GCSE Information evening - Y10/11

Thursday 28th September 2023



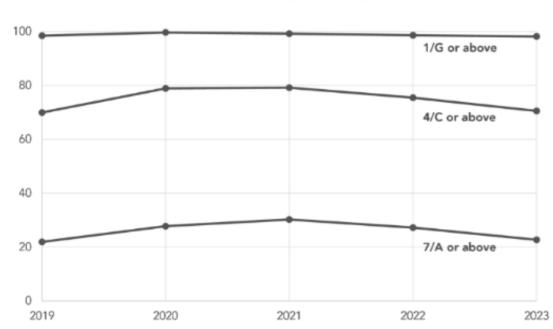
2023 GCSE results

National Picture

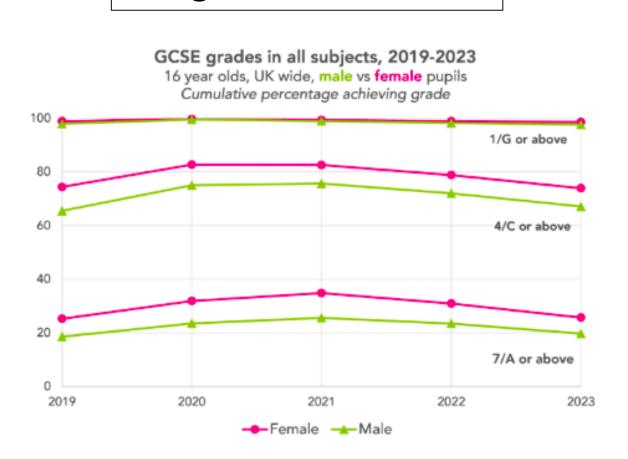


GCSE grades in all subjects, 2019-2023

16 year olds, UK wide, selected grades Cumulative percentage achieving grade



The gender imbalance



'Newish' GCSE grade changes

(ald 100 a 10 a) 1

Grade:	'old money'	A couple of notes:		
987654321		A** A 9 is supposed to apply to the top three to four % of the country's Y11 pupils B Last year we achieved over 100 as a school - this year because of higher boundaries, over 30 C- Pupils sometimes see the 4 as the Holy Grail and settle for aiming for it = dangerous strategy E/F A 3 is NOT a fail G		

Government's underlying principle affecting the study and assessment of GCSE

'Learning has been described as ... an alteration in long term memory. Progress, therefore, means knowing more, (including knowing how to do more) and remembering

Education Inspection Framework

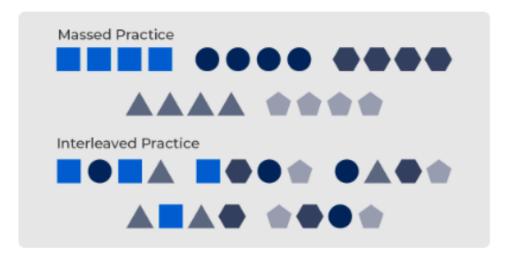
more'



A lot of work, therefore, in KS4, is remembering new learning...

- Quizzes
- Memory games
- Flashcards
- Interleaving practices
- Frequent mini assessments
- Practising key skills over and over

Interleaving practice



Interleaved practice vs massed practice

So, in GCSE Literature

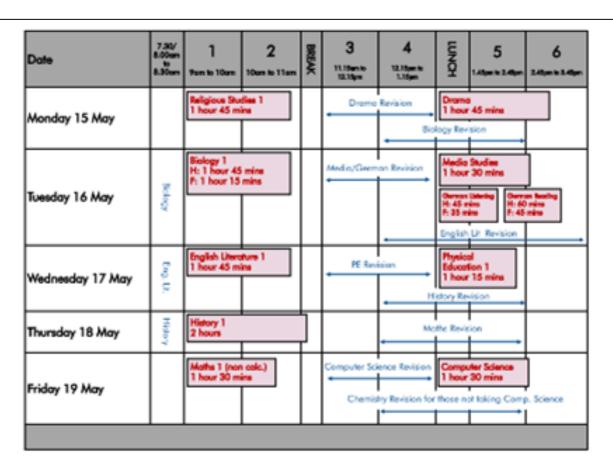


'Look like the innocent flower but be the serpent underneath.'

