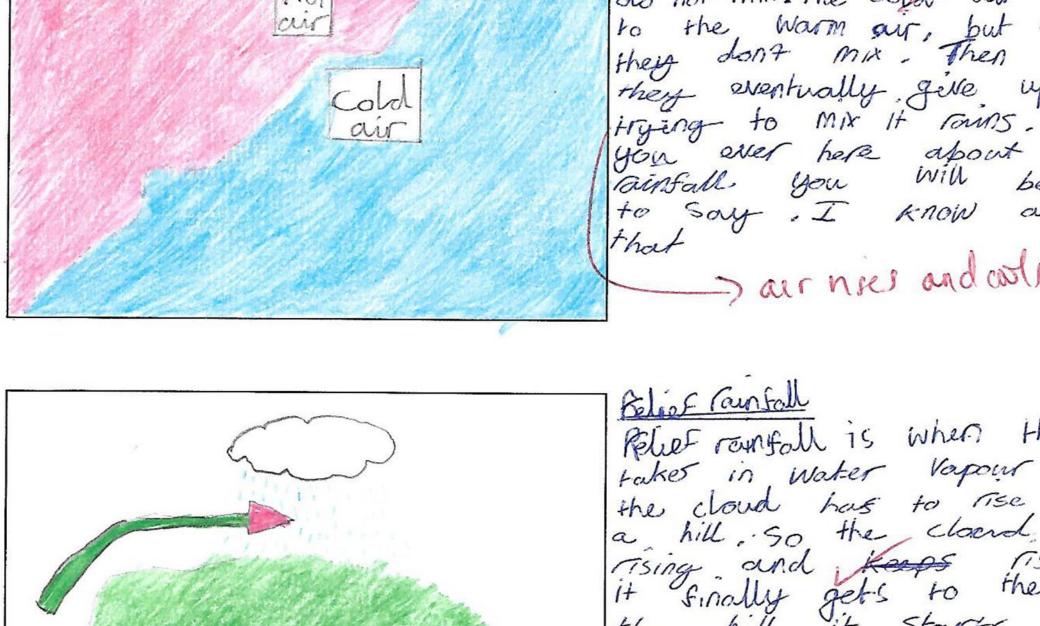




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# Common features of the most successful students...

- Avoiding 'That will do!' An ethic of excellence.
- Good attendance
- Homework
- Progress grades areas to improve upon?
- Plan time carefully
- Things to look forward to
- Reviewing information and ideas start early



## GCSE assessment approach....

- Exams at the end of Year 11.
- Controlled assessments have gone!
- Consistently high standards needed.
- Strategies that allow students to remember and apply a large body of material effectively...



## Did you know that....?

- 70% of what you learn today you will have be forgotten tomorrow.
- Why is this the case?



## Why do we forget?

- Poor understanding.
- Poor attention.
- Physical state tiredness, anxiety, emotions, mood and stress.
- Interference new information being confused with existing information.
- Poor learning strategy not having cues or memory triggers to unlock and retrieve the facts.
- Improper organisation trying to cram too much information into your memory without sorting it into categories.



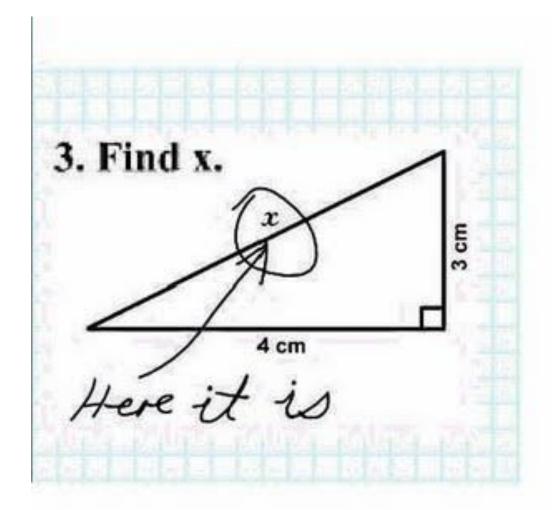
## We will look at....

- Why you should revise.
- Where you should revise.
- When you should revise.
- The TOP TIPS on ..... how you should revise.



## We are trying to avoid this....







How do you identify athlete's foot?

It's on the end of athlete's log.



© Richard Bensor



Where was the American Declaration of Independence signed?

At the bottom.

+ + + +

Explain the phrase 'free press'.

