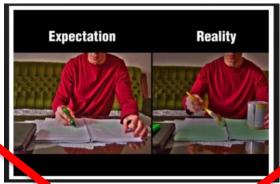
Ineffective study methods



Just reading notes



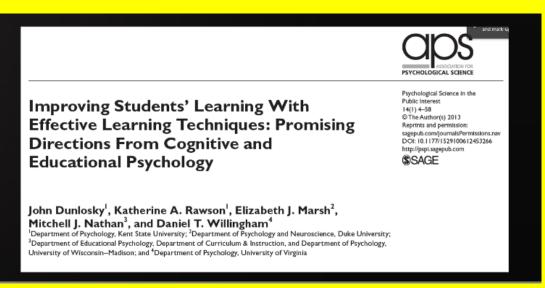
Just highlighting notes



Long study periods

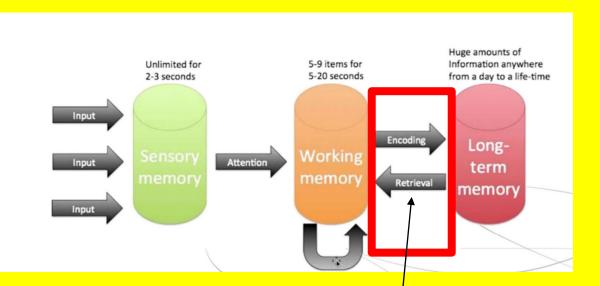


Just studying before an exam/cramming



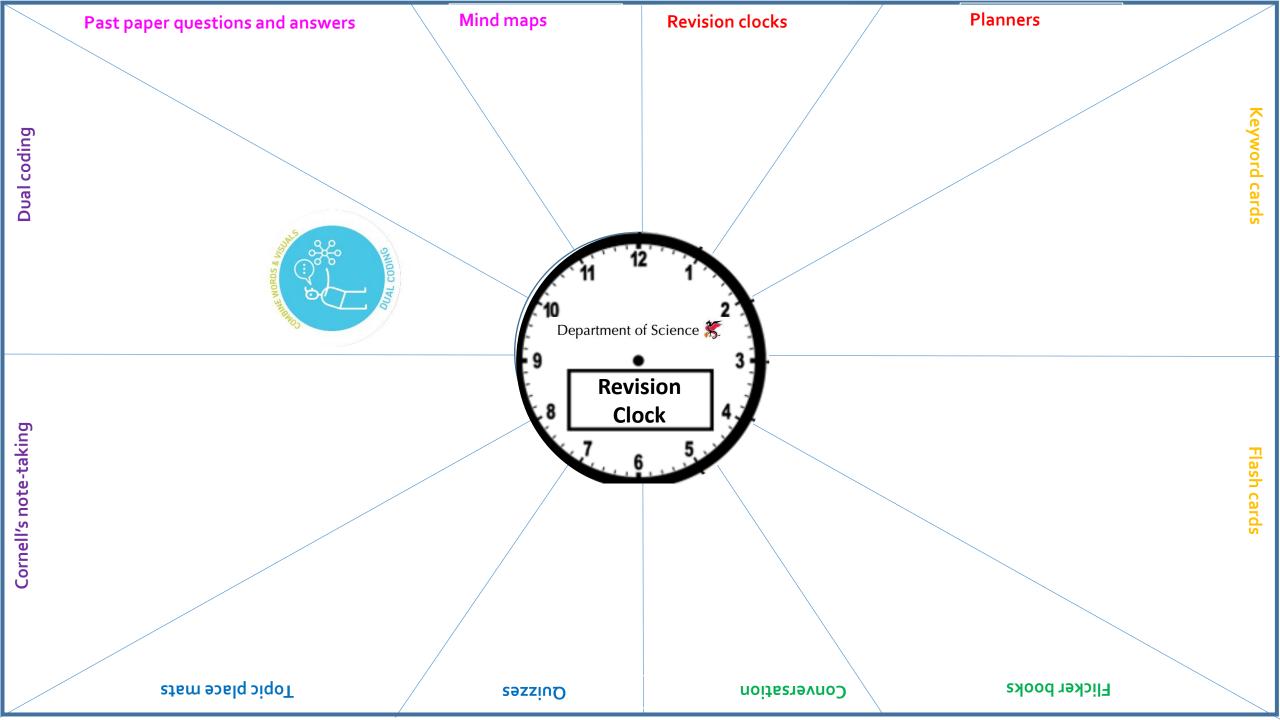


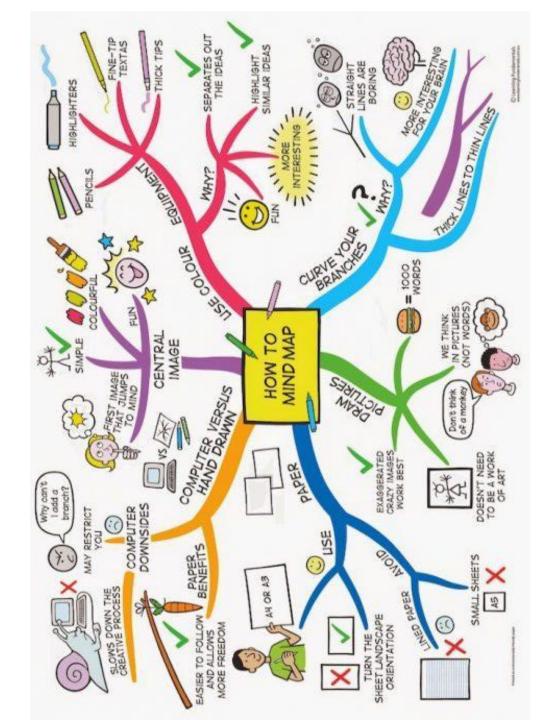
https://www.learningscientists.org/



This is the bit we are trying to improve when we revise.

Putting information in long term memory and then getting it back again when it matters!!





- Ideas for revising alone

 L. Dictate your notes into a reco
- ding device and listen to them ost-its and have them on

- Jude is what you need to revise more ou can cheat by putting the key points o ner you can hide in your pencil case. u can only write the most important the real exam.)