GCSEs can be daunting:

- There are no longer unit tests during the course of the year that can be 'chunks' of the GCSE.
- There are very few Controlled Assessments left apart from more practical subjects such as Design Technology or Media Studies
- There are no modular re-sits so that you can 'bank' a proportion of the final Grade
- The majority of GCSE subjects are based on 100% final examinations you work in class and at home up to May of Year 11 and then sit all the exams over a 5 - 6 week period

Exam period - 9th May - 19th June 2024



Some of your children will sit around 22 - 24 exams during the exam period:

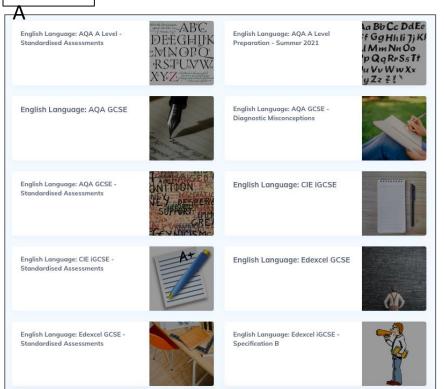
- 3 in Maths
- 6 in Science
- 4 in English/Literature



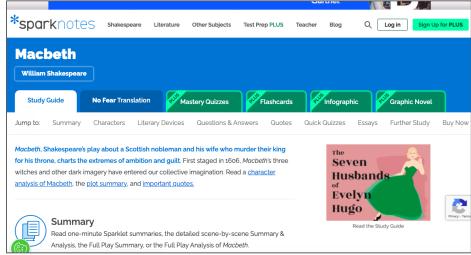
0 4	Focus this part of your answer on the second part of the source, from line 20 to the end.	
	A student said, 'From the moment he arrives at Master's compound, the writer portrays Ugwu's feelings of pure excitement, but by the end it seems that he may be very disappointed."	
	To what extent do you agree?	
	In your response, you could:	
	consider your own impressions of Ugwu's feelings evaluate how the writer describes Ugwu's feelings by the end support your response with references to the text. [20 marks]	

Sounds daunting ...but there is a wealth of resources...

SENEC



Sparknotes



Why Sparx Maths?

Homework is personalised to pupils' ability and adapts overtime

Sparx Maths keeps learning from their attempts to create challenging

Compulsory

Target

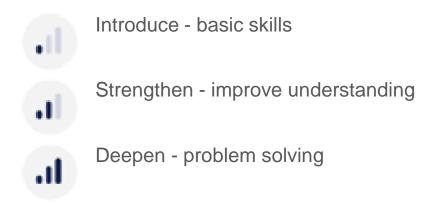
yet achievable problems each week

Homework follows the scheme of work

- Optional homework is automatically set each week:
 - XP boost refines skills from the compulsory homework
 - <u>Target homework</u> 6 questions created to challenge pupils

Independent Learning - Taking Control of your Learning and Revision

- Access to every single question clip numbers are on GCSE and assessment revision lists
- Choose one of the 3 levels for questions:



- Sparx Maths should be used to **support** revision and should not be the only source used
- Ideally Sparx Maths should be used to recap the topic and followed up with exam questions

Knowledge recall in Science

40% of each paper requires pupils to recall information

Interleaving aids retention of information

Homeworks designed to help pupils with knowledge recall

'Give Me 5' knowledge recall multiple choice questions



Useful websites

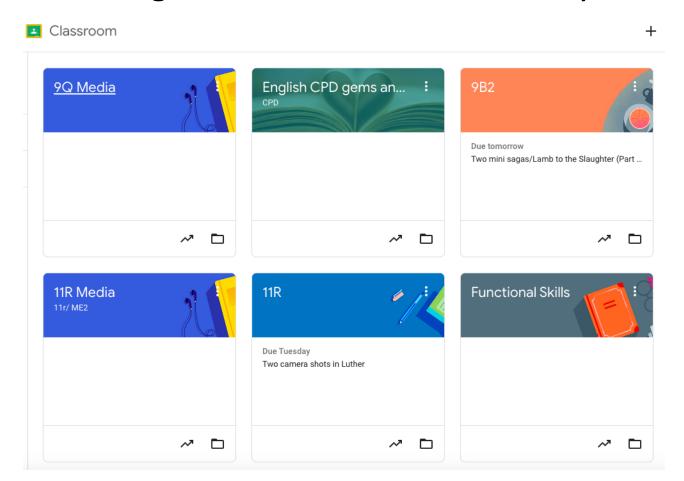
- BBC Bitesize
- 'Free science lessons' on youtube- syllabus covered in short video clips
- Primrose kitten science revision videos and resources
- AQA GCSE Science check out the specification
- Springfield revision maps





