

Welcome to the Revision Skills Evening

Mr G Foy - Associate Assistant Headteacher
Raising Standards Leader KS4



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Before we start.....

**THREE TOUGH
TRUTHS ABOUT
REVISION**

**Can you guess what these
are?**



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1. Students have got to do it.

Not the teachers with their revision sessions.

Not randomly flipping through internet sites

Revising is like giving up smoking.

You can get the patches, but at the end of the day it's YOU that's got to do it, and it involves making decisions and will-power.



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2. Revision takes time.

There is no 'instant' version which will cut corners.

Sleeping with your book under the pillow doesn't do it.

Stop playing at other things, and start working at revision.

The worse you are at it, the longer you will have to spend on it ... or underachieve.



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3. Fix the information

Revising is remembering. It's not 'revising' unless you're fixing it into your brain.

If you spend five hours working in your room, but you still can't remember it in the exam, you've spent 5 hours working, but you've not done any revision.

Use revision methods to help fix the information into your brain - we have some for you tonight!



Memories....

Try to recall each of the items below. After each one, think about what you did to help you remember:

- What is your own mobile number?
- How do you tie a school tie?
- What was your first day at school like?
- What was the name of your very first teacher?
- How do you get from school to your house?



The Cone of Learning.

*I see and I forget.
I hear and I remember.
I do and I understand.*
— Confucius



After 2 weeks,
we tend to remember ...

- 10% of what we READ
- 20% of what we HEAR
- 30% of what we SEE
- 50% of what we SEE & HEAR
- 70% of what we SAY
- 90% of what we SAY & DO

P
a
s
s
i
v
e

A
c
t
i
v
e

Source: Edgar Dale (1969)



Memory Technique 1: Chunking

Break your work down into sentence 'chunks'

Take one paragraph/topic and count the number of sentences/areas

Draw that number of boxes onto a page

Write each sentence into a box from left to right

Look at the first sentence and read it out loud. Then, close your eyes and say ('seeing the words in your mind') or 'air write' the sentence without looking at it

Repeat the step above, this time with the first 2 sentences

Next, try it with 3 sentences. Then 4. Repeat until you have (mostly) memorized the first paragraph.



Chunking Example

Regular exercise improves health and fitness. Health is defined as a state of complete mental, physical and social well-being; not merely the absence of illness or infirmity. Fitness is the ability to meet the demands of the environment. Mental benefits include improved confidence, relief of stress/tension and stress related illness. Physical benefits include losing weight, improved posture and improved body shape. Social benefits include meeting people and making friends. Being a member of a sports club and regularly participating in sport will develop personal qualities from working with others, testing yourself against others and testing yourself against the environment or your best performances.



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Chunking Example

BENEFITS OF SPORT

Regular exercise improves health and fitness.

Health is defined as a state of complete mental, physical and social well-being; not merely the absence of illness or infirmity.

Fitness is the ability to meet the demands of the environment.

Mental benefits include:

- improved confidence
- relief of stress/tension and stress related illness

Physical benefits include:

- losing weight
- improved posture
- improved body shape

Social benefits include:

