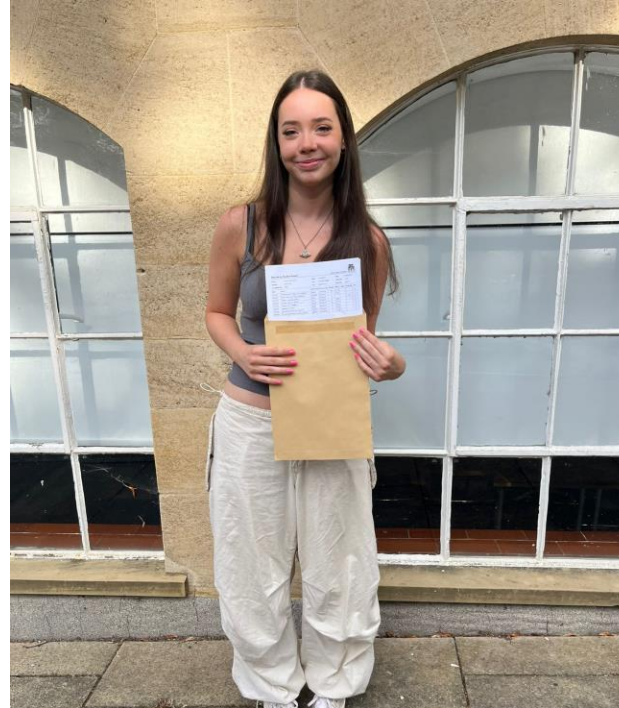
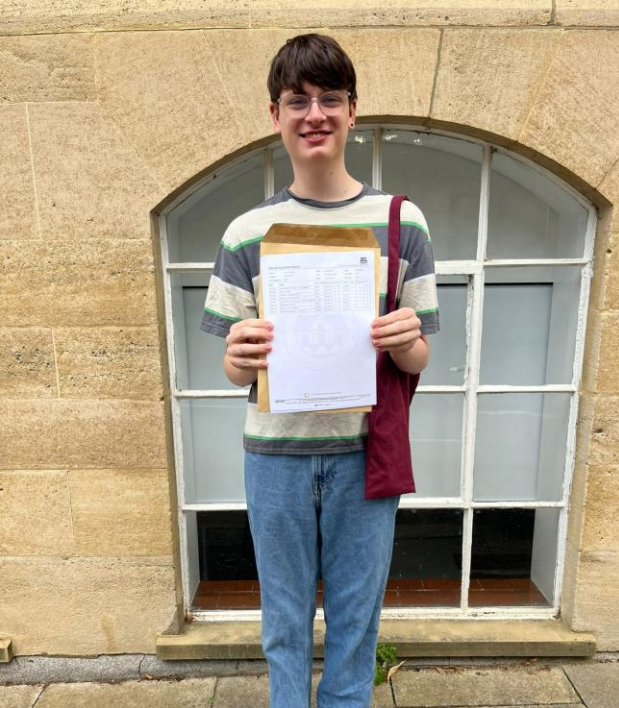


Year 11 Raising Achievement Evening

Thursday 21st September 2023





2023: Great Stories...

2023: Lessons Learnt...

Family & Education | Young Reporter

GCSE English and maths resits to rise by thousands

🕒 24 August



BBC/BECKY PADINGTON

GCSE results fall in England after anti-grade inflation plans forced through

Top grades down more than four percentage points on last year, leading to disappointment for many pupils

● [GCSE results day - live updates](#)



📷 A group of friends react as they receive their GCSE results at the City of London academy on Thursday. Photograph: Peter Nicholls/Getty Images

Tens of thousands of teenagers have been forced to rethink their future options after GCSE results fell in **England** as ministers forced through plans to eradicate grade inflation accumulated during the pandemic.

Top grades in England were down more than four percentage points on last year's results, leading to disappointment for many pupils - with 22.4% of



YEAR 11
Raising
Achievement Evening



**“Genius is 1% inspiration,
and 99% perspiration”.**

(Einstein)

WORKING HARDER

THE COUNTDOWN CONTINUES...