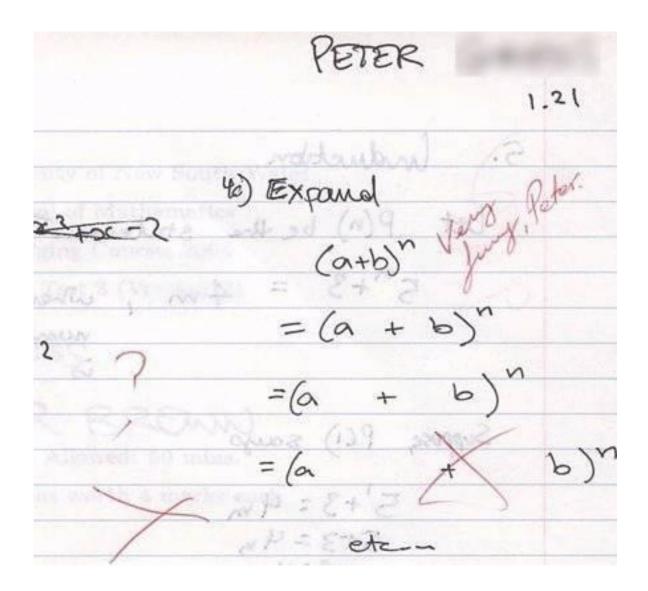
When your mum irons torousers for you.



Name six animals which live specifically in the Arctic.

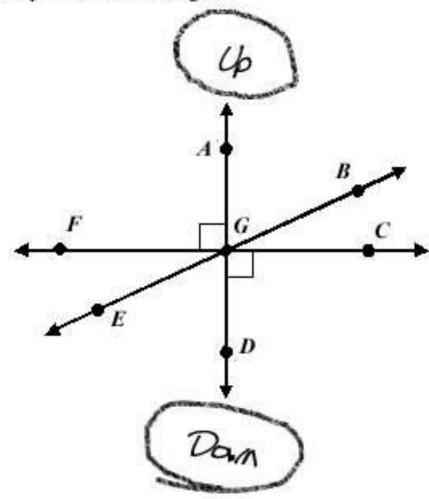
Two polar bears Three four Seals



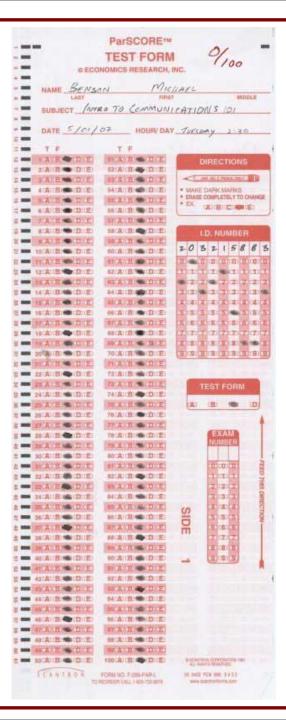




1. Name a pair of vertical angles:









Using supply and demand, explain the increase in the price of petrol.

PETROL STATION OWNERS

DEMAND THAT DRIVERS

SUPPLY THEM WHIM MORE

MONEY



Name one measure which can be put into place to avoid river flooding in times of extensive rainfall (e.g. in Mississippi).

Flooding in areas such as the mississipping may be avoided by placing a number of big dames into the river



## Why should you revise and review?

- Your brain forgets details of work that was done months ago, but....
- You need these details to tackle the requirements of the exam, so....
- You need to 'top up', using the correct revision technique and strategies.



### Where to revise?

- A quiet room away from distractions.....
- Warm and well lit.
- Close to organised revision notes, books and folders – everything together.
- Near a clock for timing.





## When should you revise and review?

- Early evening whilst your brain is not too tired.
- During study leave/ weekends when do you work best?
- Divide the day into three parts and use two of these per day (timetabling)

