

Our central aim is...

“...that every learner shall achieve their maximum potential...and enjoy the process”



DENE MAGNA

Leading : Learning : Training : Technology



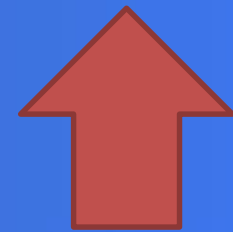
How will you feel on 25th August when you open the envelope..?

Relief:
'It could have
gone so much
worse...'



Delight:
'I am so proud
of what I have
achieved...'

Despair:
'I have let myself
and everyone that
care about me
down...'



Let's go for
this one!

English and Maths

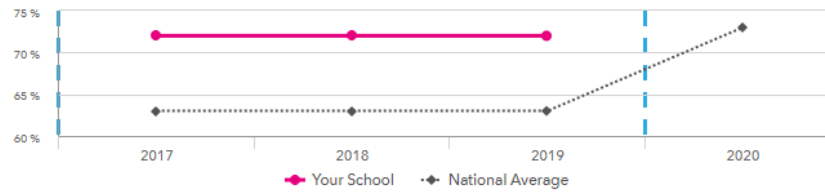
% English & Maths (Grade 4+) ✓

72%⁺

FFT Rank



Significantly above the national average (63%)



% English & Maths (Grade 4+) ✓

+10%⁺

FFT Rank



Significantly above the national average (0%)



Progress

KS4 Attainment 2019

165 pupils

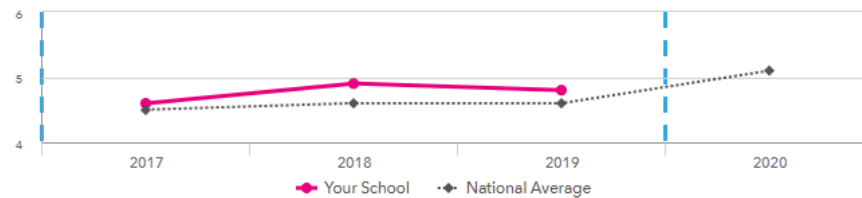
Attainment 8 (Overall) ✓

4.8

FFT Rank



In line with the national average (4.6)



KS4 Progress 2019

165 matched pupils

Progress 8 (Overall) ✓

+0.16

FFT Rank



In line with the national average (0)





Year 2022 are on target to achieve the best results

- At AP3 (the latest Interim Review)
 - 4+ Basics 77%
 - 5+ Basics 50%
 - Overall progress + 0.23
 - Average grade 5.1
 - Over 90 Dene Magna Students applied for the Sixth Form (156 Applications overall)



No one has passed anything **yet**
No one has failed anything **yet**

- 70 Students are on track to achieve > 0.5 a grade higher on average
- 50 students are not on track to make positive progress



What are we doing?

- Ensuring CWK is completed to the highest standard (PE, BSt, Music, Product Design, ICT, Child Development)
- Organising Intervention Sessions
- Teaching great lessons (This continues through the exam period)
- Mentoring (lots of conversations are happening)
- Tracking data and ensuring all are on track



- Working 1:1 and small groups to accelerate progress
- Supporting each and every student
- Working closely with parents/carers
- Looking at next steps Post 16:
 - A Levels
 - Apprenticeships
 - College Courses



We are on track...

All data says that we are on target to achieve our best

Everyone: Parents, staff, students.... believe we can do this

Let's be the best year yet
and make everyone
proud!



Current enrichment choices:

- Climbing
- Skiing
- Golf
- Yoga (free) on site
- Payment to me made to parent pay to book a place.

April 6th- Enrichment afternoon

Activities to include:

- Go karting
- Ice skating
- Skiing
- Ten pin bowling
- Zorb football





Sumner term

will see the introduction of water based activities:

- Kayaking, Canoeing, paddle boarding
- amongst other activities to be confirmed closer to the date.

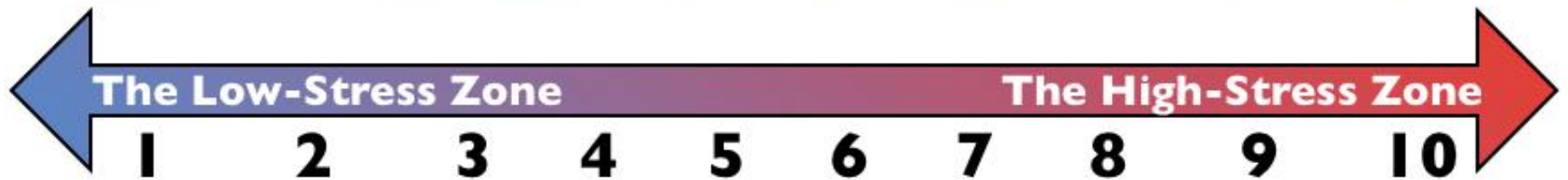


Sixth Form

- Applications received and offer letters sent out
- Focus on your GCSEs. Achieve your best grades. This won't just secure your sixth form place, it will also help you later
- Taster sessions and visits to campus take place
- Applicants day to be held after GCSE exams.