- the revision guide/your notes
 bullet points from revision guide/ notes
 e an exam paper include questions and a mark scheme.
 ng with others, swap and answer. Then swap back and

Draw diagrams/pictures from your notes Write descriptions of diagrams Answer questions from the revision guide aas for revising with others Put key words and definitions on to separa

- orots and definitions on to separate cards, turn them all mix them up. Then try to find the pairs by turning them buget a pair you get another go. The person with the svins, Play few times and keep adding more key a definition.

- ords and definitions ords and definitions ords and definitions or pieces of AA paper with key topics written on the paper and pass to another, Keep passing the paper until it is full. Afterwards, neck you understand everything on the paper, what you don't now you need to revise further.

 It was not to write it down first!, Now swap, expeat trying to get more key words into the 30 seconds (they might want to write it down first!). Now swap, epeat trying to get more key words into the 30 seconds without looking at their notes. Sing the criteria, give an answer to a question that will give you of the criteria, give an answer to a puestion that will give you of k as a team to push to the higher grades of the criteria, give an answer to a push of the criteria give an answer to see the control of the part of the word. Person with the tost wins that round. Then put them all back Round 2 same to the part of the word.

Student Revision Toolbox

- Back 2 Back One person describes what they can see on a diagram or picture on the topic, the other person can ask lots o questions but not look at the same thing. Student 2 draws what they think student one sees. When finished compare two
- Rizia/post-it note game (post it notes on forehead students have to ask yes/no questions to work out what/who they are)

Ideas revising in class or in a group 24. The big question. Write out about 5 questions.

- ons. Split class into a different
- parks.

 parcel: for the last lesson before they leave big pass el revision, in each layer is a question question has

- words and definitions to match (card sort)
 indoes with questions and answers,
 word mind maps link words with a statement
 over dinid maps link words with a statement
 will be concentrating on the "facts" so other groups can
 will be concentrating on the "facts" so other groups can
 ort on the delivery, coverage etc. (this focuses their
 fittion and allows a bit of all).

- 7. Flig chart paper with different topic titles Each student/team gets different colour pen all add what they know to each poster for 20 seconds then move to the next poster, Gets harder and harder the more you move around the room. Speed dating ten questions on a topic (e.g., a page in the revision guide) Table in a circle. Fall the pupils inside, half ourside the circle. For 4-5 minutes the pupils ask each other their questions. At the end of the 4 minutes either the outside or inside pupils move round one seat and repeat the exercise, Peer group learning Split group by into 3s. Each group takes a polic to summarise on A3 paper. After only 20 minutes chose one person from each group to go to the next group (they are the *LEARNER*) and learn about the topic they have

- trength and weakness are for a topic. r strength, others may have as a m a letter with key information that will s will write you a letter for your weakness
- area.

 Put the topic word on the board, pupils think about all the words associated with that topic but they expand that branch Can do this on paper as well and then photocopy it for all

Revision websites

- BBC bitesize bbc.co.uk/schools/bitesize

 Nacapaca revision quizzes on all topics http://yacapaca.com

 General revision topics http://jettevising.co.uk

 Revision guidance http://www.rrc.co.uk/StudySupport.aspx

 Quizzes and games for most subjects at sheppardsoftware.com

 Make a cartoon strip at makesbelefscombx.com/Comix

 Make a mind map using "freeming"

- emind_sourceforge.net/wiki/index.php/Main ind map online for other users to contribute to

- 53. Make a speaking avotar talking about a topic <u>volk.com</u>

 Golden Rules/Things to keep in mind

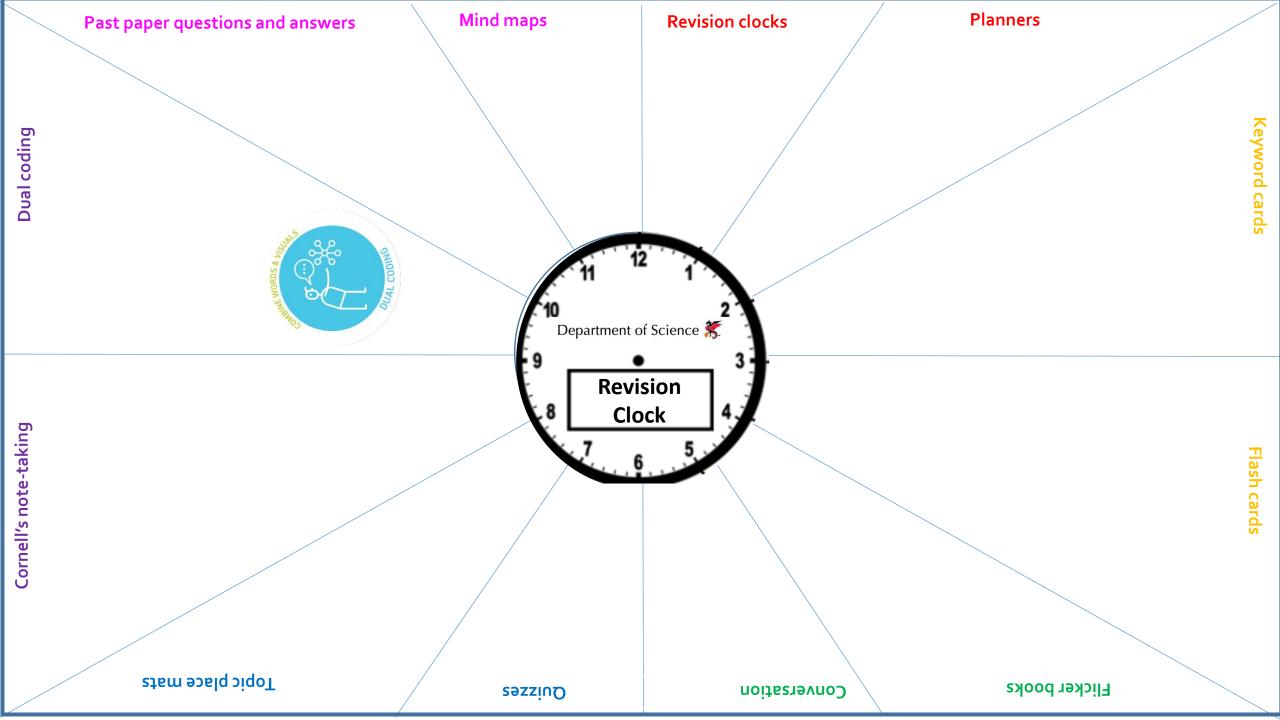
 54. Don't revise for long periods Have a break. 20-40 minutes
 per topic at a time with a break in-between might help.

