Y10 Revision Skills Session 2: Cornell Notes and Flashcards

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Why Revise?

- Classwork and homework are the bare minimum
- GCSEs are a national competition: you have to go above and beyond for top grades
- Y10 content needs to be retained until the end of Y11
- Y11 new course content will be taught up until Easter 2024
- New learning has to run alongside revision of old content

Do Now

On a MWB, answer the following questions based on the first session then discuss with your tutor.

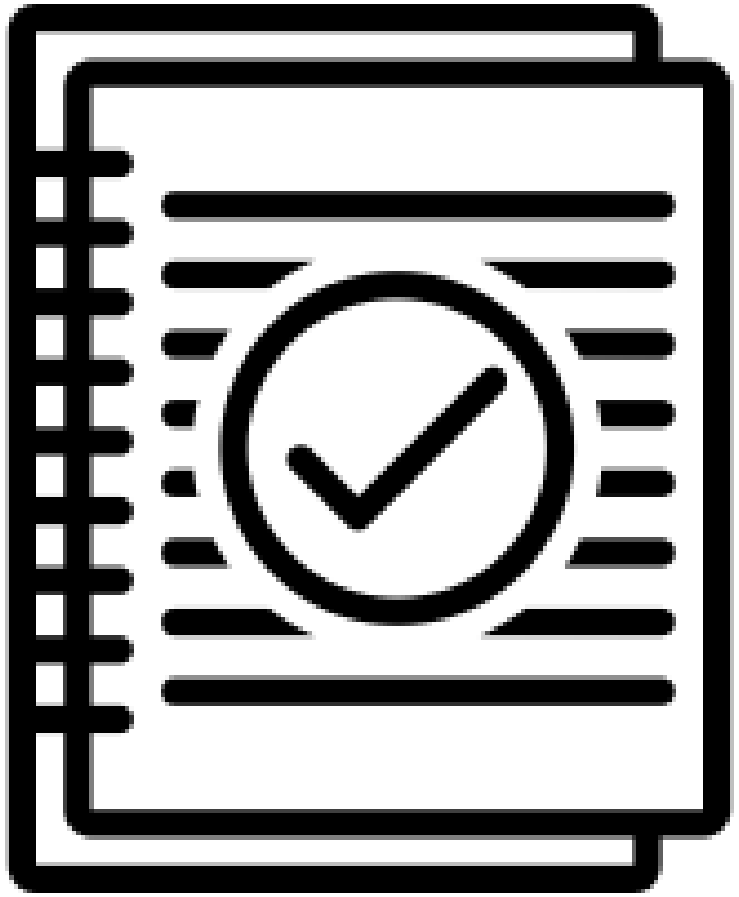
1. Why is difficulty desirable when revising?
2. Why should we avoid naïve practice?
3. How do we avoid forgetting new material?