- GCSE results Thursday 25th August
- Pre-enrolment at the main school, in the school hall
- Enrolment at the Sixth Form Campus on Friday 26th August
- Courses begin on Weds 7th September.

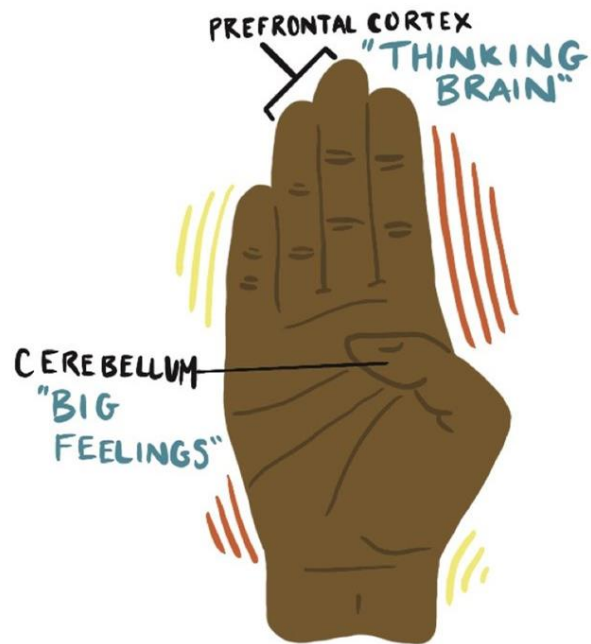




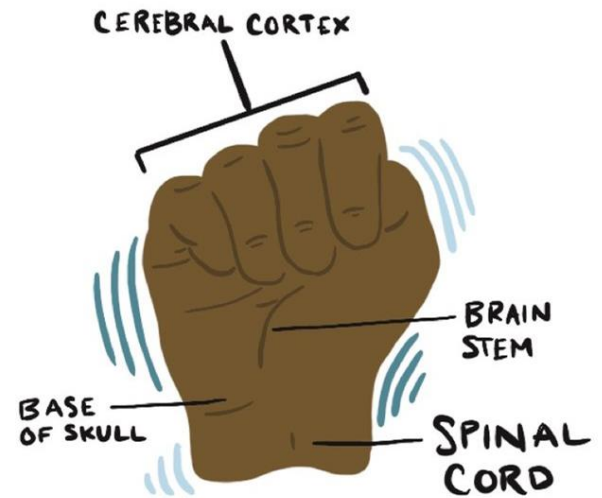
What is stress?

- Normal response to difficult situations.
- It is a natural response that happens automatically in our body.
- A certain amount of stress is normal and needed to get us out of bed in the morning.
- Some stress is good.
- Long term stress or too much stress can damage health.