- meeting people
- making friends



Memory Technique 2: Visualization

L'affiche

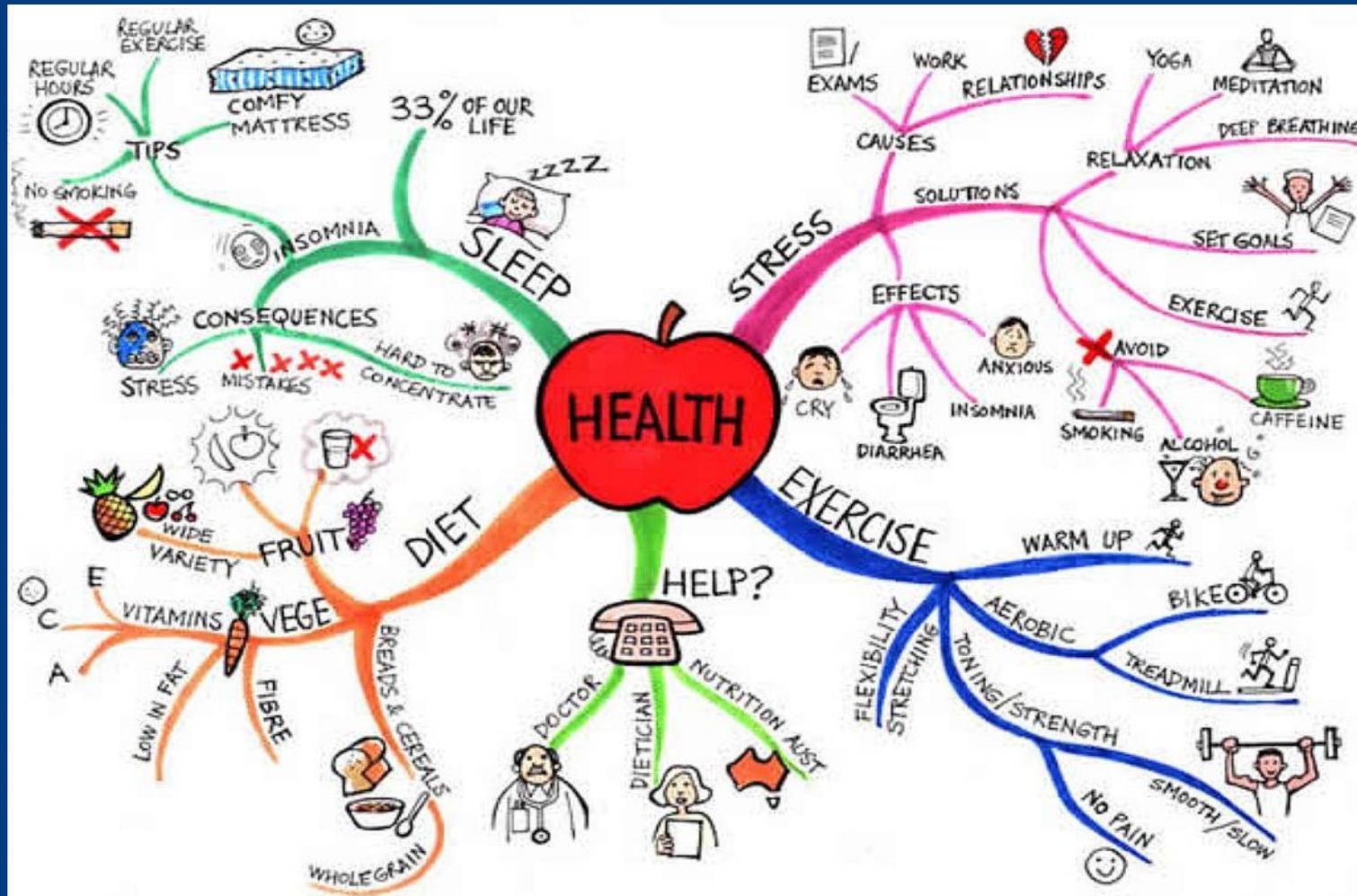


Poster
(in French)



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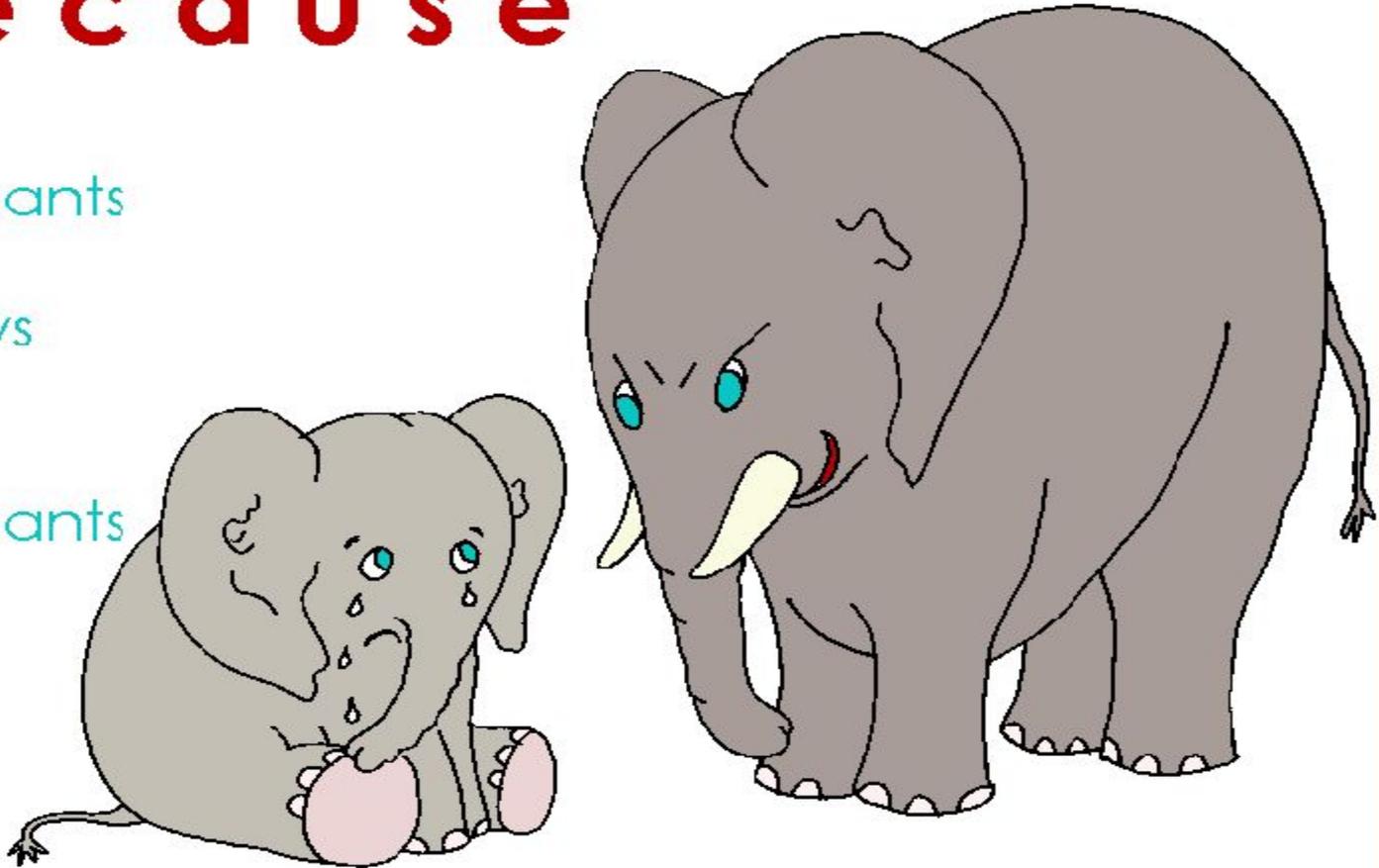
Memory Technique 2: Visualization



Memory Techniques 3: Mnemonics

b e c a u s e

big
elephants
can
always
upset
small
elephants



Memory Techniques 3: Mnemonics



Red, Orange, Yellow, Green,
Blue, Indigo, Violet
**Richard of York gave battle in
vain**



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Memory Techniques 3: Mnemonics

The Four Lobes of the Brain

"Freud Tore his Pants Off"

Frontal

Temporal

Parietal

Occipital



Memory Techniques

3: Mnemonics

Byte



Kilobyte



Megabyte

Gigabyte



Terabyte



Remember....