Do Now

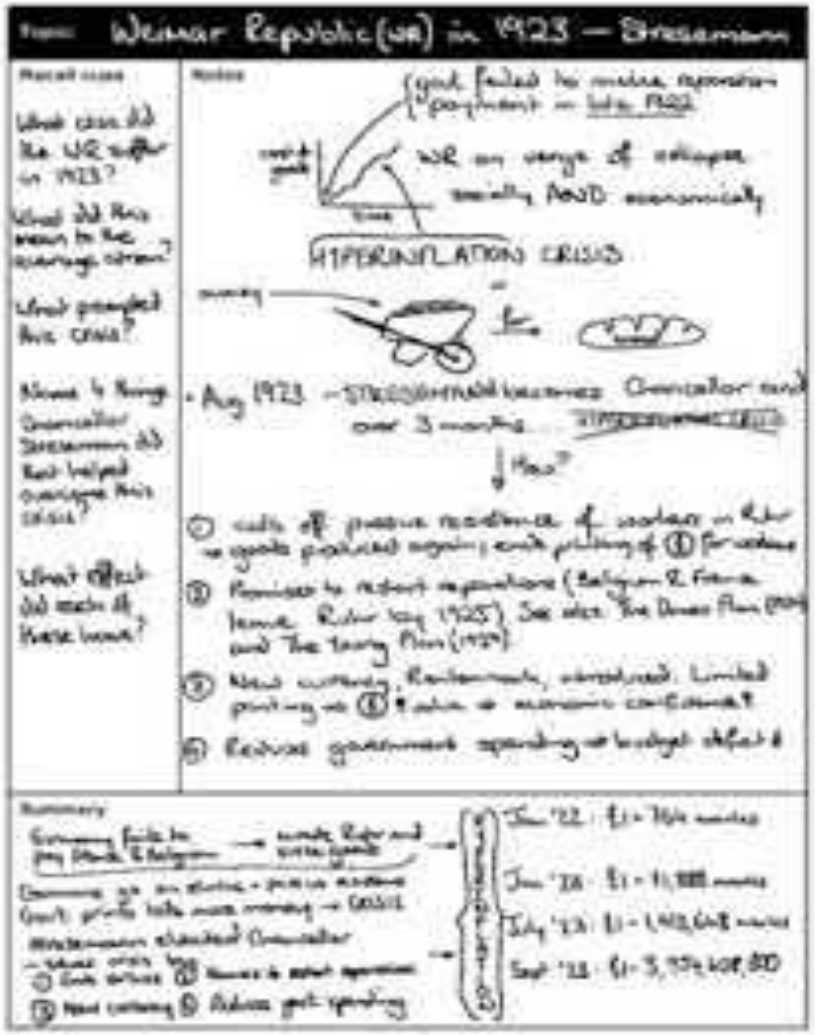
Tutor Discussion of Answers:

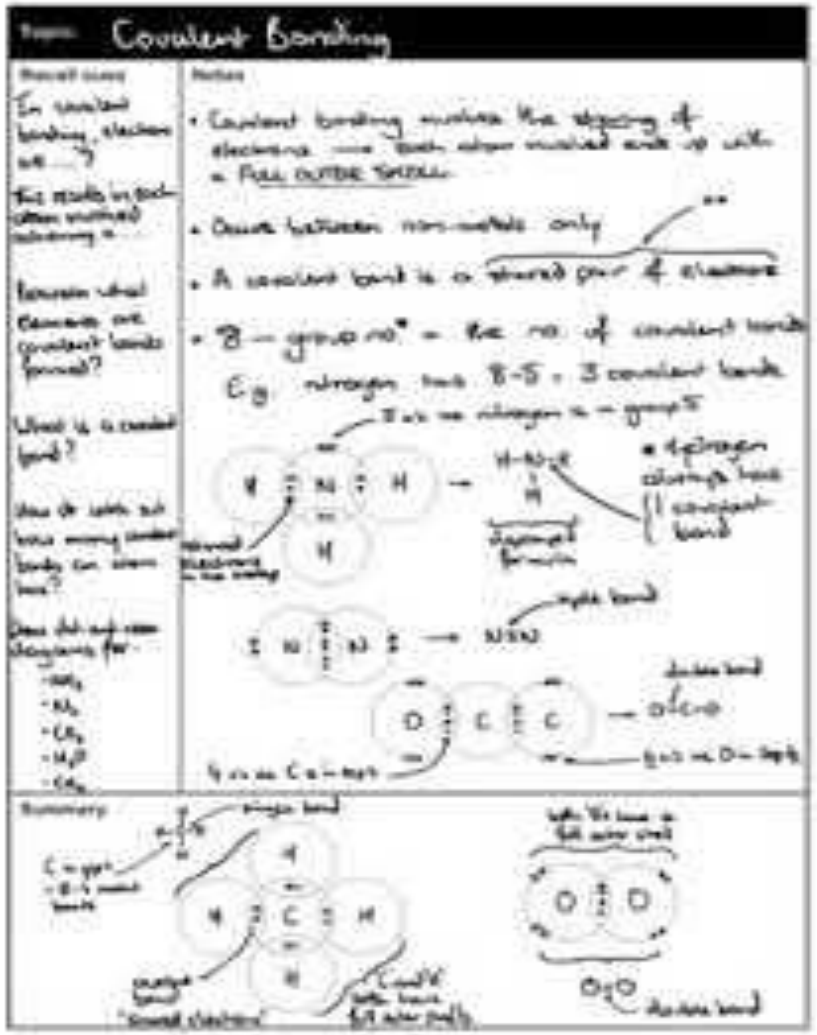
1. Difficulty is desirable because revision should be challenging us to recall information, not just confirming what we already know. This gives us a false sense of success.
2. Naïve practice should be avoided because although it feels reassuring to go over content that we already know, it is not effective revision.
3. We avoid forgetting new material by making time for deliberate practice and recall.