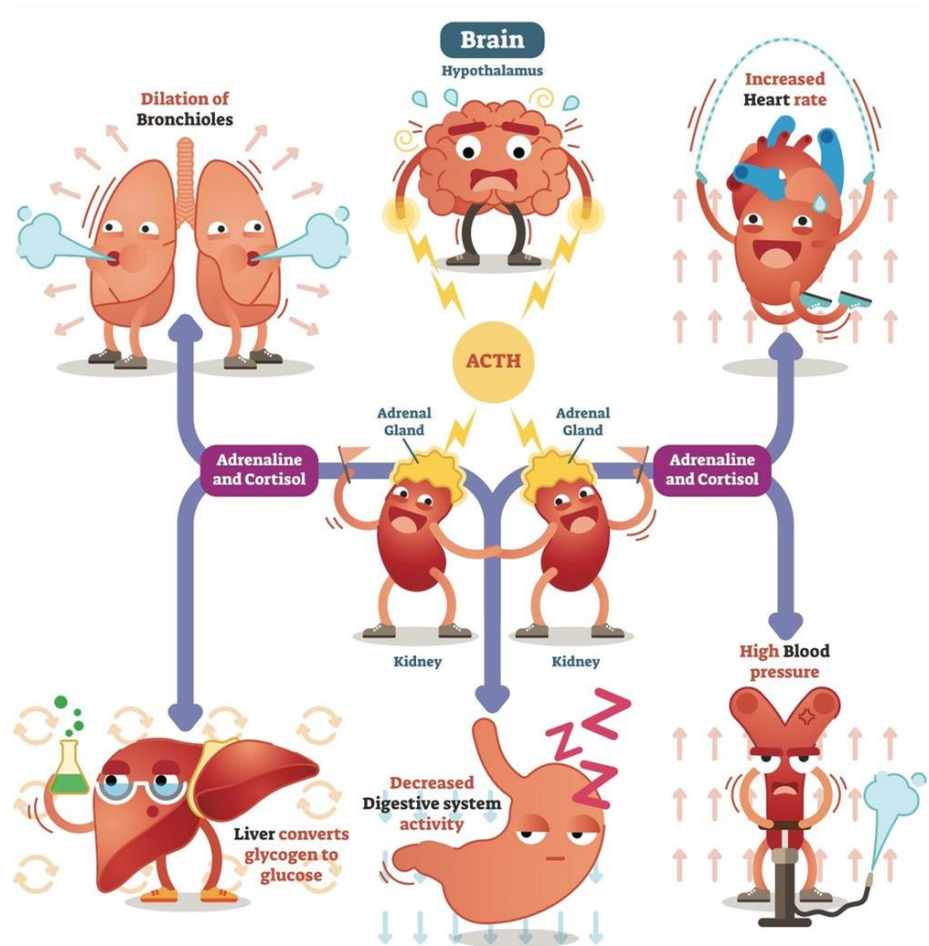
FLIPPING *your lid*



FLIPPED LID



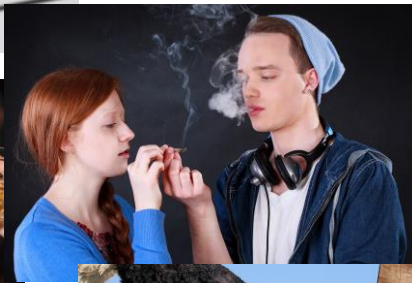
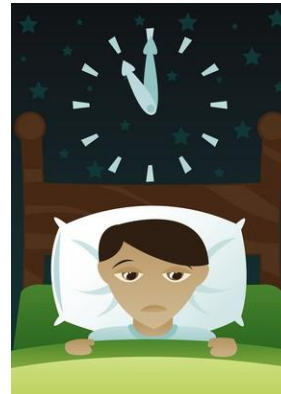
CALM MIND





No
School

Spotting the signs...



How can you help?

- Help them put their lid on!!/Try not to flip your own lid...
- Be patient (even more than usual!!).
- Trust.
- Meet their basic needs.
- Start building routines now rather than waiting for exam season.
- Provide equipment for them.
- Talk to them about revision/help them to revise?!

Parents/Carers

- Talk.
- Take notice.
- Support attendance and parents evenings.
- Check homework.
- Look in planners.
- Routines around sleep, social media, food.

Subject Teachers

- Offer support in a subject.
- Help with homework.
- Provide revision sessions.
- Advice/interventions for underachievement

t



Available Support...

Outside Agencies

- YMM.
- T.I.C+
- School Nurse.
- School Counsellor.
- Wellbeing practitioner
- Early Help.
- Social prescribing.

Student

- Talk.
- Ensure they attend school.
- Complete work.
- Exercise.
- Relax.
- Plan their time.
- Seek help.

- Always available.
- Students can seek advice.
- Refer to outside agencies.
- Support if struggling in a range of subjects.



190,271 under 18 year olds were referred to mental health services between June and April 2021.
A 134% increase from the previous year.

Building their revision skills

Year 11 Parents' Information Evening
3rd March 2022- Mr Derrick



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What is their goal...

Short term (Next 4 weeks)

Medium Term (Exams in the summer)

Long Term (Where do you they want to be next
year)