**WB 2nd October – In Class
Assessment Week**

WB 6th November - Trial Exams

**27 school WEEKS remaining
until the final GCSE exams**

SELF ASSESSMENT / CONVERSATION STARTER BETWEEN PARENT AND STUDENT

	Yes/No
1. I have a regular time for studying each day.	
2. I write my assignments/work down and check the list regularly.	
3. I always have the materials I need when I start to study.	
4. I rarely distract myself with wandering away from the task when studying.	
5. I do work in chunks to avoid last minute work.	
6. I am the type of person who goes to lunchtime/after school support.	

Imagine that Current Assessment Grades were the final GCSE results...

- **Attending “After school study” Homework Club**
- **Attending subject interventions**
- **Preparing and implementing a revision plan**
- **Creating and using revision materials**
- **Increased focus in lessons**
- **Mentoring (Peer/Subject)**
- **Strategic seating plan in lessons**
- **Revision skills with Tutor**
- **Talking with subject teachers about where they need to improve**

There IS still time for you to make a difference.



IT'S NOT EASY TO BE SELF-DISCIPLINED...



“The major reason for teenagers falling short of academic potential is a failure to exercise self discipline”

7 GOOD STUDY HABITS



1. Resist peer pressure.
2. Have you got too much on?
3. Fixed timetable, fixed place.
4. Prioritise homework.
5. Study buddies.
6. Short periods of time.
7. Stay healthy.

Bite the bullet!



Year 11 – Student Perspective

Revision Planning Tool

Day	9:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 1:00	1:00 – 2:00	2:00 – 3:00	3:00 – 4:00	4:00 – 5:00	5:00 – 6:00	6:00 – 7:00	7:00 – 8:00	8:00 – 9:00	9:00 – 10:00		Subjects
Monday	RSA														English
Tuesday															Maths
Wednesday															Science
Thursday															
Friday															
Saturday															
Sunday															

Every student has access to this planning tool plus a few tips to continue your momentum or get you started, shared in September. Posted on Satchel One

MAKING REVISION WORK

- **Divide each subject in to chunks**
- **Spend more time on the subjects / topics you find harder**
- **Doing is better than reading.....keep your revision active**
- **Take short breaks between sessions**
- **Use what motivates you as rewards**

WHAT WORKS?

Table 1 Effectiveness of Techniques Reviewed	
Technique	Extent and Conditions of Effectiveness
Practice testing	Very effective under a wide array of situations
Distributed practice	Very effective under a wide array of situations
Interleaved practice	Promising for math and concept learning, but needs more research
Elaborative interrogation	Promising, but needs more research
Self-explanation	Promising, but needs more research
Rereading	Distributed rereading can be helpful, but time could be better spent using another strategy
Highlighting and underlining	Not particularly helpful, but can be used as a first step toward further study
Summarization	Helpful only with training on how to summarize
Keyword mnemonic	Somewhat helpful for learning languages, but benefits are short-lived
Imagery for text	Benefits limited to imagery-friendly text, and needs more research

John Dunlosky et al, Improving Students' Learning with Effective Learning Techniques: Promising Directions from Cognitive and Educational Psychology, Psychological Science in the Public Interest 14(1) (2013): 4–58.

Revision



- **DO** – Revision starts with activity (*doing*)
- **REVIEW** – Quiz yourself or get someone else to quiz you on the things you have learnt
- **GO BACK THROUGH** – Go back through the things you didn't know or could not remember

WHAT WORKS?

- Self Testing / Quizzing
- Distributed Practice
- Mind Mapping
- Revision cards
- Practising Exam questions
- Highlighting text and reading (if used to support another strategy)
- RSA website: (www.robertsmyth.tgacademy.org.uk)

Revising is like everything else – you get better at it the more you practise.

Knowledge Organisers



Year 11 – Half Term 1
Knowledge Organiser



Name.....