" It's much easier to remember colourful, memorable mental images, than it is to remember dull facts."



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Top tips for using mnemonics to remember your text:

- Use positive, pleasant images. Your brain often blocks out unpleasant ones!
- Use vivid, colourful, sense-laden images
- Use all your senses to code information or dress up an image. Remember that your mnemonic can contain sounds, smells, tastes, touch, movements and feelings as well as pictures.
- **Use humour! silly (or rude) rhymes are very difficult to forget!**
- Symbols (red traffic lights, pointing fingers, road signs, etc.) can code quite complex messages quickly and effectively.



Mr. W's Cell Song



Nucleus



Mitochondrion



Golgi

Making the right choices

	Your answer	Ideal? Better to ...?
Where do you revise?		
Is it noisy?		
What about comfort factors?		
Do you prefer to revise alone or with friends/both?		
What is likely to distract you?		
What time of day do you prefer to revise/study?		



What impact will these have on your revision?



Biddenhams top revision tips



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1. Post - it notes.



2. Use rewards

Give yourself a treats, rewards and downtime when revising.

Chocolate, use of phone, a film

Remember your main reward is good results!



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3. Visual methods.



4. Get your exam technique right, now!

Highlight key terms or words on your exam paper.

Answer every question

Match the number of points you make to the number of marks available.

Develop out your points and reasons.



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5. 'Guerrilla' method.



Above the TV

On the fridge

Bedroom door

Games console

Dining table placemats

Toilet!



6. Have a plan!

Cover all your subjects, not just your favourite ones.

Use the timetable to plan when you will revise and when.

Give yourself time to go over all areas in sufficient depth.



7. Have notes/reminders on hand.



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8. Get the family involved!

Revising alone can be hard and dull.

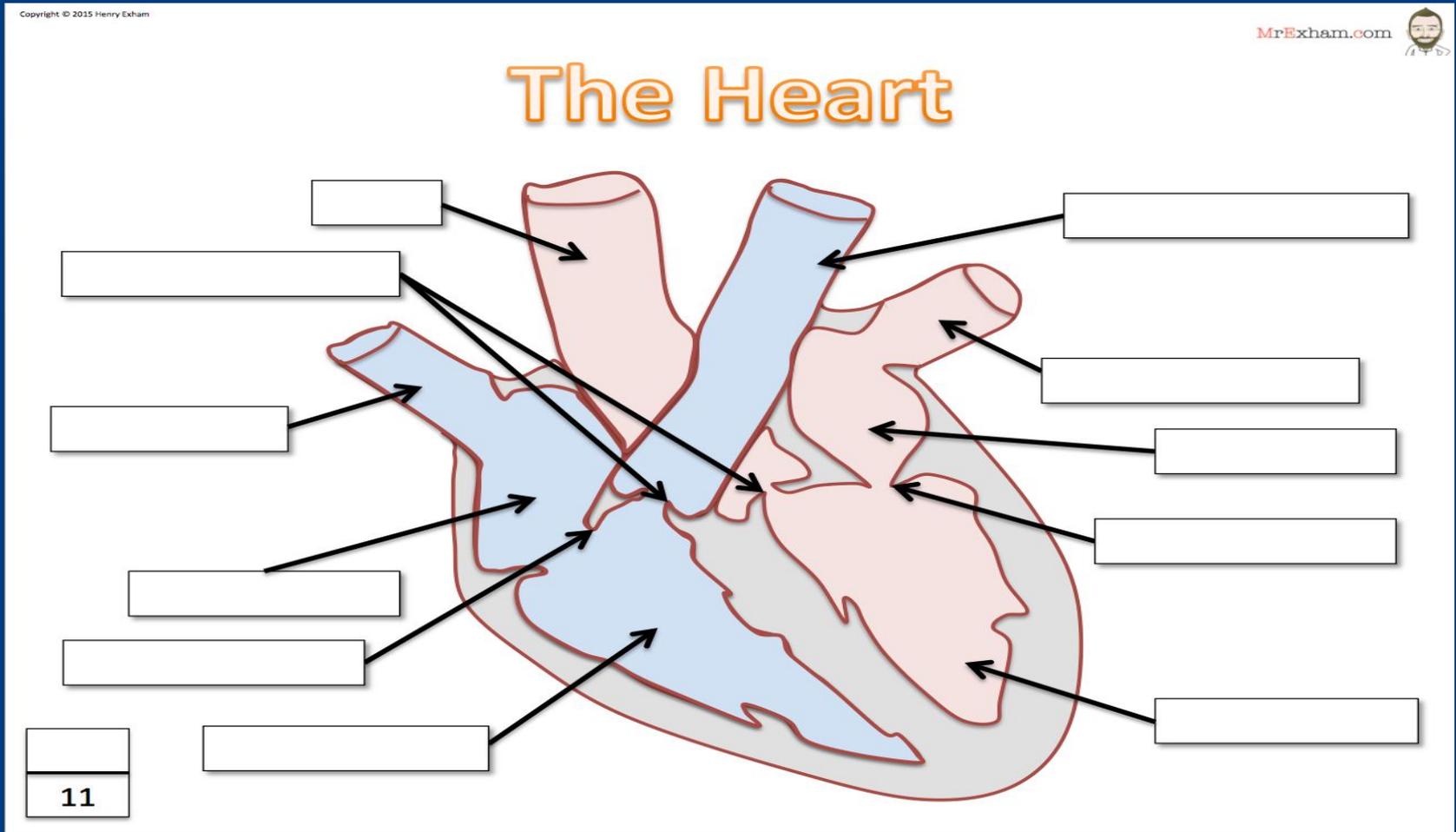
Being asked about longshore drift by a family member while eating breakfast is.....