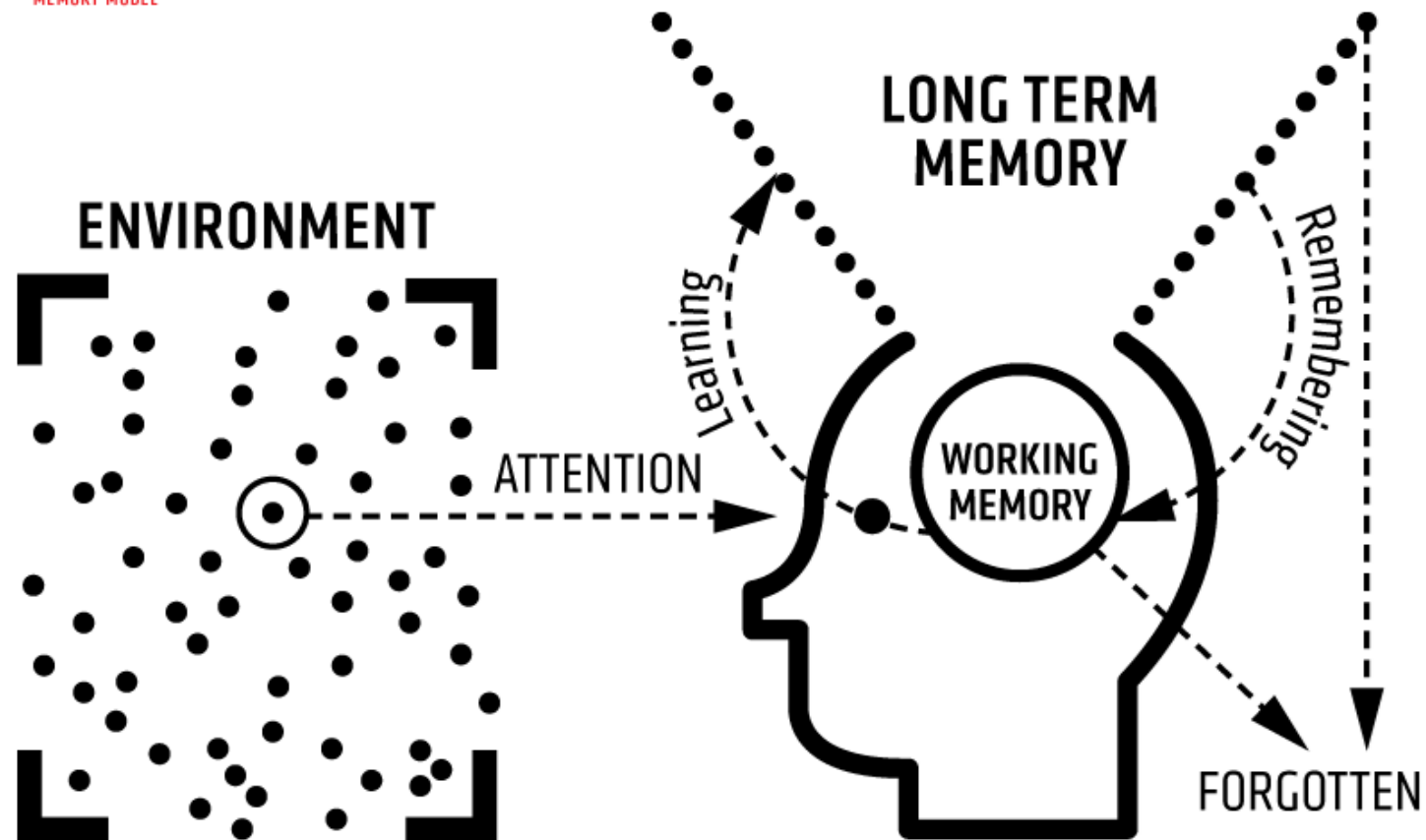
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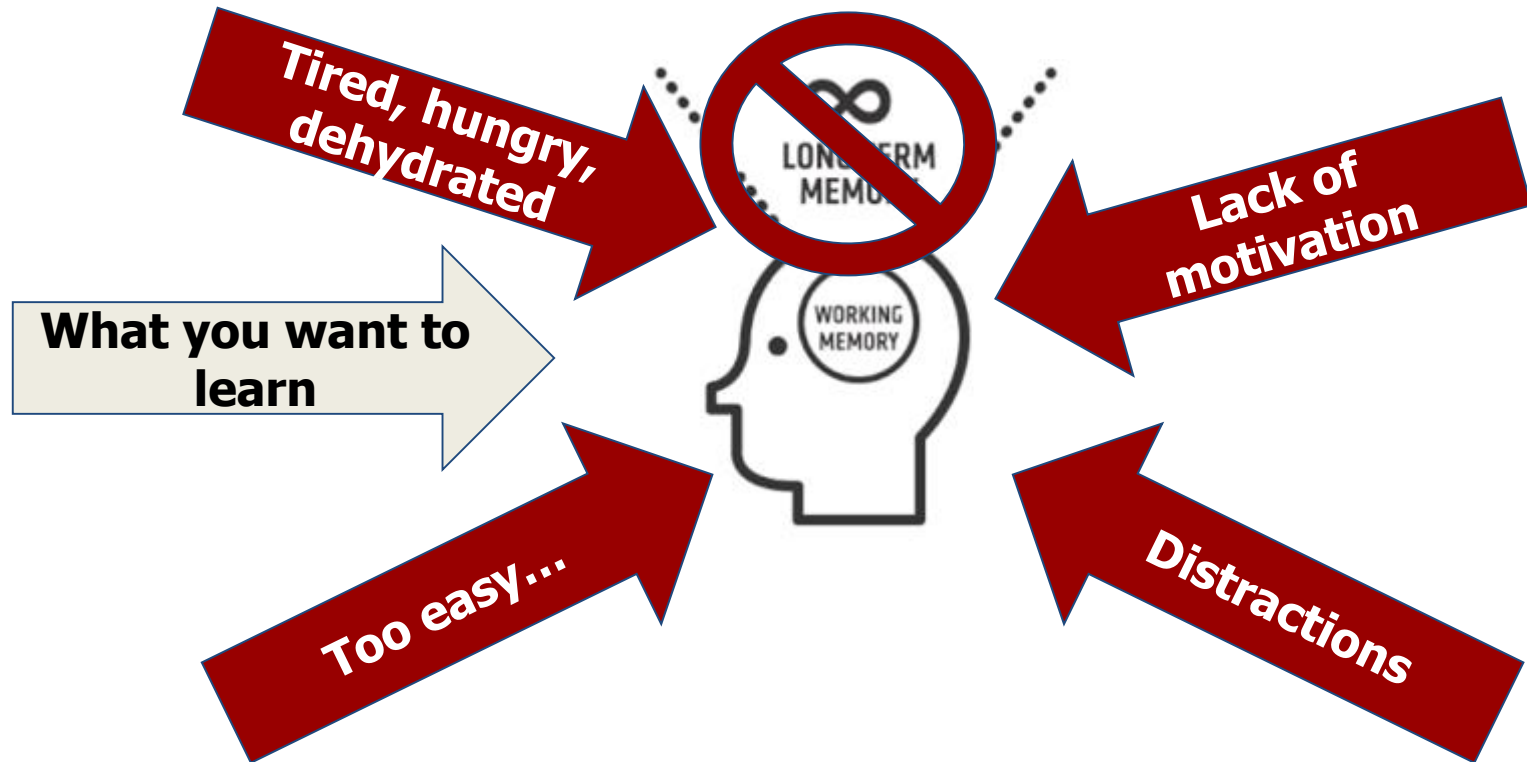