 55. Revise somewhere you won't be disturbed and it's easy to
 work. Bedroom/Public Library/School Library/A café (you
 might have to buy something to stay wheel/friends or
 relatives house /The bottom of the garden or A local park (if
 you have one and it is not raining) you have one and it is not raini
 Planning your revision

 56. Make a revision diary AND a plane.

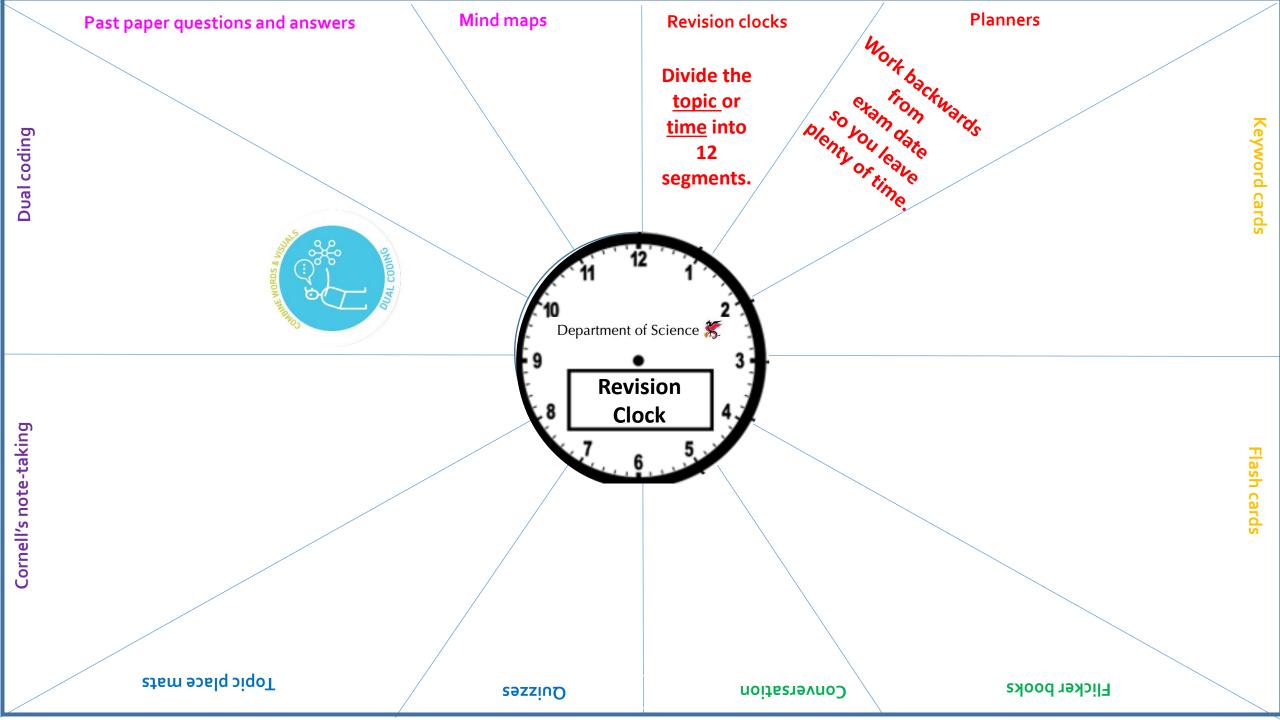
- Make a revision diary AND a planner Planners can be ignored, but if you write down what you have done you know how much you have actually covered Divide the number of topics you have to revise between the number of days you have left. Draw the plan one week per A4 sheet of paper. The plan enter the fixed events which you have to attend: on the plan enter the fixed events which you have to attend: on, birthday party, Youth Glub, Saturday job etc. Divide the remaining time into morning, attennoon, and weening essions of about 3 hours each, e.g. 9-12 a.m.; 2-4 m., 2-4 p. ...
- i, 7-9 p.m.
 separate pieces of paper take each of your subjects
 ie a list of all the topics for each one.

the topics in order of

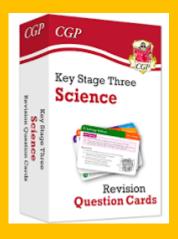


Time Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am							
10am							
11am							
12noon							
1pm							
2pm							
3pm							
4pm							7
5pm							

1	10	Monday	9 th Nov	Tuesday	10th Nov AcE Day	Wedneso	lay I I th Nov	Thursday	y I2 th Nov	Friday	13 th Nov	WICM	
	riod I 0-9.25				8.30 -9.40 Mock English 1hr –Rm 27A			7.2a	Absorption	6K	Animal Vs Plant Cell onion slide		
	riod 2 I-10.25	8.1	Green plants and environment		9.45-10.50 Mock Maths Scholars 1hr –Rm 28A						Science meetin	ng	
Br	reak									7.2b	Absorption		
	riod 3 0-11.45	7.2a	Enzymes + temperature					5	Appraisai				
	riod 4 0-12.45	7.2b	Enzymes + temperature					6A DR	Specialised cells				
Lu	unch		ECO						ECO				
	riod 5 5-14.40		Remembrance service		13.50 – 14.10 Register? 8L Revision Plans – Lab 1 14.15 – 14.10 Register? 8L Revision Plans – Room 28 Break 14.35-14.50 Backfield Science Labs wet break			8.1	Assessment Waves/ Light/ Sound	8			
	riod 6 5-15.40	6A	Cells lesson I TPR BOOK				Reports 6/7	6K 18L	Specialised cells				
			olarship paper ymes graph										