Can family members ask you questions?



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9. Diagrams



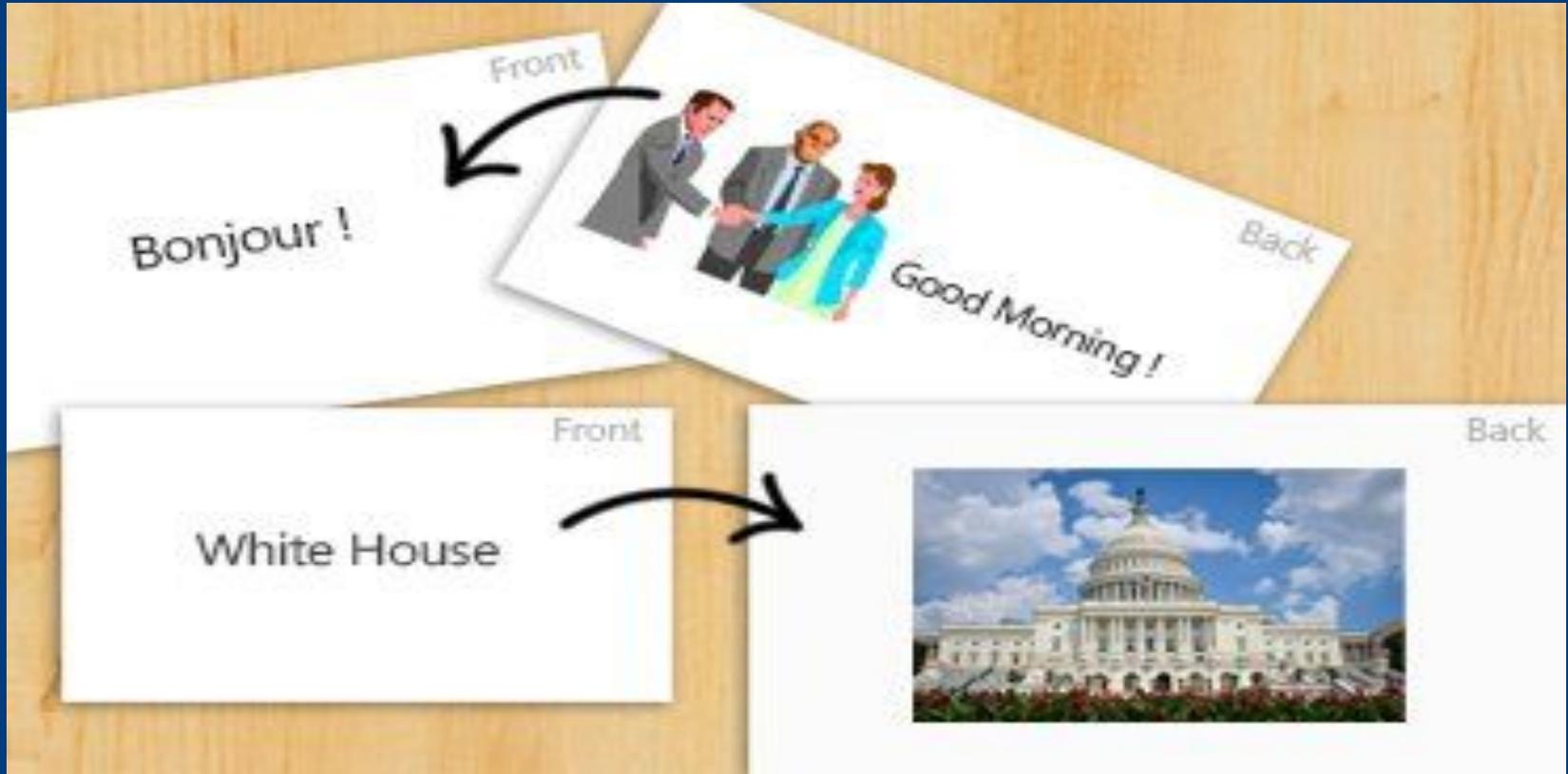
10. Teach others

Try teaching others your knowledge. If they learn it from you, it shows you know it.



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11. Flashcards.



12. Use past exam papers

All subjects will have past papers and the answers. Use them to improve your exam technique.

Item C

The importance of parenting in society

Many longitudinal studies conducted in Britain investigate the roles that parents play in the development of children. The National Child Development Survey is an example of a longitudinal study. It began in 1958, and continues to follow the same representative sample of individuals born in one particular week of that year. The aim of the study is to improve understanding of the factors affecting human development.