OLIVER CAVIGLIOLI
@olicav
olicav.com

WILLINGHAM'S SIMPLE MEMORY MODEL



What makes an inefficient learner?



Where do we begin?



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Making a Plan

Day	Period 6	Session 1	Session 2	Session 3
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
	Session 1	Session 2	Session 3	Session 4
Saturday				
Sunday				



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Making a Plan

Day	Period 6	Session 1	Session 2	Session 3
Monday	Eng	Maths	BREAK	Bio
Tuesday	Tech	Chem	RUGBY	
Wednesday	Sci	BREAK	Phy	Eng
Thursday	French	Tech	MUSIC	
Friday		Eng	French	BREAK
		Session 1	Session 2	Session 3
			Session 3	Session 4
Saturday	Maths	Bio	Phy	BREAK
Sunday	RUGBY		Chem	French



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Debunking Revision

What revision is	What revision isn't
<ul style="list-style-type: none">✓ Going over material you have already studied✓ Using strategies to help remember prior learning✓ Making links between new topics and previously studied ones✓ Building confidence with independent study✓ Knowing your strengths and targets and how to address them	<ul style="list-style-type: none">✓ Completing practice exam papers (we'll come on to this)✓ Re-reading class notes✓ Highlighting✓ Cramming before an important exam or assessment

Practice makes Permanent



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Finding the right strategy

Brain Dumps/Revision Clocks

Mind mapping

Question matrix

Circle Mapping

Flash Cards

Elaboration

All students have received
sessions on these techniques
with their tutors

+

2x assemblies with looking at
them in more detail

Retrieval Practice → THEY HAVE BEEN DOING THIS **EVERY LESSON**

Revision vs Exam Practice

The difference between knowing it and using it



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Exam Technique- Think like your teacher

[3]

(b) The success of the programme presented by James May and the move of production to China have each had an effect on the market equilibrium for Airfix Spitfire model kits.

Using one demand and supply diagram, explain the likely impact of these changes on the market equilibrium.

Handwritten notes:

- DT shift to R.*
- S shift to R.*
- How many D + S shifts are there?*
- Ans: 2.*
- Am I sure I know which way the shifts go?*
- check LABELS!*
- Don't need much explanation.*
- It's 6 marks -*
- 4 for diagram, probably, and 2 for explanation.*
- Don't need to think about COMMENT cos it is just explaining the diagram.*

[6]



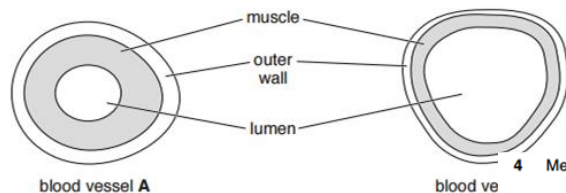
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Exam Style Questions

3 Blood vessels are tubes that carry blood.

The diagram shows cross-sections through blood vessels **A** and **B**.

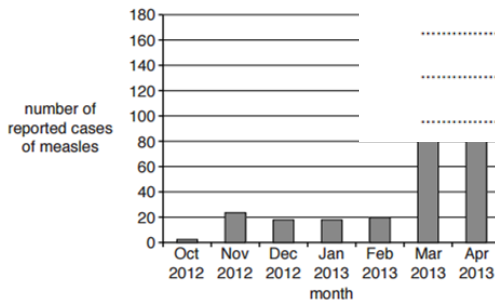


(a) (i) The diameter of the lumen of blood vessel **A** is 1 cm in real life.
Calculate the cross-sectional area of the **lumen** of blood vessel **A**.
Use the formula, $\text{area} = \pi r^2$ (where π is 3.14).
Show your working. Give your answer to two decimal places.

cross-sectional area of **A** =

4 Measles is a very infectious and potentially deadly disease.
It is caused by a virus.

(a) The graph shows the number of measles cases reported in 2012 and April 2013.