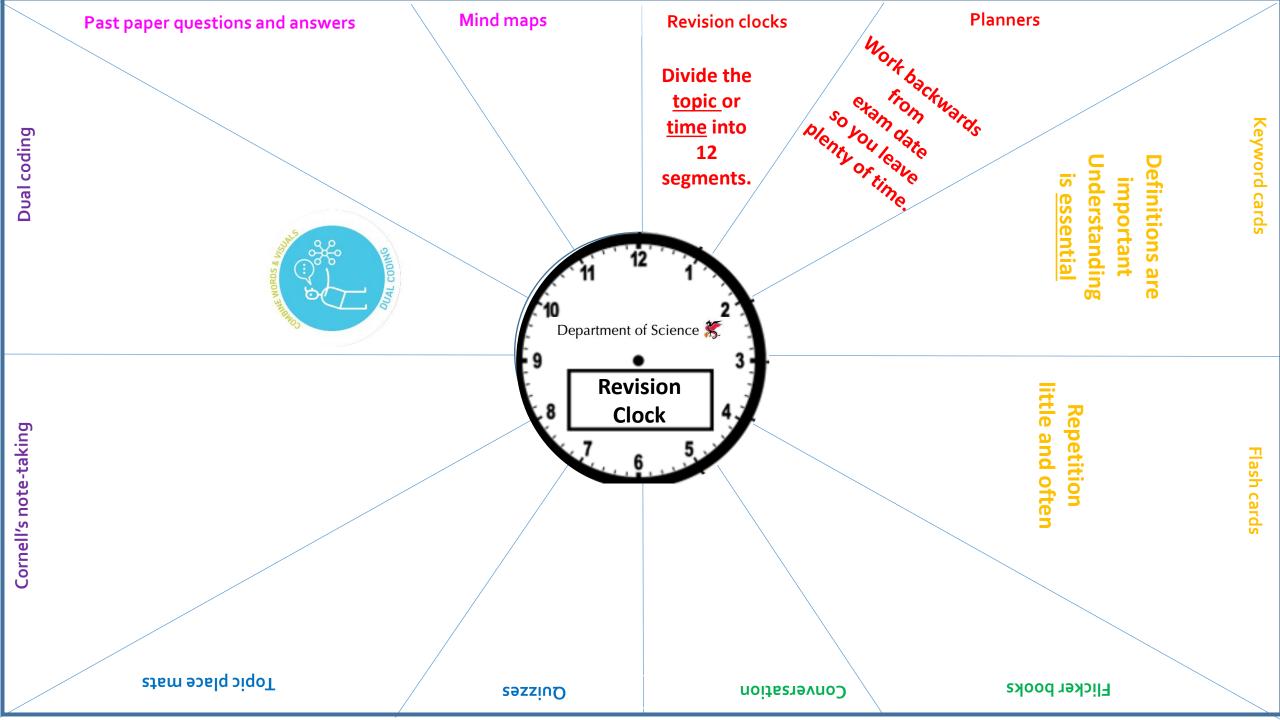


Genotype	The combination of alleles which you carry for a particular gene	Dominant Allele	An allele which is always expressed when it is present.	
Phenotype	Physical appearance	Recessive Allele	An allele which can be masked by another allele it is only expressed when bug copies are present	
Chromosome	Made up of many genes	Homozygous	If an individual has two-copies of same allele of a gene the individual is	
Allele	Different versions of the same gene	Heterozygous	If an individual has two different alleles of a gene the individual is	
DNA	The chemical code that makes up your genes	Gene	A short section of DNA that tells a cell how to make one type of protein.	