Summarising

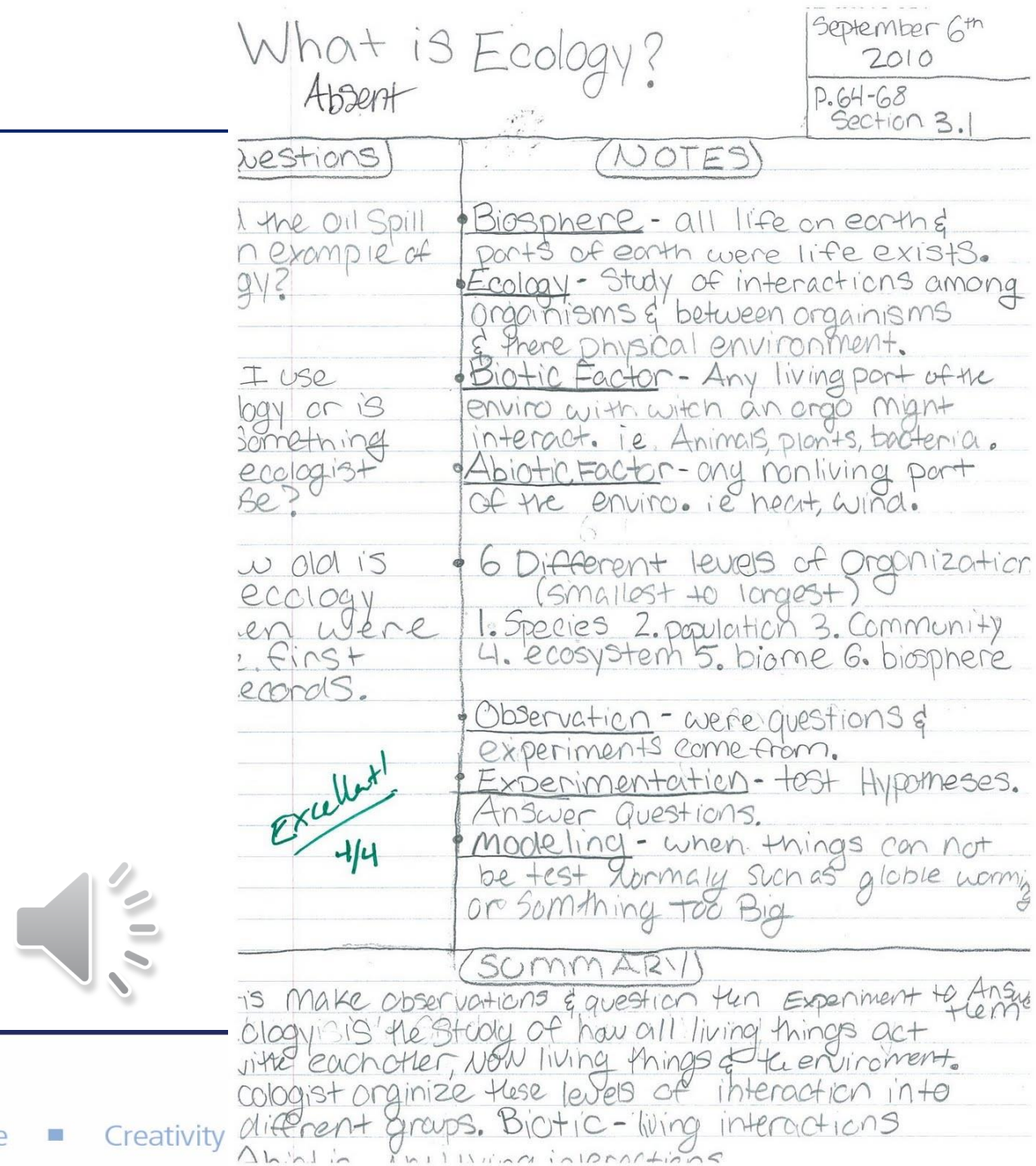


Cornell Notes





Examples



What is Ecology?
Absent

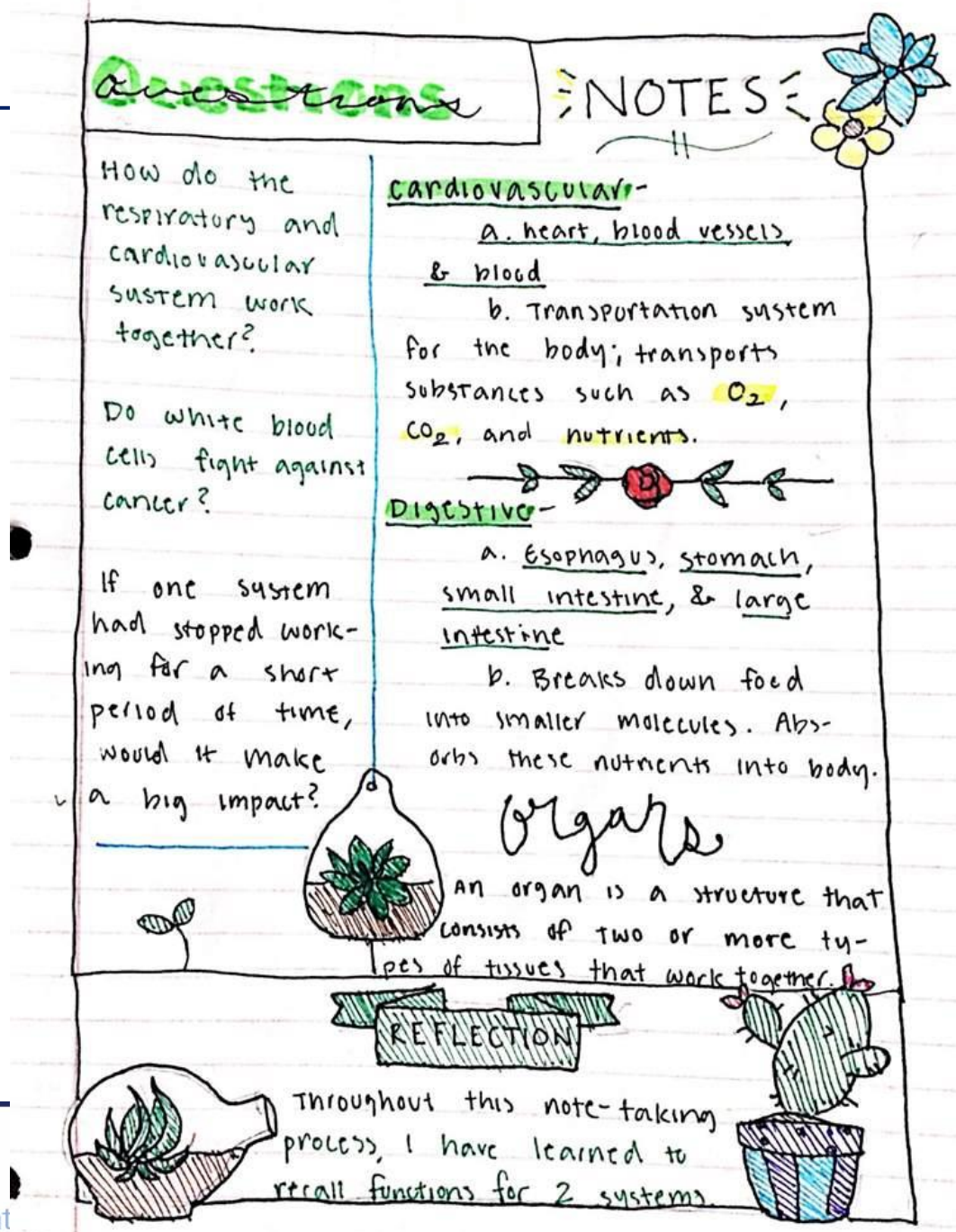
September 6th 2010
P.64-68
Section 3.1

Questions	NOTES
the oil Spill n example of gy?	• Biosphere - all life on earth & parts of earth were life exists. • Ecology - Study of interactions among organisms & between organisms & there physical environment.
I use logy or is something ecologist Be?	• Biotic Factor - Any living part of the enviro with witch an orgo might interact. ie. Animals, plants, bacteria. • Abiotic Factor - any nonliving part of the enviro. ie heat, wind.
w old is ecology en were first ecords.	• 6 Different levels of Organizatior (smallest to largest) 1. Species 2. population 3. Community 4. ecosystem 5. biome 6. biosphere
Excellent! 4/4	• Observation - were questions & experiments come from. • Experimentation - test Hypotheses. Answer Questions. • Modeling - when things can not be test normaly such as globle warmi or something too Big

SUMMARY

is make observations & question then Experiment to Answ them
ology is the Study of how all living things act with eachother, NON living things & the environment.
cologist orginize these levels of interaction into different groups. Biotic - living interactions

Examples


Questions
NOTES
How do the respiratory and cardiovascular system work together?
Do white blood cells fight against cancer?
If one system had stopped working for a short period of time, would it make a big impact?
cardiovascular-
a. heart, blood vessels & blood
b. Transportation system for the body; transports substances such as O_2, CO_2, and nutrients.
Digestive-
a. Esophagus, stomach, small intestine, & large intestine
b. Breaks down food into smaller molecules. Absorbs these nutrients into body.
Organs
An organ is a structure that consists of two or more types of tissues that work together.
REFLECTION
Throughout this note-taking process, I have learned to recall functions for 2 systems.