(i) Calculate the percentage increase in reported cases of measles in South Wales between February and April 2013.

Show your working.

(b) Leo is 40 years old. He is in hospital recovering from a heart attack.

His brother, Samson, is 64 years old. He has never had a heart attack.

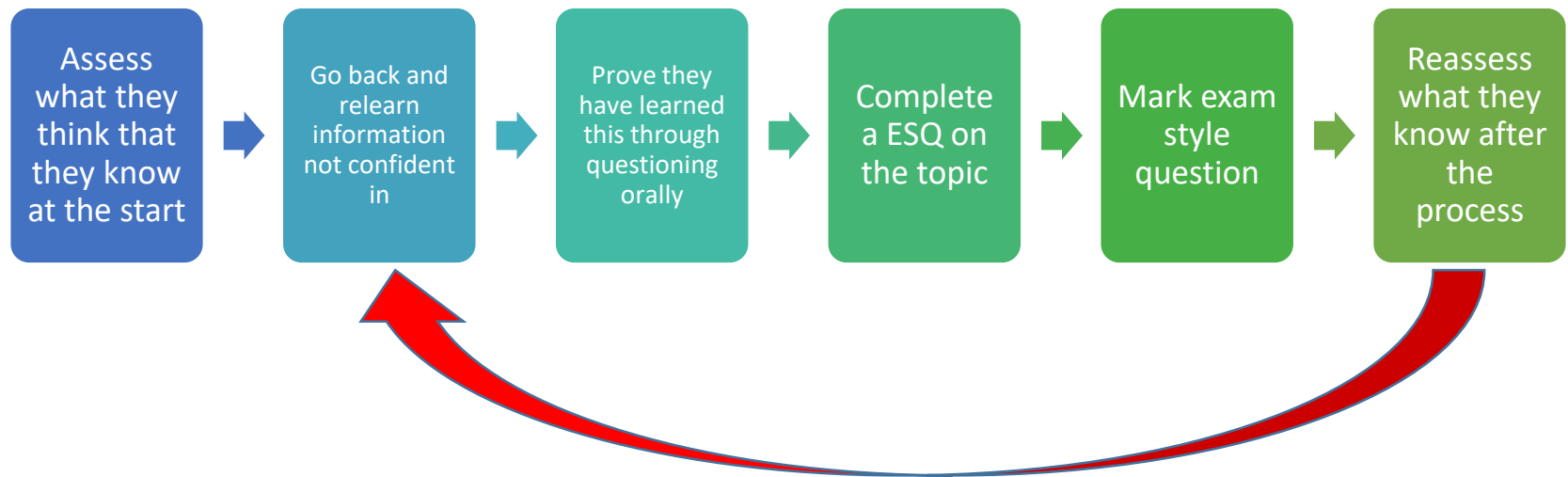
Explain what causes a heart attack and suggest reasons why Leo has had a heart attack but his much older brother has not.

 The quality of written communication will be assessed in your answer.

[6]