After the first survey, there were a further eight surveys between 1965 and 2009 to obtain information concerning educational and social development. The National Child Development Survey has become a major resource for investigating social mobility and the impact of childhood conditions on later life.

0 1 From **Item A**, what percentage of young people said they had a very happy relationship with their family? *(1 mark)*

0 2 From **Item B**, identify the research method used by Nicola Ross. *(1 mark)*

0 3 Give **one** advantage and **one** disadvantage of using Nicola Ross's research method, as referred to in **Item B**. *(2 marks)*

0 4 Study **Item C**. Describe how a longitudinal study might be useful for research into the influence of parents on a child's development. *(4 marks)*



13. Mind-mapping information



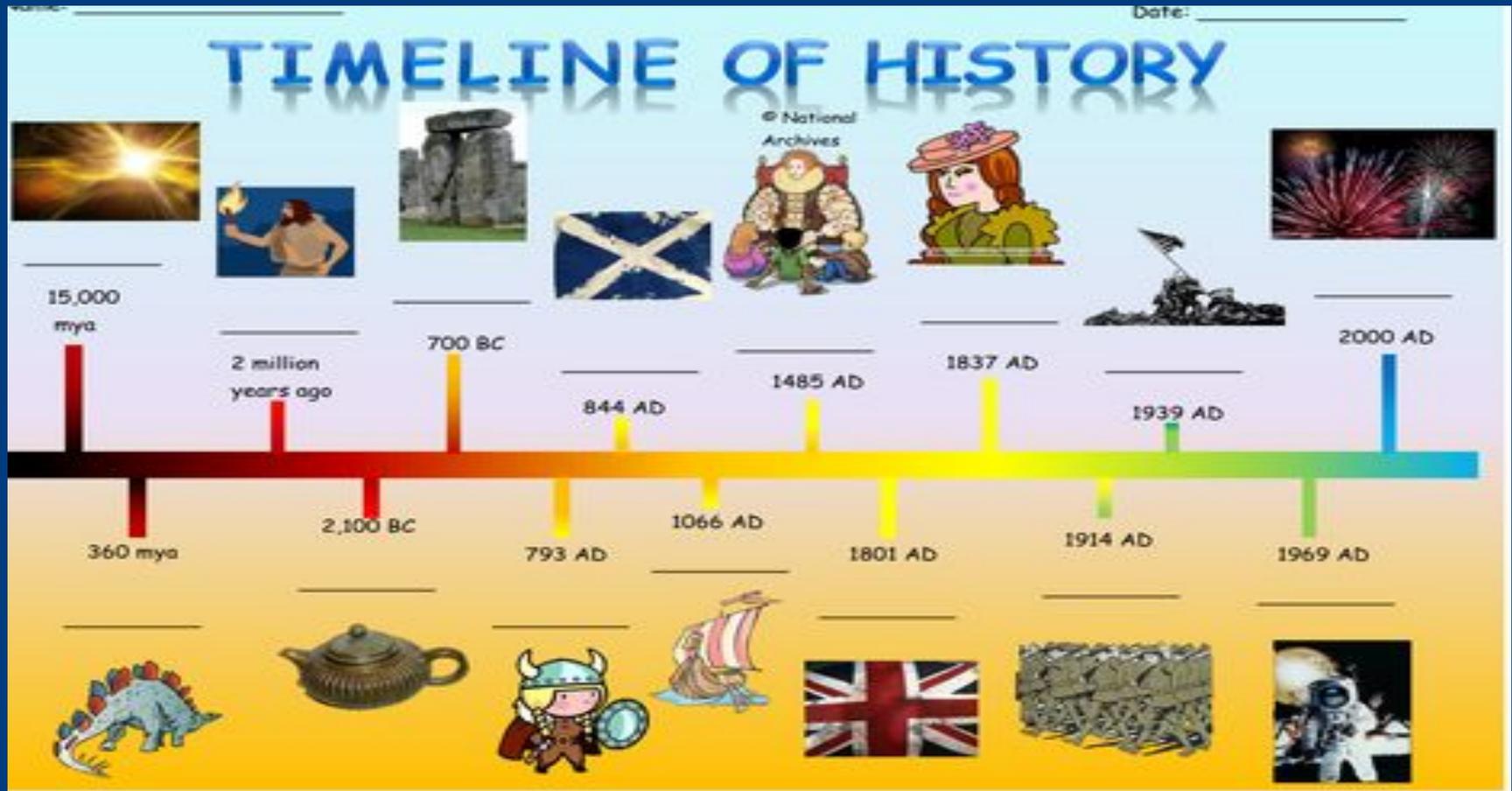
14. Revision guides

Fairly cheap, simple to use and condensed.

Available (at cost) from school reception. Pupil premium funding available to assist with purchasing required revision guides.



15. Timelines



16. Quality and quantity

Revising for four hours straight is not useful.