Correctly answered cards 1 2 3 4 5 Incorrectly answered cards



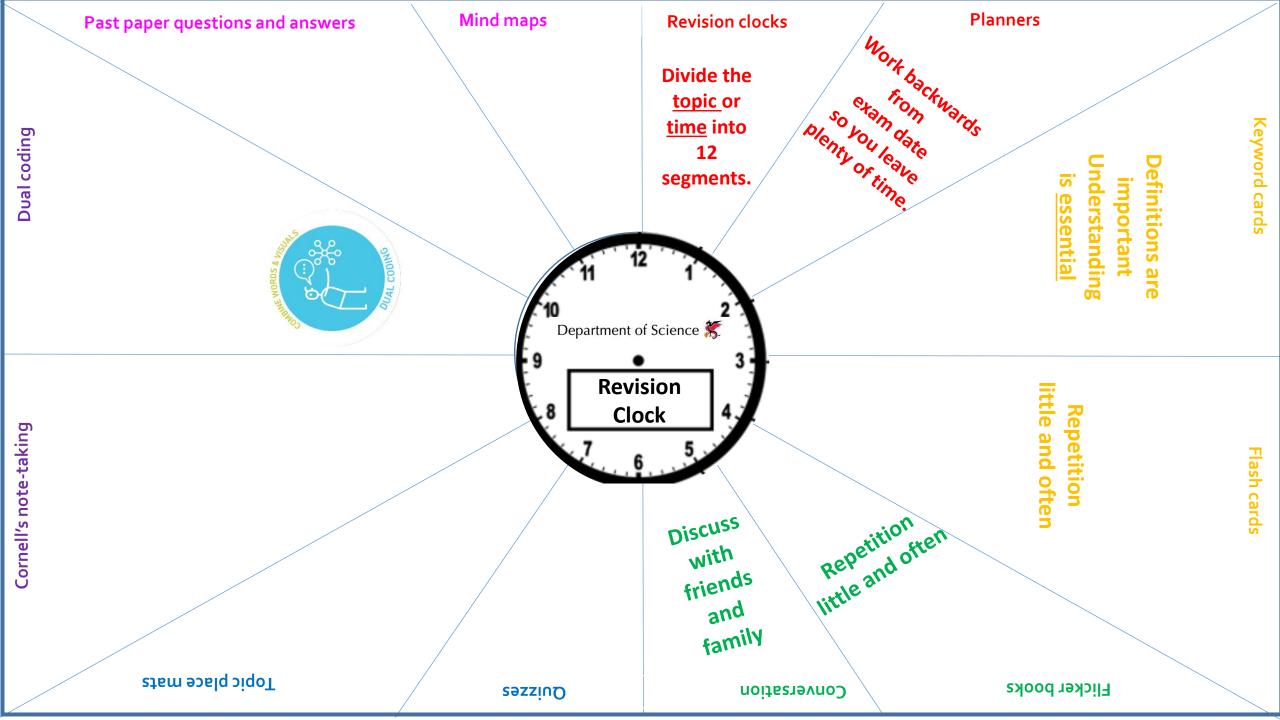
Conversation Partner Talk

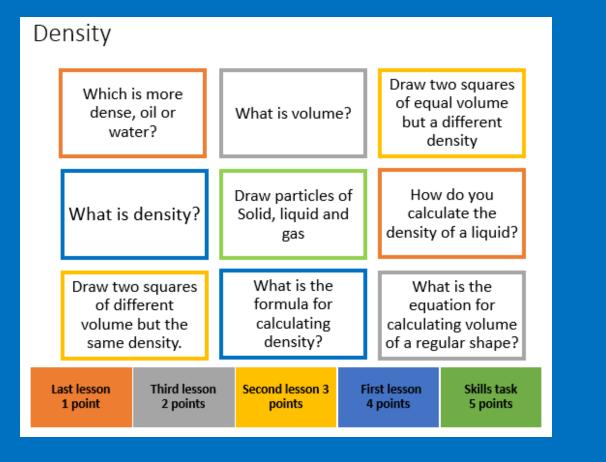
PARTNER ONE

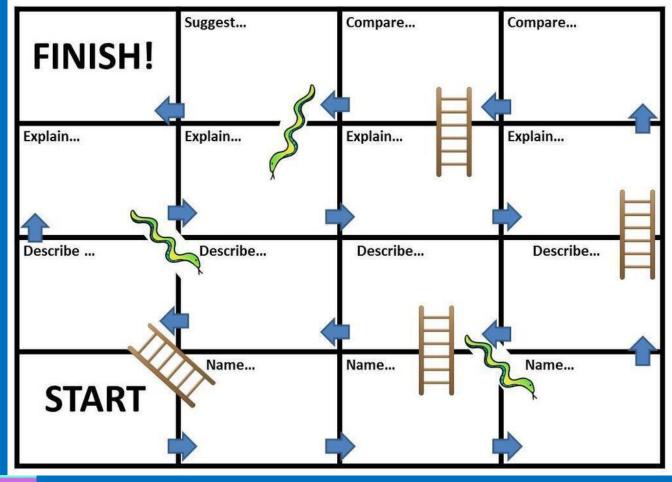
- 1. What is digestion?
- 2. What is an enzyme?
- 3. Name the route a piece of food takes in the body?
- 4. What happens in the large intestine?
- 5. What is starch?

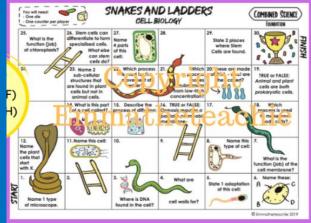
PARTNER TWO

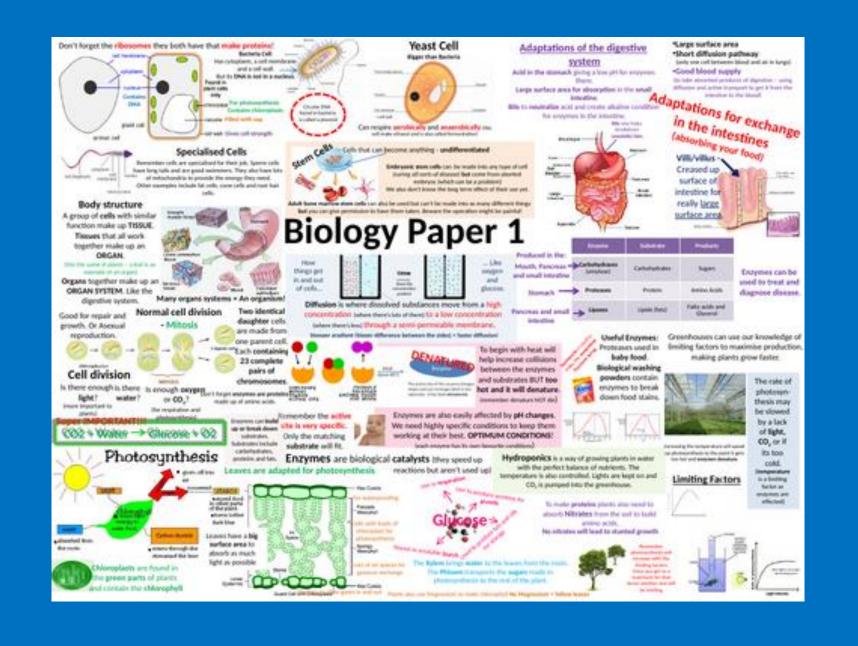
- 1. Why does food need to be digested?
- 2. List some examples of enzymes?
- 3. Name the 7 food nutrient groups
- 4. What happens in the small intestine?
- 5. Which enzyme breaks down starch?