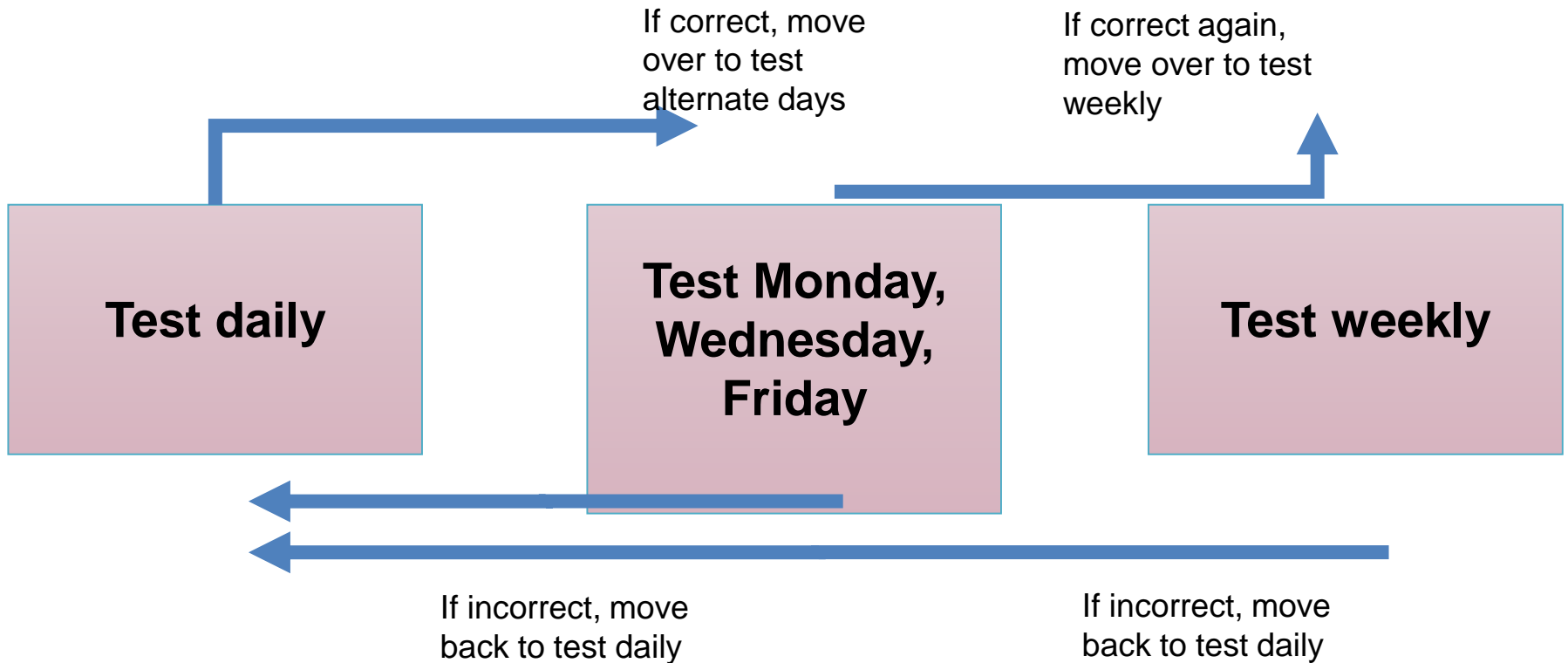
..... % [2]

How students should revise



~~Flashcards~~

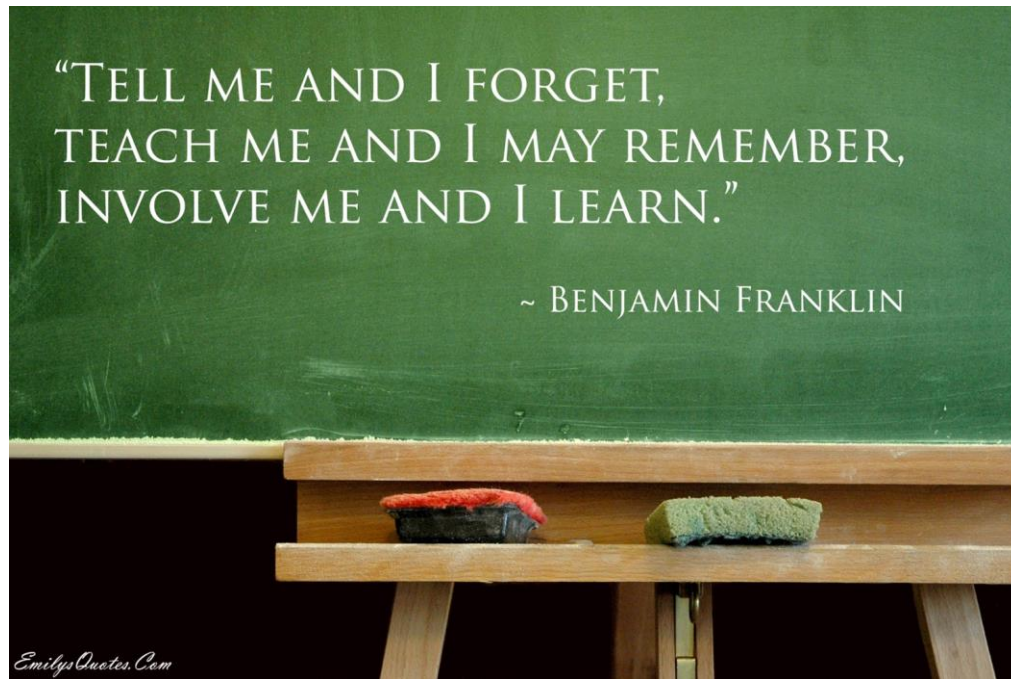
Flashcards are very simple as they are just cards with a question on one side and answer on the other that you can use to self-quiz or quiz with a partner. However, I am going to show you a very specific method for using these. This one is called The Leitner Method:

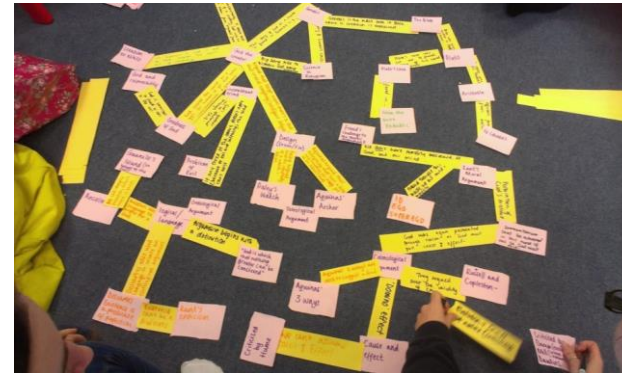


Teach it!