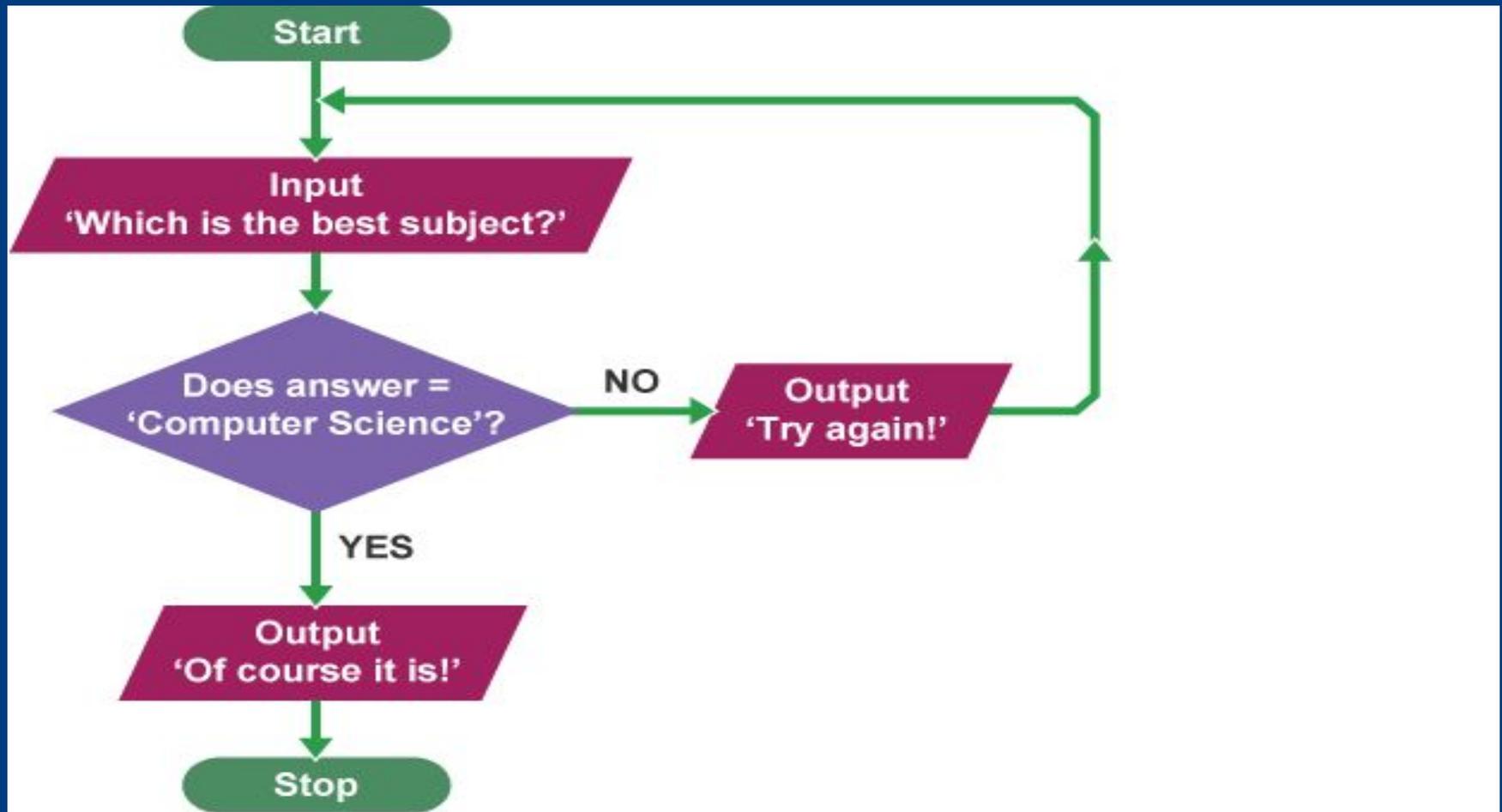
Revising for 45 minutes followed by a 15 minute break is!

Take rest breaks, have 'down time' and don't stay up all night.



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17. Flow diagrams



18. Diet and sleep

Avoid all energy drinks.

Eat a balanced diet - your brain needs food.

Get a good period of sleep without distractions.



19. Mnemonics



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20. Start now!

Don't wait to start revising. Start this evening!

Waiting until the month before is too late to do good quality revision.



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Finding the time to revise.



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Biddenham Revision Planner

SUBJECT OVERVIEW							
Combined Science	Physics	Chemistry	Biology	Maths	English Lit	English Lang	Religious Studies
History	Geography	PE	Languages	Computing	Business	DT	Art
Graphics	Textiles	Dance	Music	Drama	Food	SPARE 1	SPARE 2
REVISION OVERVIEW							
06/12/2021	13/12/2021	CHRISTMAS	03/01/2022	10/01/2022	17/01/2022	24/01/2022	31/01/2022
07/02/2022	FEBRUARY HALF TERM	21/02/2022	28/02/2022	07/03/2022	14/03/2022	21/03/2022	28/03/2022
EASTER	18/04/2022	25/04/2022	02/05/2022	09/05/2022	16/05/2022	23/05/2022	MAY HALF TERM