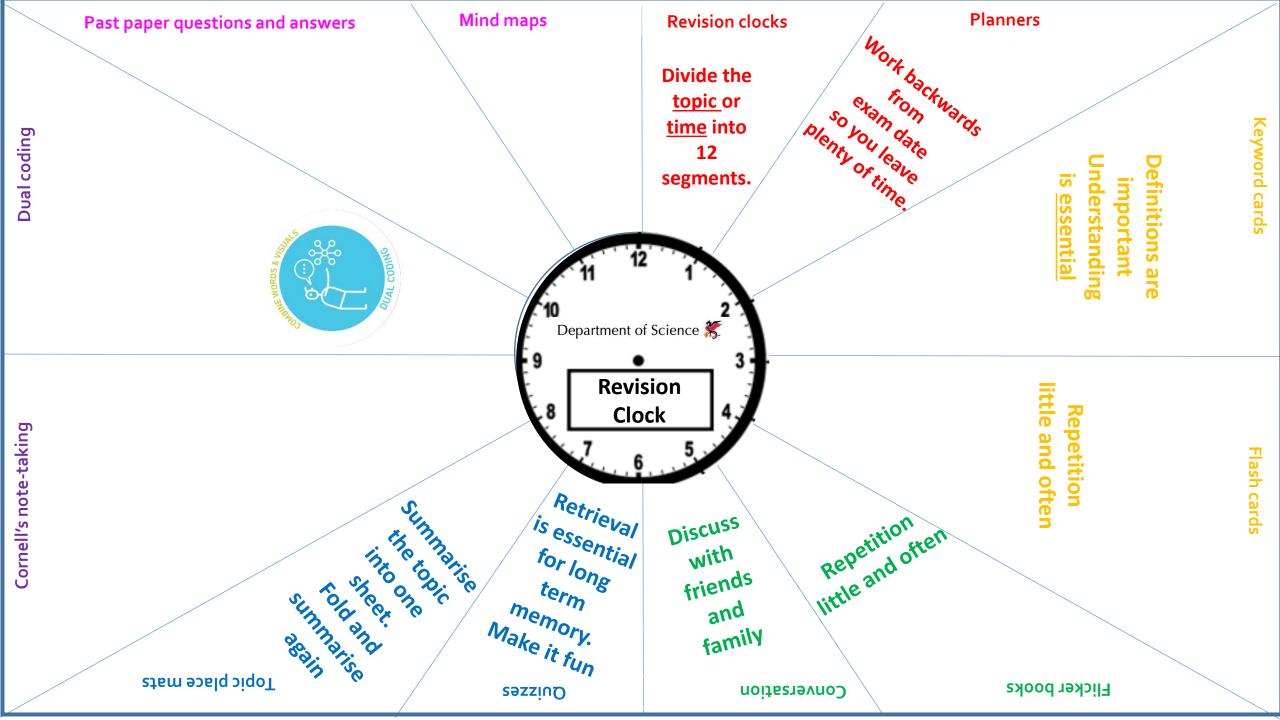


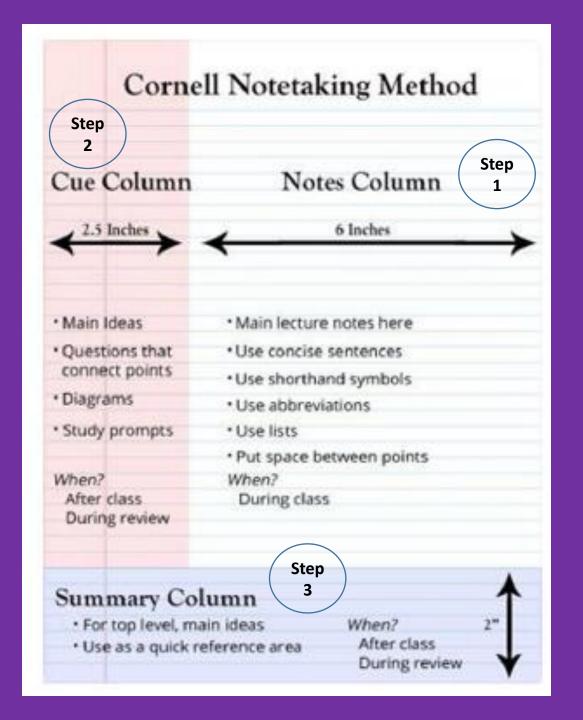












Helps to keep notes organised.

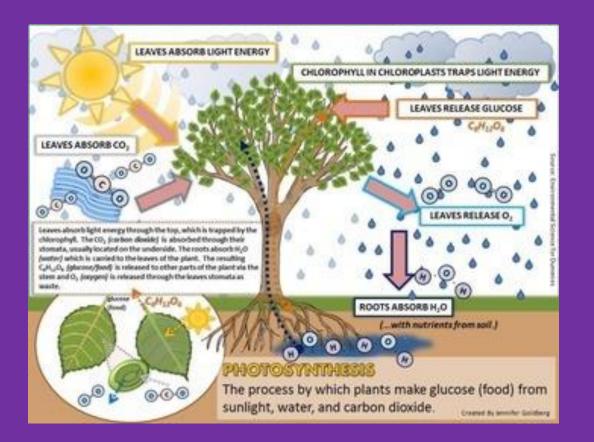
Creates study sheets.

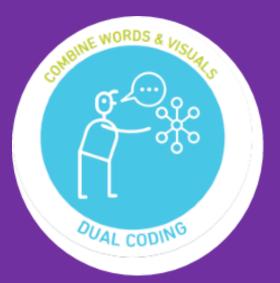
Can quickly and identify **key** words and **key concepts**.

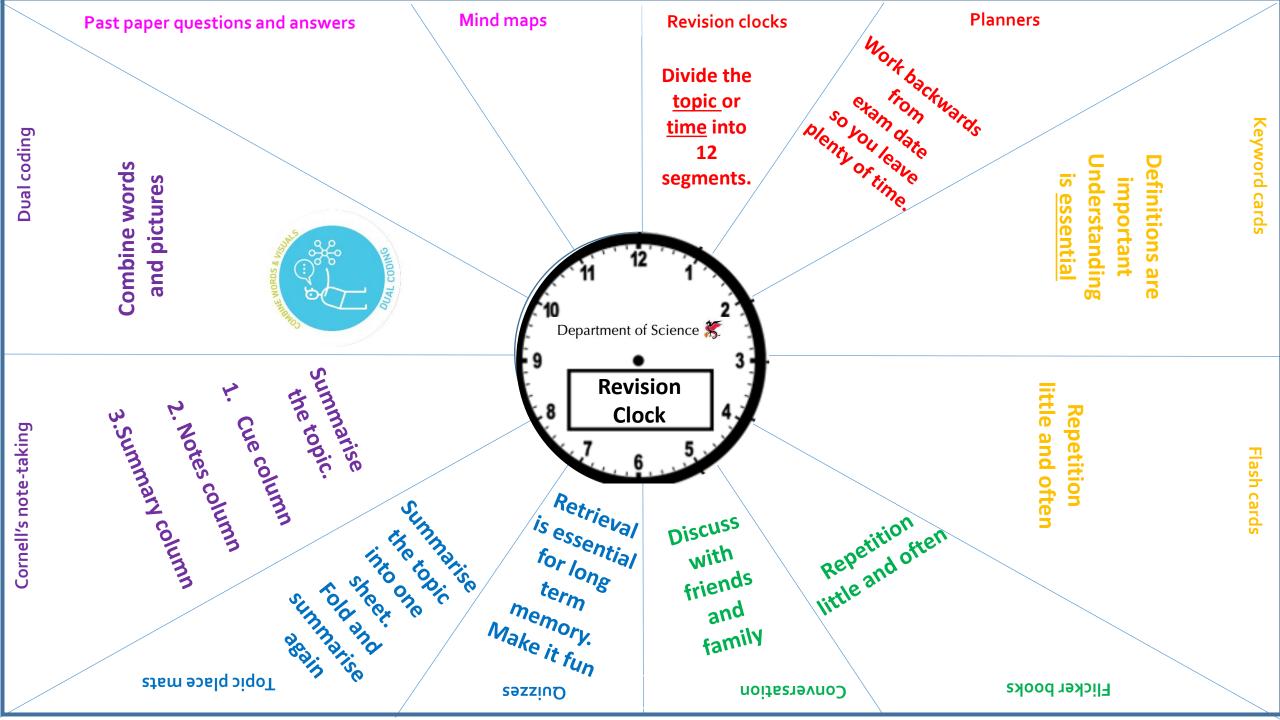
Notes can easily be used as a study guide for exams preparation and for self-quizzing