Examples

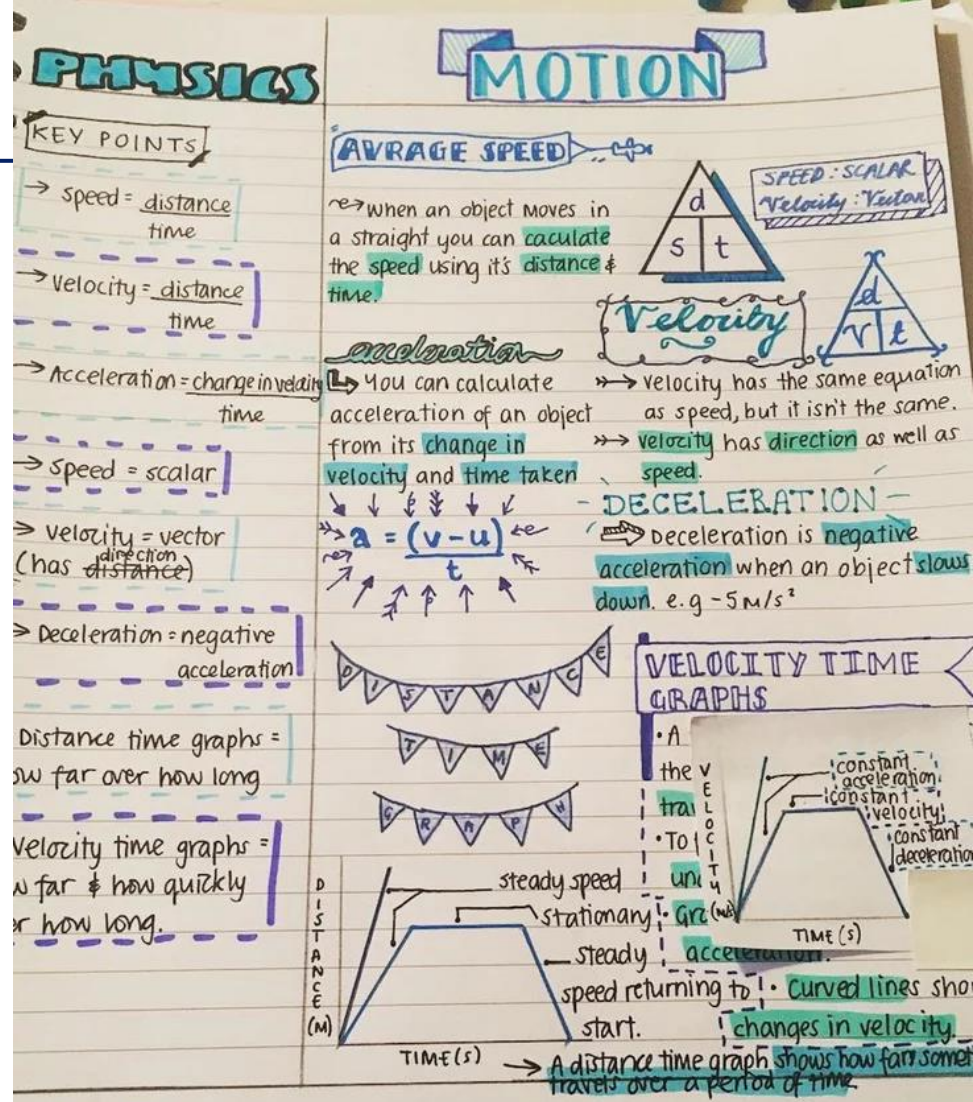
Cornell Two-Column Notes

Keywords:	Notes:
	Types of Matter
Solids	I. Solids A. Have a definite shape B. Have a definite volume
Liquids	II. Liquids A. Do not have a