Tutor Group.....

Using Your Knowledge Organiser

- **Self Quizzing**
 - Strategy 1 - Look, cover, write, check, correct.
 - Strategy 2 – Quiz Questions
 - Strategy 3 – Partner Quizzing
 - Strategy 4 – Flash Cards
- **Spacing Practice**



Robert Smyth
Academy

ABOUT

PARENTS

STUDENTS

REMOTE LEARNING

CURRICULUM

6TH FORM

EVENTS

MEDIA

LETTINGS

CONTACT

Academy Sports

Careers

Homework

Revision support for students

Subject Online Resources

Support Websites

The Library

Welcome to
Robert Smyth Academy

Search and find information about your academy

Enter your search term...

Popular Items

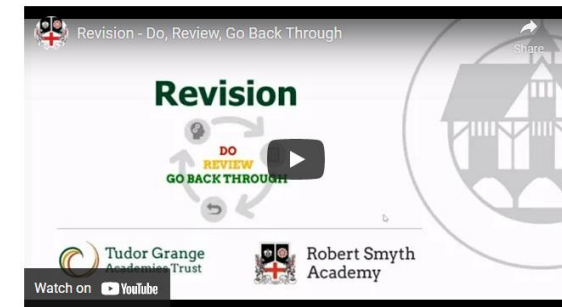
[Report Absence](#) [Public Consultation](#)

[Admissions](#) [Proms 2021!](#) [Term Dates](#)

[Uniform](#) [Vacancies](#)

Revision support for students

All Students



Science is hard
because there's so
much to remember



Physics is just maths
and I can't do maths

How do I remember
all the equations in
physics?

How do I remember
the meaning of all
the scientific words?

Exam Format

Each student has 6 exams in science

Combined Science - 2X Biology chemistry physics
each 1hr 15mins

Separate Science- 2x biology chemistry physics 1hr
45 mins

The papers assess specific topics, so students need to
keep on top of what is on each paper to help focus
their revision.

Contents

☒ Use the tick boxes to check off the topics you've completed.

Topic 1 — Cell Biology

Cells.....	1	<input type="checkbox"/>
Microscopy.....	3	<input type="checkbox"/>
More on Microscopy.....	4	<input type="checkbox"/>
Cell Differentiation and Specialisation.....	5	<input type="checkbox"/>
Chromosomes and Mitosis.....	6	<input type="checkbox"/>
Binary Fission.....	7	<input type="checkbox"/>
Culturing Microorganisms.....	8	<input type="checkbox"/>
Stem Cells.....	10	<input type="checkbox"/>
Diffusion.....	12	<input type="checkbox"/>
Osmosis.....	13	<input type="checkbox"/>
Active Transport.....	15	<input type="checkbox"/>
Exchange Surfaces.....	16	<input type="checkbox"/>
Exchanging Substances.....	17	<input type="checkbox"/>
More on Exchanging Substances.....	18	<input type="checkbox"/>

Topic 2 — Organisation

Cell Organisation.....	19	<input type="checkbox"/>
Enzymes.....	20	<input type="checkbox"/>
Investigating Enzymatic Reactions.....	21	<input type="checkbox"/>
Enzymes and Digestion.....	22	<input type="checkbox"/>
Food Tests.....	24	<input type="checkbox"/>
The Lungs.....	25	<input type="checkbox"/>
Circulatory System — The Heart.....	26	<input type="checkbox"/>
Circulatory System — Blood Vessels.....	27	<input type="checkbox"/>
Circulatory System — Blood.....	29	<input type="checkbox"/>
Cardiovascular Disease.....	30	<input type="checkbox"/>
Health and Disease.....	32	<input type="checkbox"/>
Risk Factors for Non-Communicable Diseases.....	33	<input type="checkbox"/>
Cancer.....	35	<input type="checkbox"/>
Plant Cell Organisation.....	36	<input type="checkbox"/>
Transpiration and Translocation.....	37	<input type="checkbox"/>
Transpiration and Stomata.....	38	<input type="checkbox"/>