Examples

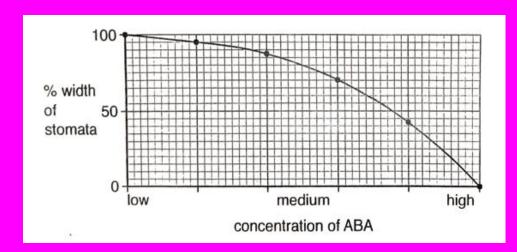
				Potential difference of resistance
Meaning	Flectiolysis Neathing dain usua electricity—Danent val to bearboun ionic confined.	Polential (p.d)	steene_	· battery torces electrous to pass Mrs cauparants · trunneler -> measures current (aups) connected in series · lottometer -> measures o d across caupanants (notis) · canected in garrallel · f . D = truegy brusteried to the livits to each colonis of chage Poly = energy brusteried(e)
- Method Add → Ø-Anade	elédolyte - A elegolodes that go into the electrolyte Londoloning hads—(E) termical = Annone McFleuchive — Romanal = Connobe	Danis		univac (a)
·lulat happeus + e -	nut teuchive — () leminal = chinosit eg brophike Opposit charges atmact - Gious more to catuade - Gious more to anoche ious nove to electrolles - base charge relements	Restance		-Arous in metals resist (star) electrous plusting that trave. Assistance = potential difference(v) (c) correct (I) (ohms) (desistance = small
· why it happens	gas formed or metal deposited soft me now for product extending product sonicity.	lutterk t	id grapus	Current is directly proportional to p.d. Directly proportional to p.d. constant keyo's is directly proportional to p.d. across relistor. Directly proportional to p.d. across relistor. Directly proportional to p.d. across relistor. Somic conductor = metal mire whos resistance is constant. As content changes > (only when temp' is constant). Less Steep the line + greater resistance.
	-some inic conjunds > v high neiting pink -some have conjunds > and he this shed in water = Causs - (ag) -b aguers = dissoved in water			as current changes > (only when temp' is constant) - Less Steep the line + greater resistance
· Electronesis · Forte engli · Electrones · Positie ions	brooks daw a substance using electricity was son the electrolysed unen meded = medlen ex a vigiter to make to carry a charge of the cathode, negative items moved electrole.		Ain animete neasurs p	r mussines funcent in dups of connected in series a voltment of a connected in series a voltment less stance steps electrons from morning function.
				3/100 3/100







1) Describe the effects of increasing concentration of ABA on the width of the stomata. [3]

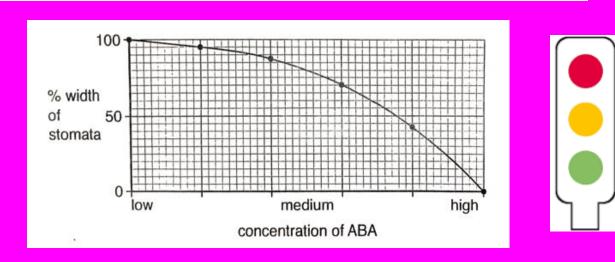


COMMAND WORDS

Command words are the words and phrases used in exams that tell you how to answer a question.

Command Words	Meanings – (what you are expected to do when these words
	appear in questions in exam)
1. Calculate	Use numbers given in the question to work out the answer.
2. Choose*	Select from a range of alternatives.
3. Compare	Describe the similarities and/or differences between things,
	not just write about one.
4. Complete	Answers should be written in the space provided, for
	example, on a diagram, in spaces in a sentence or in a table
5. Define*	Specify the meaning of something.
6. Describe	Recall some facts, events or process in an accurate way.
7. Design*	Set out how something will be done.
8. Determine*	Use given data or information to obtain and answer
9. Draw	To produce, or add to, a diagram. Estimate Assign an
	approximate value.
10.Estimate	Assign an approximate value.
11.Evaluate	Use the information supplied as well as their knowledge and
	understanding to consider evidence for and against.
12.Explain	Make something clear, or state the reasons for something happening.
13.Justify	Use evidence from the information supplied to support an answer.
14.Give	Only a short answer is required, not an explanation or a description.
15.Identify*	Name or otherwise characterise. Justify Use evidence from the information supplied to support an answer.

1) Describe the effects of increasing concentration of ABA on the width of the stomata. [3]