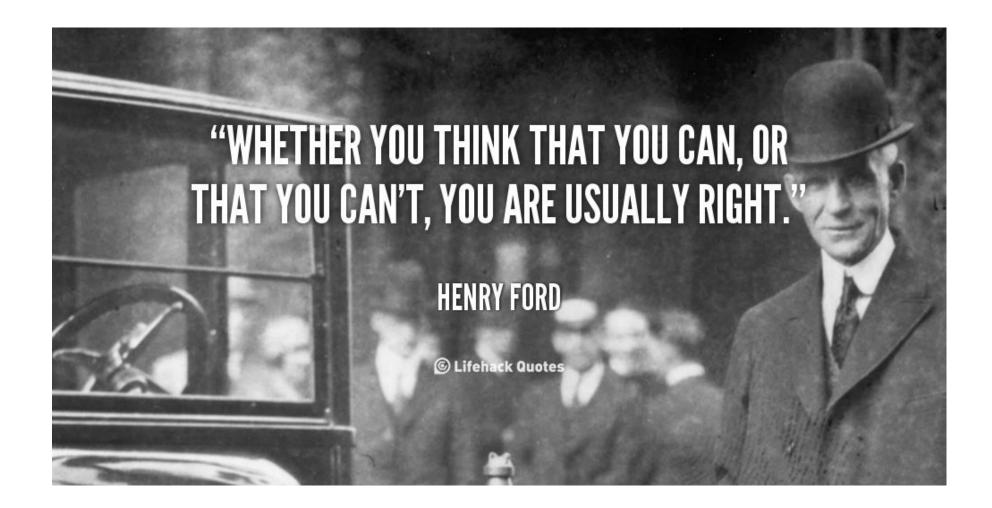


## How should you revise and review?

 Try to increase learning efficiency..... but how is it done?



## 1) Be positive





#### 2) Structure your time

- Topic lists for each subject area break it down into smaller parts.
- Revision plans
   breaking the time down into blocks.



### Creating a 'Perfect Plan'

- Plan early
- Identify strengths and weaknesses
- Subjects in a strategic order
- Different amounts of time
- Scale it up
- Flexibility