Topic 3 — Infection and Response

Communicable Disease.....	40	<input type="checkbox"/>
Viral, Fungal and Protist Diseases.....	41	<input type="checkbox"/>
Bacterial Diseases and Preventing Disease.....	43	<input type="checkbox"/>
Fighting Disease.....	44	<input type="checkbox"/>
Fighting Disease — Vaccination.....	45	<input type="checkbox"/>
Fighting Disease — Drugs.....	46	<input type="checkbox"/>
Developing Drugs.....	47	<input type="checkbox"/>
Monoclonal Antibodies.....	48	<input type="checkbox"/>
Plant Diseases and Defences.....	50	<input type="checkbox"/>

Topic 4 — Bioenergetics

Photosynthesis and Limiting Factors.....	54	<input type="checkbox"/>
The Rate of Photosynthesis.....	55	<input type="checkbox"/>
Respiration and Metabolism.....	58	<input type="checkbox"/>
Aerobic and Anaerobic Respiration.....	60	<input type="checkbox"/>
Exercise.....	62	<input type="checkbox"/>

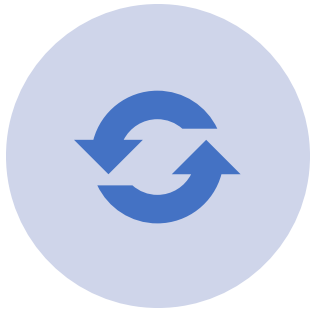
Topic 5 — Homeostasis and Response

Homeostasis.....	64	<input type="checkbox"/>
The Nervous System.....	65	<input type="checkbox"/>
Synapses and Reflexes.....	67	<input type="checkbox"/>
Investigating Reaction Time.....	68	<input type="checkbox"/>
The Brain.....	69	<input type="checkbox"/>
The Eye.....	70	<input type="checkbox"/>
Correcting Vision Defects.....	72	<input type="checkbox"/>
Controlling Body Temperature.....	73	<input type="checkbox"/>
The Endocrine System.....	75	<input type="checkbox"/>
Controlling Blood Glucose.....	76	<input type="checkbox"/>
The Kidneys.....	78	<input type="checkbox"/>
Kidney Failure.....	80	<input type="checkbox"/>
Puberty and the Menstrual Cycle.....	81	<input type="checkbox"/>
Controlling Fertility.....	82	<input type="checkbox"/>
More on Controlling Fertility.....	84	<input type="checkbox"/>
Adrenaline and Thyroxine.....	85	<input type="checkbox"/>
Plant Hormones.....	86	<input type="checkbox"/>
Commercial Uses of Plant Hormones.....	88	<input type="checkbox"/>

Topic 6 — Inheritance, Variation and Evolution

DNA.....	89	<input type="checkbox"/>
The Structure of DNA and Protein Synthesis.....	90	<input type="checkbox"/>
Mutations.....	92	<input type="checkbox"/>
Reproduction.....	93	<input type="checkbox"/>
Meiosis.....	94	<input type="checkbox"/>
More on Reproduction.....	95	<input type="checkbox"/>
X and Y Chromosomes.....	96	<input type="checkbox"/>
Genetic Diagrams.....	97	<input type="checkbox"/>
Inherited Disorders.....	99	<input type="checkbox"/>
The Work of Mendel.....	100	<input type="checkbox"/>
Variation.....	101	<input type="checkbox"/>
Evolution.....	102	<input type="checkbox"/>
More About Evolution.....	104	<input type="checkbox"/>
Selective Breeding.....	105	<input type="checkbox"/>
Genetic Engineering.....	106	<input type="checkbox"/>