		KEY CONTENT			
ubtopic & free science lesson link	Link to specification	Key points	PPQ Questions	BBC Bitesize	Other useful links
Homeostasis Video 1	Page 40	create the optimum conditions for biological function. The nervous system and hormones are responsible for controlling this. The body control systems are all automatic, and involve both nervous (nervous system) and chemical responses (endocrine system) In the human body, these include the control of: Blood Glucose Concentration, Body Temperature & Water Levels. Neurones: Nerve cells that are specialised to transmit electrical impulses: - Sensory Neurone: The nerve cell that transmits electrical impulses from receptors in the sense organs to the CNS Relay Neurone: The nerve cell that transmits electrical impulses from sensory neurones to motor neurones.	Homeostasis PPQs	BBC Bitesize Homeostasis	Cognito Primrose Kitten - Whole Homeostasis
		 Motor Neurone: The nerve cell that carries electrical impulses from the CNS to effectors such as muscles or glands Neurotransmitter: Chemical that passes nerve impulses from one nerve cell to the next across a synapse (A tiny gap at the junction between two nerve cells, which nerve signals must cross). 			
Structure and function (human nervous system) Video 1	Page 42	CNS: Central Nervous System Key important parts of this system: 1. Receptors - detect a stimulus, which is a change in the environment, such as temperature change. 2. Coordination Centres (found in in the brain, spinal cord and pancreas) - receive information from the receptors, process the information and instigate a response. 3. Effectors - such as muscles or glands create the response. 4. Glands often also release a hormone, which would restore the optimum condition again.	Nervous System PPQs	BBC Bitesize Structure and Function (Human Nervous System)	myGCSEscience Cognito
		Understanding how the nervous system enables humans to react to their surroundings and coordinate their behaviour (response): Stimulus -> Receptor -> Coordinator -> Effector -> Response [EXAMPLE: Hot pan -> Skin -> Neurones (sensory, relay, motor) -> Muscle -> Move hand away] Structure of the Reflex Arc - understanding that reflex actions are an automatic and rapid response to a stimulys, and do not involve the subconcious part of the brain.			
Human endocrine system <u>Video 1</u>	Page 45	The endocrine system secretes hormones into the bloodstream from glands throughout the body. Hormones produce an effect on specific target organs in the body (for example: adrenaline). Note: Once a hormone has been used, it is destroyed by the liver. Note: Hormones have slower effects, however last longer than effects produced by	Endocrine System PPQs	BBC Bitesize Human Endocrine System	Cognito

Reminder: Google Classrooms - useful 2 way resource



Past papers are easily available online - and

markschemes





Professional development

Exams admin

Qualifications

Subjects

♠/ Find past papers and mark schemes

Find past papers and mark schemes

Find past papers and mark schemes to help you prepare for exams.

Select a subject to start your search.



Lesson 0 and Lesson 6

Pupils, especially Year 11, are keen to know when lesson 0 and lesson 6 take

place:

Tuesday: Maths

Wednesday: English

Thursday: Science

• What about lessons 1 - 5....?

 There will be revision workshops in the February/Easter/May holidays



What do parents need to know..?

- There is never a time when Y10 or Y11 can't be doing something
- It is definitely a marathon not a sprint
- Working steadily over the two years is key, not a mad dash at the end (does not work for these GCSEs)
- Parents should be benign monitors most pupils know what they need to do = work with their teachers, turn up to lessons and put the effort in

Important markers
Year 11 Year 11 Mocks: 30th Oct - 14th Nov
Y11 reports issued: 5th Dec
Y11 Parents' Evening: 7th Dec
Year 11 Mocks (2): 19th Feb - 1st March
Y11 reports issued: 19th March

Y11 Parents' Evening: 26th March

GCSE start: 9th May 2024

GCSE end: 19th June Leavers' assembly: 27th June/Prom: 28th June

Year 10

Year 10 assessment week: Mon 2nd Oct - Fri 6th Oct

Y10 Parents' Evening: 16th Nov

Y10 assessment week: 22nd Jan 2024

Y10 reports issued: 26th Feb

Y10 Mocks fortnight: 24th June - Fri 5th July

Work Experience week: w/b 8th July

Y10 reports issued: 22nd July

Y10 beginning to think about Prom outfits: all the time



'Look like the innocent flower but be the serpent underneath.'