Biddenham Revision Planner

OCR Gateway Biology (J241) from 2016 Topic B1: Cell level systems					
Topic	Student Checklist	December RAG	Revised	JAN RAG	EASTER RAG
B1.1	Describe how light microscopes and staining can be used to view cells	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Name the main subcellular structures of eukaryotic cells and prokaryotic cells and explain how they are related to their functions	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain how electron microscopy has increased our understanding of subcellular structures	Blank ▾	Blank ▾	Blank ▾	Blank ▾
B1.2	Describe DNA as a polymer that is made up of two strands, forming a double helix	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe that DNA is made from four different nucleotides	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe experiments that can be used to investigate enzymatic reactions	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the mechanism of enzyme action	Blank ▾	Blank ▾	Blank ▾	Blank ▾
B1.3	Describe cellular respiration as a universal chemical process that occurs continuously to supply ATP in all living cells	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe cellular respiration as an exothermic reaction	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe and compare the processes of aerobic and anaerobic respiration in animals and plants/fungi inc ATP yield and location	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the importance of sugars in the synthesis and breakdown of carbohydrates	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the importance of amino acids in the synthesis and breakdown of proteins	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the importance of fatty acids and glycerol in the synthesis and breakdown of lipids	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Recall that photosynthetic organisms are the main source of food and therefore biomass for life on Earth	Blank ▾	Blank ▾	Blank ▾	Blank ▾
B1.4	Describe the process of photosynthesis, to include reactants and products, the word equation and location of the reaction	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe photosynthesis as an endothermic reaction	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe experiments to investigate photosynthesis	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the effect of temperature, light intensity and carbon dioxide concentration on the rate of photosynthesis	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	<i>HT ONLY: Explain the interaction of the effect of temperature, light intensity and carbon dioxide concentration in limiting the rate of photosynthesis</i>	Blank ▾	Blank ▾	Blank ▾	Blank ▾
OCR Gateway Biology (J241) from 2016 Topic B2: Scaling up					
Topic	Student Checklist	December RAG	Revised	JAN RAG	EASTER RAG
	Explain how substances are transported into and out of cells through diffusion, osmosis and active transport	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Describe the process of mitosis in growth, including the cell cycle	Blank ▾	Blank ▾	Blank ▾	Blank ▾
	Explain the importance of cell differentiation	Blank ▾	Blank ▾	Blank ▾	Blank ▾



Create a personal revision timetable that you can stick to.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
3pm - 3:30pm	Arrive home have a snack						
3:30 - 4:30	ICT revision						
4:30 - 5pm	TV break						
5pm - 6pm	English revision						
6pm - 6:15pm	Social media break						
6:15 - 7:30	RS revision						
7:30 - 8:30	Dinner						
8:30 - 9pm	Q & A with parents						
9pm	Bedtime						



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Use colour and make it clear to see what you are doing.



Remember, yes, revision is hard but worthless if you're not in the right frame of mind!



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Exam Stress

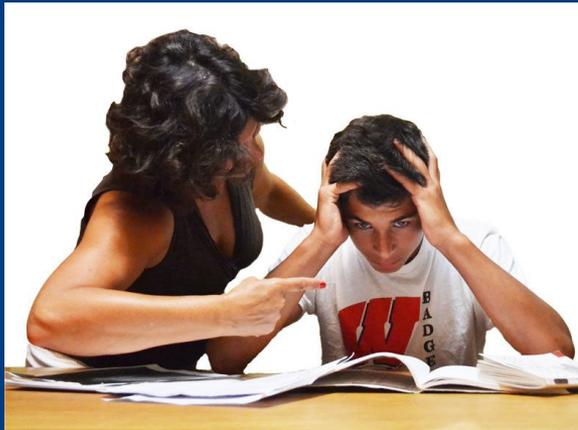
- A report published by the NSPCC in May 2015 found Childline was receiving record numbers of calls from students worrying about exams.
- Also reported 3x as many students were receiving counselling for exam stress.



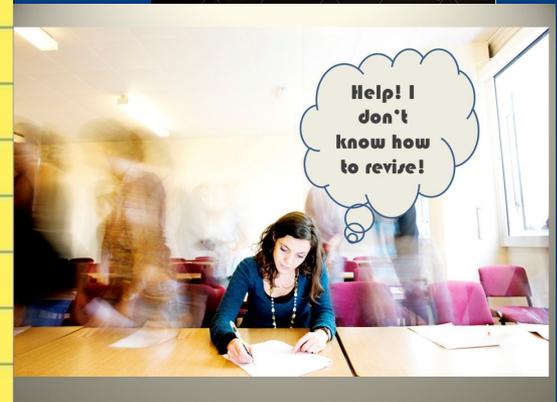
What is it about exams that makes you stressed?