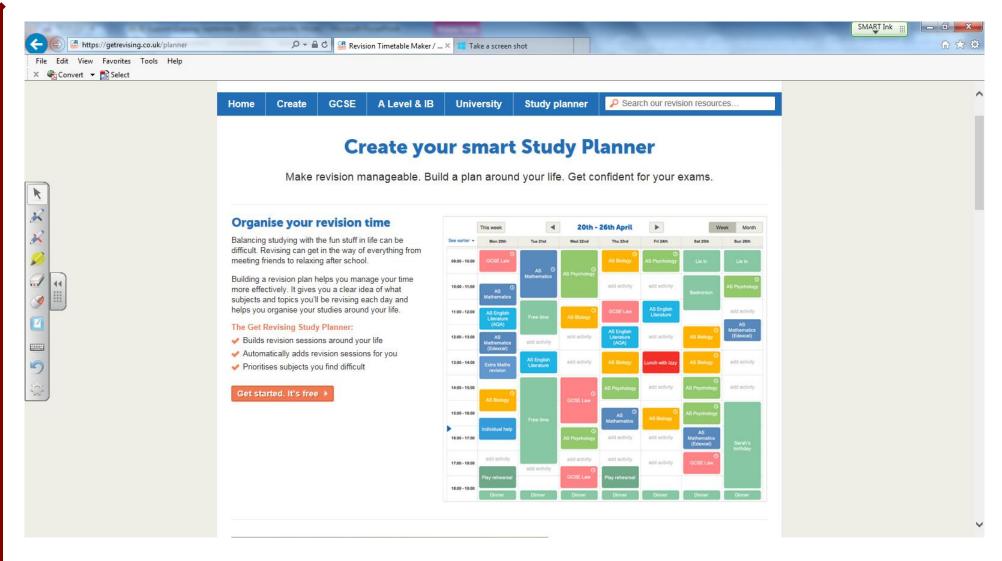


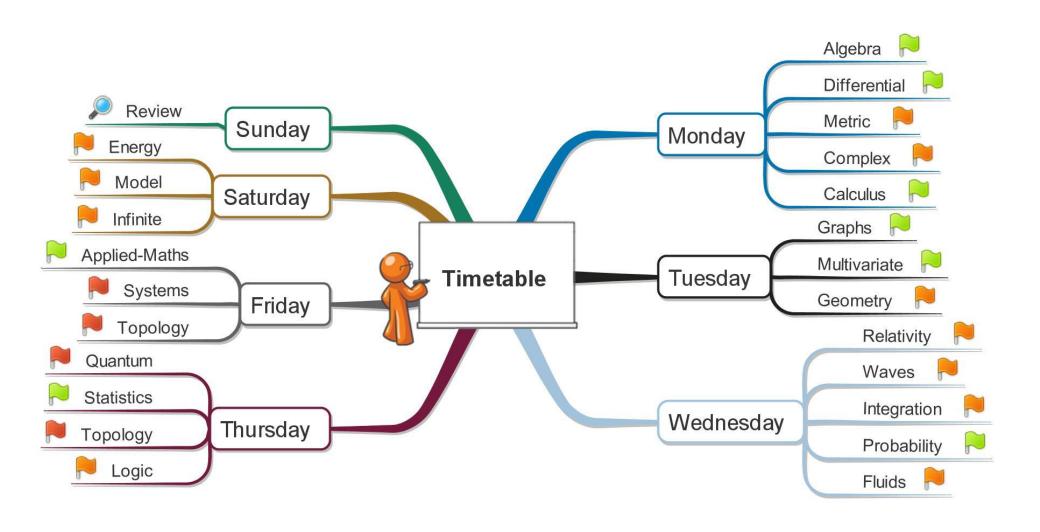


#### **Revision Timetable**

Day	4pm	5pm	6pm	7pm	8pm	9pm	10pm
Mon							
Tues							
Wed							
Thurs							
Fri							









#### **Spaced Practice**

- NO cramming!
- Review information from each lesson.
- 2-3 days between a particular topic.
- What if I forget? Don't worry!
- Review after.....
- 24 hours
- A week
- A month
- Six months
- Just before your exam/ assessment



## 3) Interleaving - SWITCH

- Switch between ideas during a study session.
- Go back over the ideas in different orders.
- This will be tougher than studying the same topic.



#### 4) Retrieval Practice

- Put away your notes write or sketch everything you know on a particular topic – EMPTY your brain.
- How accurate is it?
- Recall main ideas plus relationships and links.
- Look for new examples.



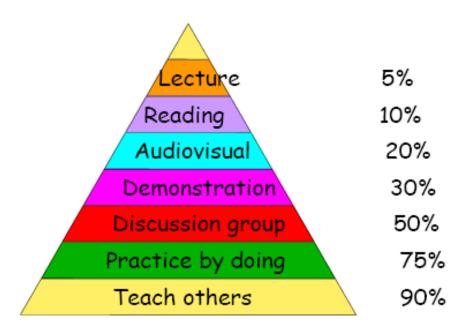
#### 5) Revise actively and reframe ideas

- Presenting your ideas in a different way.
- It's all about active learning.
- It should help your understanding <u>and</u> your memory.



### Remembering

#### Learning Pyramid



People retain only 20% of what they see and 30% of what they hear. But they remember 50% of what they see and hear, and as much as 80% of what they see, hear and do simultaneously (Computer Technology Research, 1993).



# Elaboration – ASK, EXPLAIN and CONNECT

- Question yourself and discuss them.
- Make connections with your own experiences or memories.
- Look for examples in daily life.



#### How doctors learn....

- See one
- Do one
- Teach one





# 6) Strategies to improve revision effectiveness

- Each time you come back to a topic, condense it into <u>half</u> the space you used before, by choosing key words and ideas.
- Dual coding WORDS and VISUALS



## Strategies to improve effectiveness

- Linear notes into mind maps
- Mind maps into linear notes
- Diagrams into words
- Words into diagrams
- Notes into a spoken explanation
- 2 pages of notes into 1 page
- Videos on YouTube

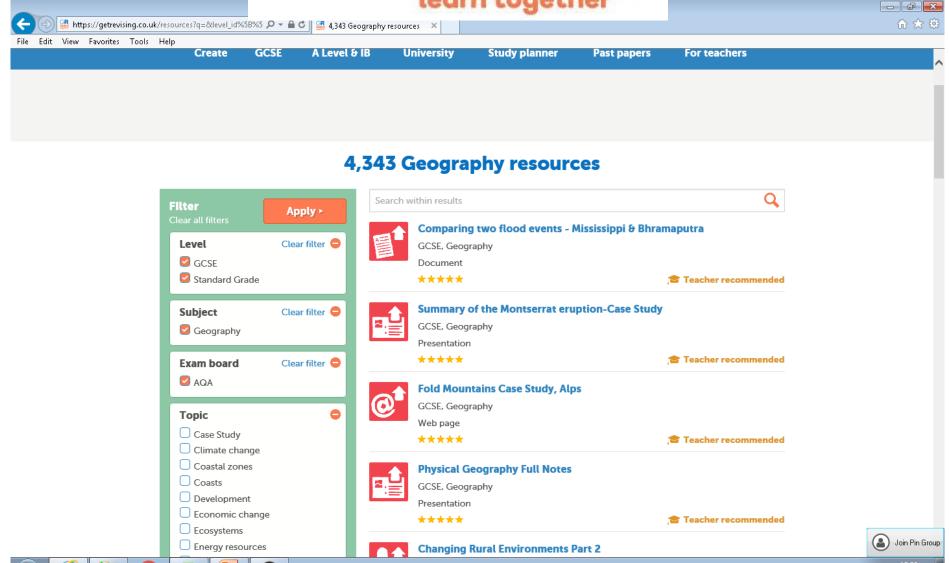
- 1 page into a postcard
- Notes into posters
- Mnemonics
- Acronyms e.g. LASER
- Topics into PowerPoint presentations
- Record notes to create a Podcast
- Post-it notes
- Teach it......
- Word association.....