Revising Science



CONTINUOUS
PROCESS



LITTLE BUT
OFTEN



USE A
COMBINATION OF
REVISION
MATERIALS



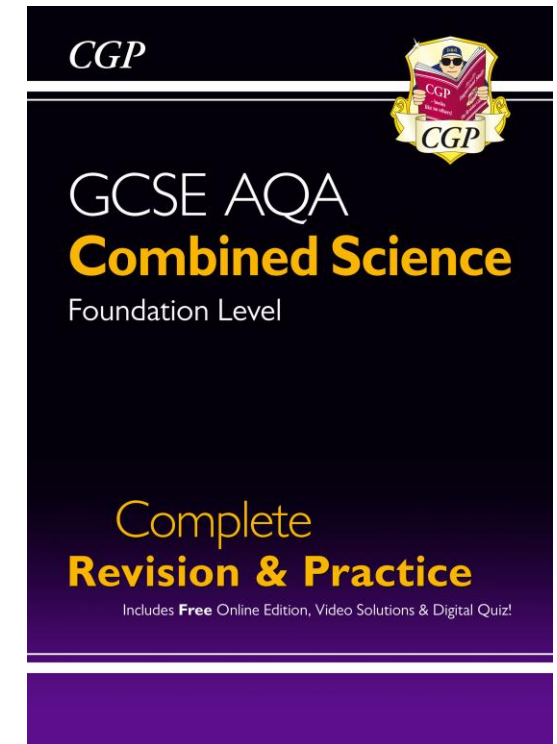
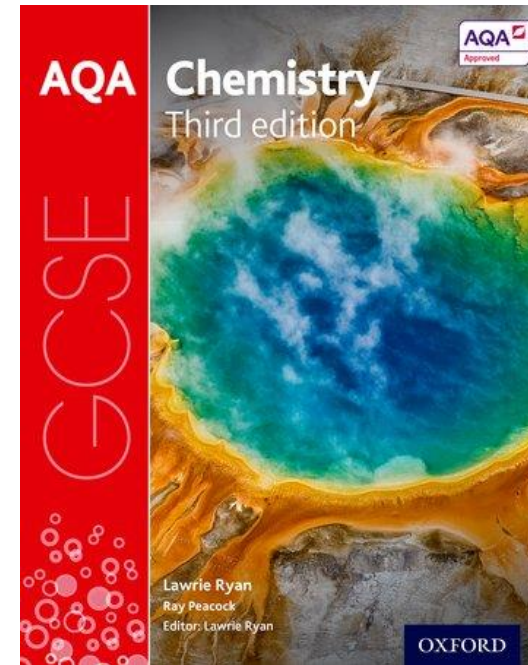
TEST TEST TEST!

Revision Guides

Available online via
Kerboodle



Available via parentpay



Homework Booklets

These are being given to all Year 11s to support with exam practice.

The first booklet will focus on Paper 1 content.

Biology

Homework Booklet 1

Biology Paper 1

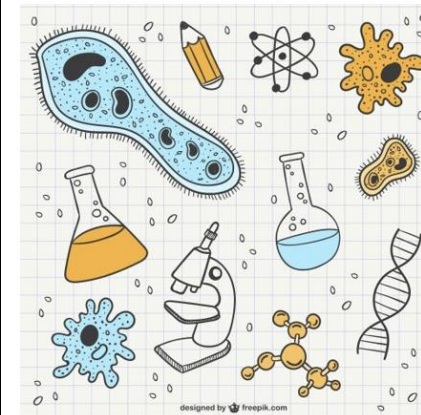
Topics in the Paper:

B1	Cell Biology
B2	Cell Organisation
B3	Infection and Response
B4	Bioenergetics

Biology Paper 2

Topics in the Paper:

B5	Homeostasis and Response
B6	Genetics, Inheritance and Evolution
B7	Ecology



Useful Online Resources

BBC bitesize

<https://www.bbc.co.uk/bitesize/examspecs/z8r997h>

SENECA

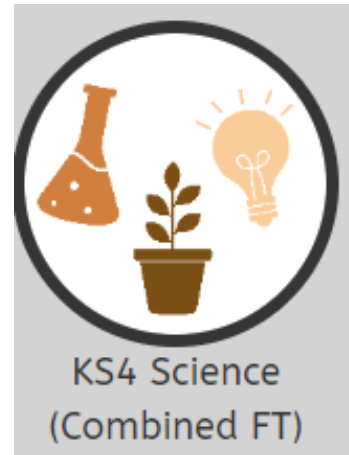
<https://senecalearning.com/en-GB/>

REVISION SCIENCE

<https://revisionscience.com/gcse-revision/science/science-gcse-past-papers/aqa-gcse-science-past-papers>