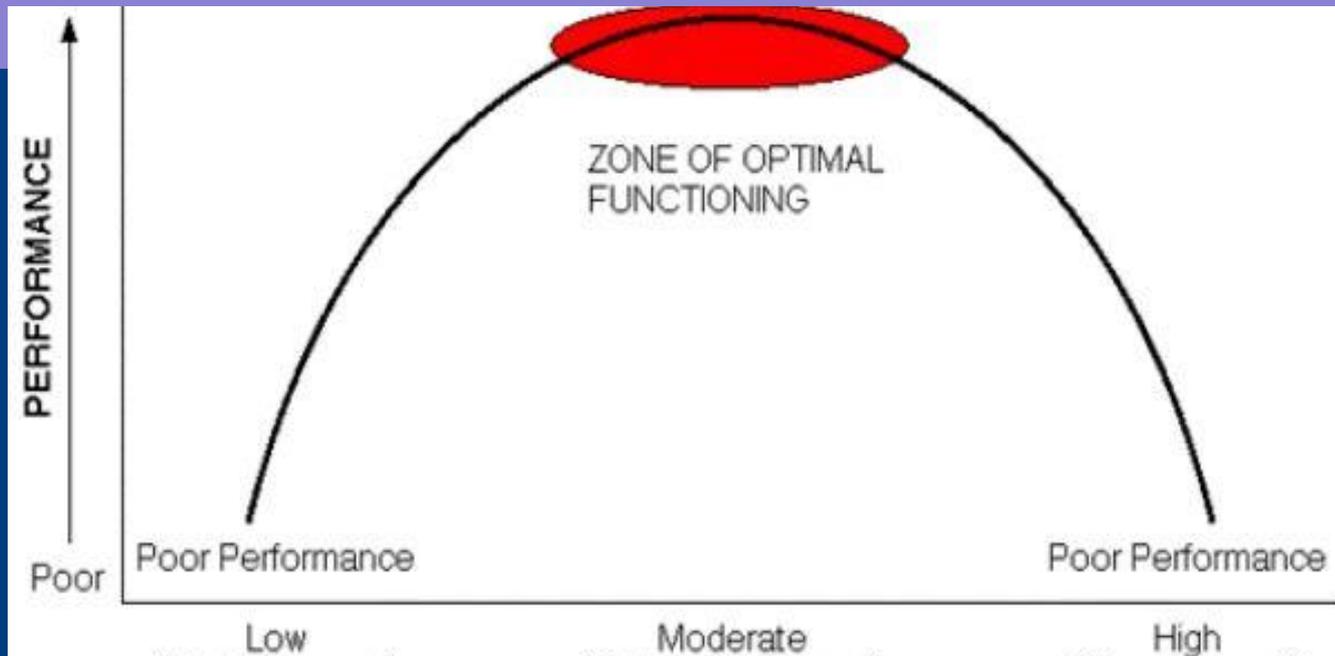
F₄ A₁ I₁ L₁ U₁ R₁ E₁



I knew the
answer, but my
mind went blank.



A little bit of anxiety is a good thing

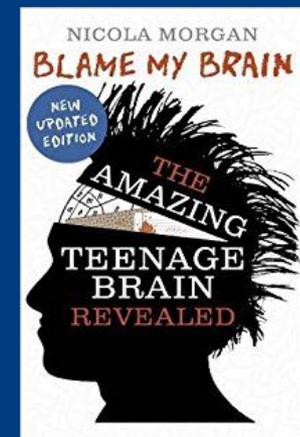
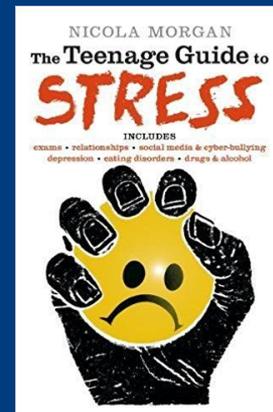


- Helps us to perform at our best
- The problems occur when that anxiety goes to far



What support is available for you

- All teachers and support staff
- Sanctuary support and clubs
- Bedford Open Door (by appointment)
- CAMHS
- School Nurse
- Aquarius (by appointment)
- Sixth form mentors (ask your tutor to refer you)
- Read - there is a wellbeing section in the Library



**What can I do as a parent
to support my child's
revision?**



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How can you help your child and prepare them to perform?

1. Being a role model
2. Help them set goals
3. Keep them active
4. Healthy eating
5. Time out
6. Sleep patterns
7. Unplugging
8. Staying cool & calm
9. Belief
10. Be supportive

Each day you can support your child to make choices which can impact how they perform during the exam period



www.biddenham.beds.sch.uk/revision-support

The screenshot shows a web browser window with the URL www.biddenham.beds.sch.uk/revision-support/. The page header includes a language selection dropdown, the school's crest and name, and a search icon. A navigation menu contains links for Home, Curriculum, Subjects, School Information, Parents, News, Prospectus, and Contact Us. The main heading is "Revision Support". The content area contains several paragraphs of text and a list of links. The footer features the school's crest and name.

Select Language

 **Biddenham**
International School & Sports College

SEARCH

Home Curriculum Subjects School Information Parents News Prospectus Contact Us

Revision Support

At Biddenham students will start their GCSE courses after October half term of year 9 and complete them May/June of year 11.

Students will be assessed regularly during this period in order to ensure they are progressing well and achieving to the best of their ability.

Students and Parents/Carers need support during this time of education, examinations can seem very daunting and preparation is the key to success.

We have put these pages together to support Students, Parents and Carers during this period of time. We also have a twitter feed, which 'tweets' regularly with new tips for exam success.

[Complete Revision Booklet](#)

[Revision Evening Notes – Year 11](#)

[Exam Survival – Tips for students](#)

[Growth mindset – what is it?](#)

[Year 11 – Revision timetable \(2019-2020\)](#)

Core GCSE Subjects

- [English Language/English Literature](#)
- [Maths](#)
- [Combined Science and Separate Science](#)
- [Religious Studies](#)

GCSE Subjects

Parents/Carers Examination Support

During Key Stage 4, it is not just the students who need support, Parents/Carers have a large role to play during this time of your child's school career.

We have put together a number of resources to support you during this school phase.

Other revision strategies

Visual

www.goanimate.com

www.glogster.com

www.taxedo.com

www.popplet.com

www.storybird.com

www.wallwisher.com

www.toonlet.com

www.wordle.com

www.mypeexam.org

Auditory

www.youtube.com

www.lyricstraining.com

www.vocaroo.com

www.fotobabble.com

www.voki.com

www.masher.com

www.goanimate.com

www.vokabel.com

Kinaesthetic

www.ietherpad.com

www.twiddla.com

www.cueprompter.com

www.classtools.net

www.quizlet.com

www.zondle.com

www.fodey.com

Thank you for attending

George.Foy@Biddenham.beds.sch.uk

Issy.Lilley-Moncrief@Biddenham.beds.sch.uk



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