definite shape B. Have a definite volume
Gases	III. Gases A. Do not have a definite shape B. Do not have a definite volume

Summary:

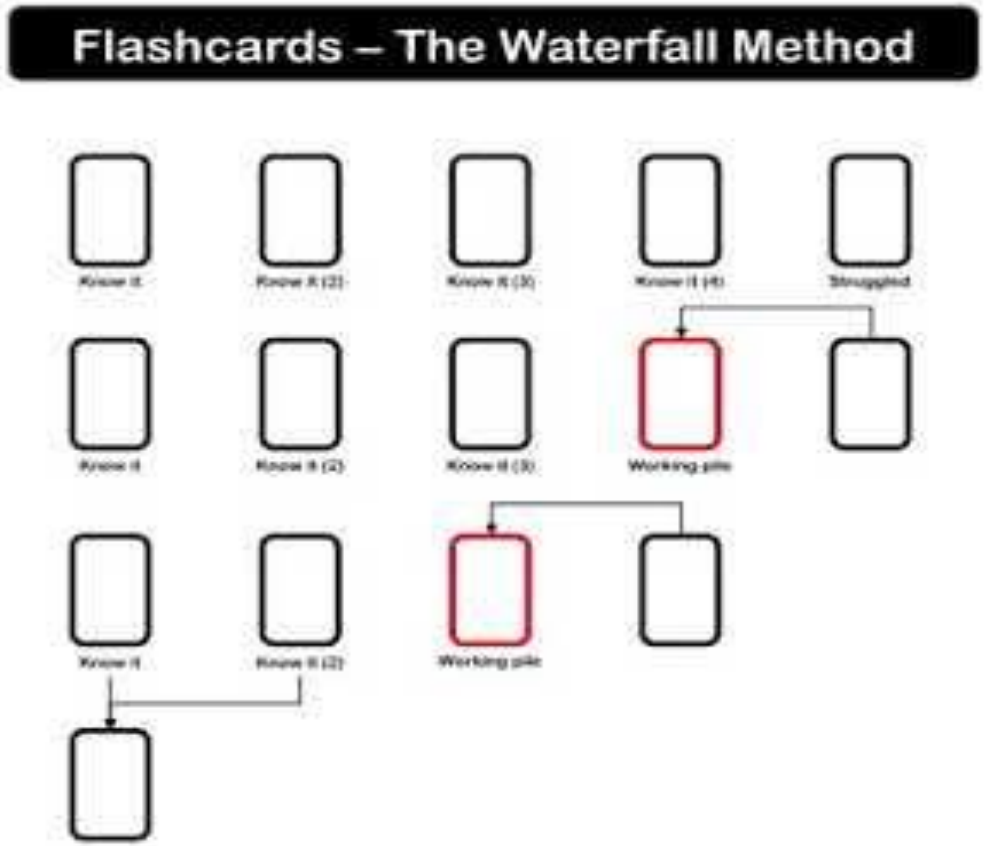
(Insert summary of lecture after class.)