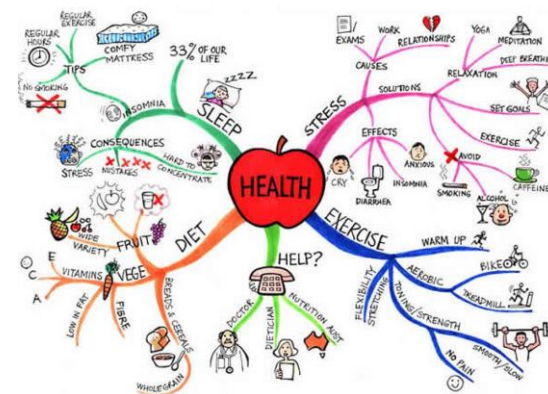
Get students to teach you – preferably in a practical way.....

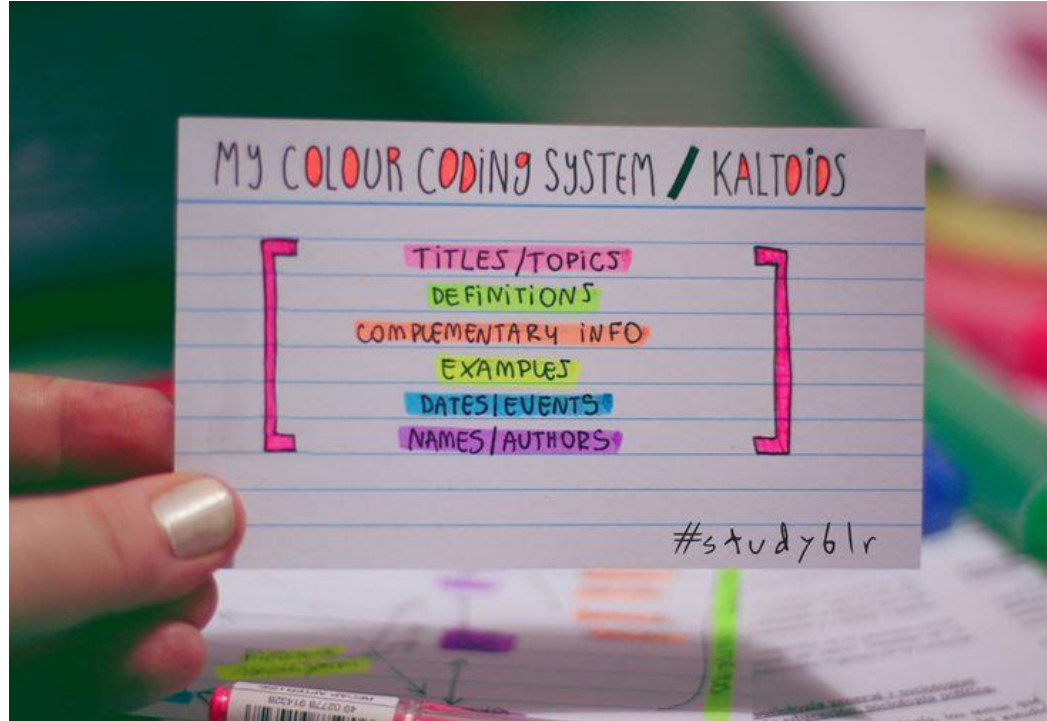
Once they have covered a topic get them to turn it into a quiz, a gap fill exercise, a diagram with missing labels, a jumbled up timeline. They then can test it out on you....





Mind mapping, mnemonics and flow charts





Get ready for colour coding and post-it-note mania!

How effective are different strategies?

- **Highlighting/underlining** - **LOW**
- **Keyword mnemonics** - choosing a word to associate with information - **LOW**
- **Imagery** - forming mental pictures while reading or listening - **LOW**
- **Re-reading** – **LOW**

- **Elaborative interrogation** - being able to explain a point or fact - **MODERATE**
- **Self-explanation** - how a problem was solved – **MODERATE**
- **Interleaved practice** - switching between different kinds of problems - **MODERATE**

- **Practice testing** - Self-testing to check knowledge - especially using flash cards - **HIGH**
- **Distributed practice** - spreading out study over time – **HIGH**
- **Exam Style Questions** – applying knowledge to new situations - **HIGH**

What can you do to help them?

Get them
organised

Make an
area they
can work in

Reward
effort not
results

Get them
resourced

Be an active
part of the
process

Keep an eye
on them