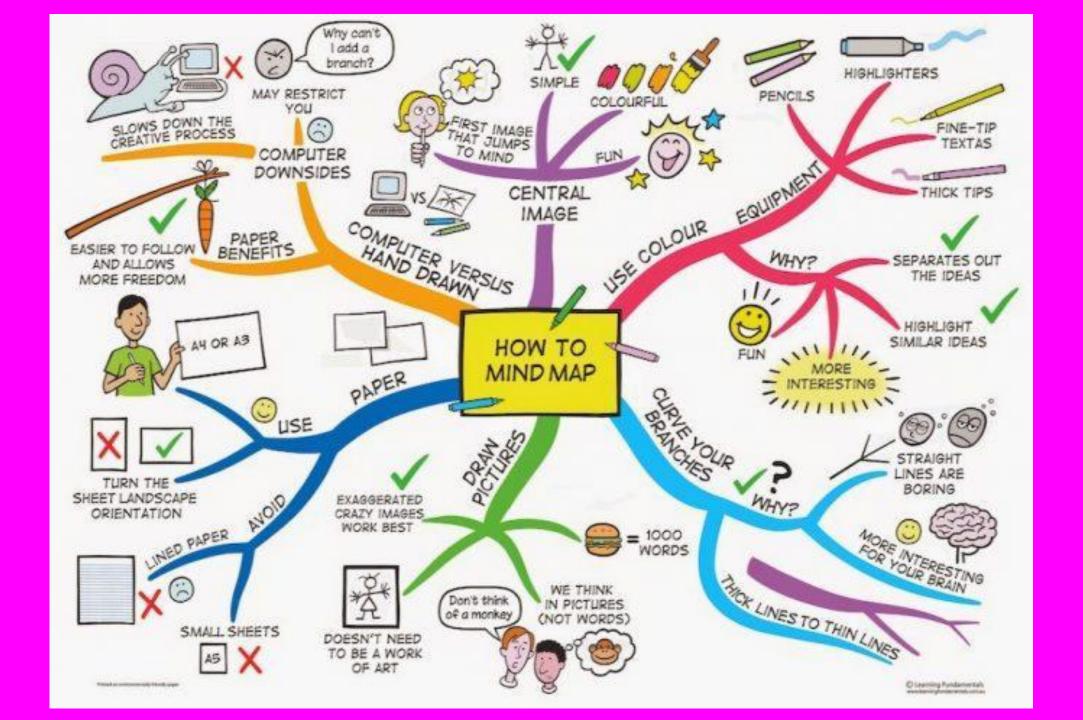


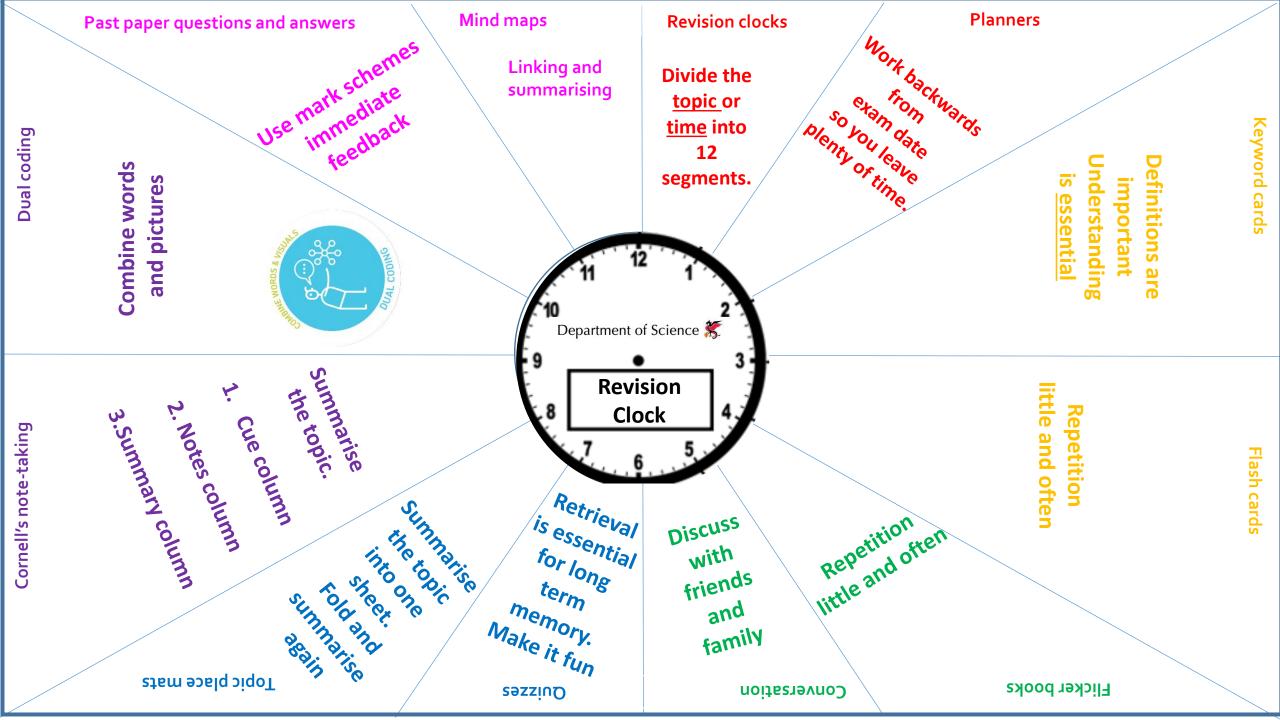
- As the concentration of ABA increases the percentage width of the stomata decreases
- As the concentration shifts from low to medium the width closes to 75%
- As the concentration moves from medium to high the width of the stomata reduces dramatically and they are closed in high concentrations

COMMAND WORDS

Command words are the words and phrases used in exams that tell you how to answer a question.

Command Words	Meanings – (what you are expected to do when these words
	appear in questions in exam)
1. Calculate	Use numbers given in the question to work out the answer.
2. Choose*	Select from a range of alternatives.
3. Compare	Describe the similarities and/or differences between things, not just write about one.
4. Complete	Answers should be written in the space provided, for example, on a diagram, in spaces in a sentence or in a table
5. Define*	Specify the meaning of something.
6. Describe	Recall some facts, events or process in an accurate way.
7. Design*	Set out how something will be done.
8. Determine*	Use given data or information to obtain and answer
9. Draw	To produce, or add to, a diagram. Estimate Assign an approximate value.
10.Estimate	Assign an approximate value.
11.Evaluate	Use the information supplied as well as their knowledge and understanding to consider evidence for and against.
12.Explain	Make something clear, or state the reasons for something happening.
13.Justify	Use evidence from the information supplied to support an answer.
14.Give	Only a short answer is required, not an explanation or a description.
15.Identify*	Name or otherwise characterise. Justify Use evidence from the information supplied to support an answer.









Keyword	<u>Definition</u>
Spaced practice	Start planning early for exams and set aside a little bit of time everyday. Five hours spread out over two weeks is better than the same five hours all at once. This is one of the most effective revision strategies. The ideal is 20-30 minutes per session.
Interleaving	Interleaving is a process where students mix & combine multiple subjects & topics while they study in order to improve their learning. Rather than studying one topic for a long time before moving to another. This leads to better long-term memory.
Elaboration	This involves explaining and describing ideas in lots of detail, asking further questions about what you are learning and making links to help you connect new information with what you already know.
Concrete examples	Concrete examples involves finding & using specific, real-life examples to help develop & deepen understanding of abstract ideas. Abstract ideas can be difficult to understand & explain. Our memories find it easier to remember concrete examples better than abstract information.
Dual coding	Dual coding is the process of combining verbal materials with visual materials. There are many ways to visually represent materials, such as with infographics, timelines, cartoon/comic strips, diagrams and graphic organisers.
Retrieval practice	Through the act of pulling information out from your long term memory (retrieval), our memory for that information is strengthened and forgetting is less likely to occur. We are more likely to remember it when we need to.



Just Get Started

The First Step is Always the Hardest