#### 7) Use of online resources

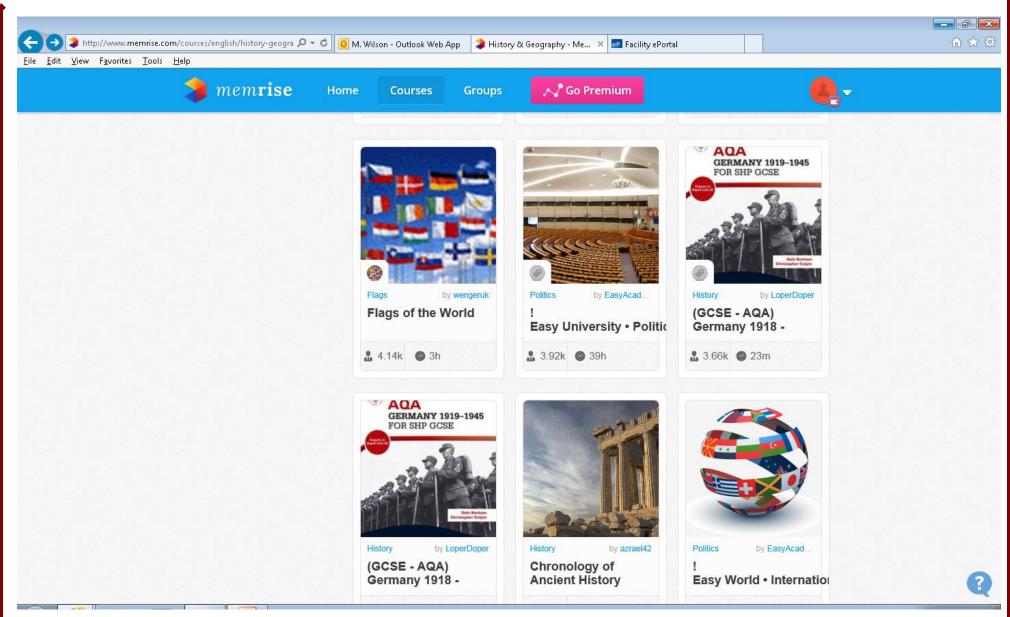


## GetRevising Learn together



Carre & Grammar School







#### Memrise.....





#### 8) Social restraint

- Agree with friends when it is and isn't alright to ring each other; or.....
- Turn your phone off!
- Turn your computer off (social networking) Go Off Line!
- Give your XBOX/ PS4 to your parents!
- If you're going out with friends, agree a time that will not disrupt your revision/ homework.
- Jobs cut down hours/have an extended break/resign?
- Reward yourself when you successfully complete a task.



#### 9) Try to stay healthy

- Eat healthily.
- Avoid caffeine it causes anxiety and tension.
- Drink plenty of water.
- Try to exercise.
- No major lifestyle changes don't start or end a relationship!
- Try to stay calm.
- Don't forget what you enjoy!



### 10) Play the 'Exam Game'

- Understand what the examiners are looking for.
- Learn how to give the examiners what they are looking for.
- To do this it is necessary to....



#### **Exam Skills**

- Understand how the exam papers are structured:
- a) How long is the exam?
- b) How many questions do you have to answer?
- c) What format are the exam questions?
- d) How are the marks divided?
- e) How are the exams marked?
- It is also necessary to......



#### **Exam Skills**

Practice in conditions as near to the real event as possible.

- Practice old exam questions i.e. Command words such as describe, explain, compare
- Work under time pressure.
- Check answers afterwards for accuracy (mark schemes)
- Learn to work quickly in planning, writing and checking answers.
- Set up mock exam conditions.



#### Remember....



# Your GCSEs will fly by...





# For further simple but effective and up to date information.....

- The Learning Scientists
- www.learningscientists.org