Examples


PHYSICS
MOTION
KEY POINTS
Speed = distance / time
Velocity = distance / time
Acceleration = change in velocity / time
Speed = scalar
Velocity = vector (has direction ~~distance~~)
Deceleration = negative acceleration
Distance time graphs = how far over how long
Velocity time graphs = how far & how quickly over how long.
AVRAGE SPEED
When an object moves in a straight you can caculate the speed using it's distance & time.
SPEED : SCALAR
Velocity : Vector
d
s t
Velocity
d
v t
acceleration
You can calculate acceleration of an object from its change in velocity and time taken
a = (v - u) / t
Velocity has the same equation as speed, but it isn't the same.
Velocity has direction as well as speed.
- DECELERATION -
Deceleration is negative acceleration when an object slows down. e.g -5m/s²
DISTANCE
TIME
GRAPH
VELOCITY TIME GRAPHS
steady speed
stationary
steady speed returning to start.
DISTANCE (M)
TIME (S)
constant acceleration
constant velocity
constant deceleration
VELOCITY
TIME (S)
Curved lines sho
changes in velocity.
A distance time graph shows how far some
travels over a period of time
ummary
Speed is distance over time and has no direction
Velocity has both speed and direction. The same equation is
Acceleration is when an object speeds up. Aceleration is change in velocity over t
eceleration is negative acceleration, therefore always has negative sign.
peed time graphs show distance and speed over a period of time. NEVER STATIONAR
stance time graphs the distance over a period of time.

Summarising and self-testing

Flashcards


Flashcards – The Waterfall Method
Working pile
Working pile

Your Revision Schedule

Year 10

End Of Year Examinations

Monday 5th June 2023 – Thursday 22nd June 2023

Information, Support and Guidance.

Year 10 Revision Schedule

This document contains a revision schedule that has been created to support you in preparing for your upcoming End of Year Assessments. This revision schedule has been designed to complement your homework tasks – it is an optional (but highly recommended) additional layer of support to help you achieve success. If you have any questions about any of the tasks suggested, please speak to your subject teachers who are always more than happy to support.

WB 15th May – Week A

Block	Subject	Focus/method/resource	Time	When?	
Core	English	Create flashcards for lines 1-8 of the Macbeth KO. Use flashcards to self-quiz. Create flashcards for lines 1-9 of the ACC KO. Use flashcards to self-quiz.	30 mins		
	Maths	First half of non-calculator revision pack.	30 mins		
	Science	Select 1 biology topic you feel less confident in and create a mind map of the main concepts. Use the resources linked on the support page and your KO to help you.	30 mins		
A	Art	Complete 'Composition Planning'/ 'Statement of Intent' and 'Final Plan' pages in sketchbook.	30 mins		
	RS	Create flashcards to self-quiz on Christianity using the Christian Beliefs Knowledge Organiser.	30 mins		
	Geography	Create flashcards or create a mind map on the river's unit. Use your knowledge organiser, class booklets or pages 49-59 in the CGP revision guide to assist you. *Focus on areas of weakness.	30 mins		
	History	Medicine revision guide pages 5-14	30 mins		
	Hospitality	Mind map food safety: key temperatures, types of food poisoning, symptoms and sources	30 mins		
	Health and Social Care	Mind map PIES for all life stages	30 mins		
	Media	Pages 1- 6 of Revision Booklet provided	30 mins		
	Spanish	Make flash cards on tricky topic vocabulary from Theme 1 Identity and Culture: Me, My Family and Friends Link	30 mins		