AQA- Assessment resources

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources>



GCSE English

GCSEs

GCSE results fall in England after anti-grade inflation plans forced through

Top grades down more than four percentage points on last year, leading to disappointment for many pupils

● [GCSE results day - live updates](#)

 GOV.UK

▼ Menu



[Home](#) > [Education, training and skills](#) > [School curriculum](#) > [Secondary curriculum, key stage 3 and key stage 4 \(GCSEs\)](#)
> [Key stage 3 and 4 exam marking, qualifications and results](#)

Press release

Hundreds of thousands of students receive GCSE and vocational results

GCSE results higher than in 2019 and lower than in 2021 in line with plans set out by Ofqual last year, ensuring fairness for students.

Clear movement towards
2019 pre-pandemic
boundaries

FINANCIAL TIMES

UK COMPANIES TECH MARKETS CLIMATE OPINION WORK & CAREERS LIFE & ARTS HTSI

Stay one step ahead

Subscribe today and navigate your world with confidence

SAVE 50%

UK schools [+ Add to myFT](#)

Share of top GCSE grades falls sharply after return to pre-pandemic exams

Proportion of level 7 or above marks awarded fall to 22% from 26.3%

RSA Vs National Picture

- ▶ **Nationally**
- ▶ **The pass rate at Level 4 was 65.3 per cent**

RSA

The pass rate at level 4 was 77.7

How are pupils going to be successful this year?

- ▶ They need to listen to the expert in the room - their teacher!
- ▶ They need to know the texts they have studied inside out.
- ▶ They will need to know what skills they are working on within the question they are completing.
- ▶ They will need to understand how their work is being marked (assessment objectives).
- ▶ They need to make sure that they are doing more than the bare minimum.

English Literature

Paper One: Shakespeare and 19th Century Novel

- One essay question on *Macbeth* (with an extract to start from)
- One essay question on *Jekyll and Hyde* (with an extract to start from)
- 40% of GCSE. One hour 45 minutes.

Paper Two: Modern Texts and Poetry

- One essay question on *An Inspector Calls*
- One essay comparing poems from a list we have studied.
- Two questions based on unseen poems.
- 60% of GCSE. Two hours 15 minutes.

English Language

Paper One: The Fiction Paper

- Four short questions on reading /comprehension of one extract from fiction.
- One creative writing task, description or narrative.
- 50% of GCSE. One hour 45 minutes.

Paper Two: The Non Fiction Paper

- Four short questions on reading of two non-fiction texts, including one from the 19th Century.
- One writing task on writing to present a point of view.
- 50% of GCSE. One hour 45 minutes.

What else?

- ▶ If you are invited to intervention after school – please go!
- ▶ Revision booklets to take home, nearer the exam.
- ▶ Your teachers' doors are open - talk to them about any concerns, share any essays you have done for feedback.

Summer 2024 Exam Dates



Less than 8
months!

- ❖ Literature Paper 1 - 13th May 2024
- ❖ Literature Paper 2 - 20th May 2024
- ❖ Language Paper 1 - 23rd May 2024
- ❖ Language Paper 2 - 6th June 2024



Mock exams

- **Pre-Christmas: week commencing 6th November 2023**
- **Pre-Easter: week commencing 4th March 2023**

Revision Sources

- ▶ Your knowledge Organisers
- ▶ BBC Bite-Size (Language and Literature)
- ▶ <https://www.bbc.co.uk/bitesize/subjects/zr9d7ty>
- ▶ Spark Notes (Shakespeare)
- ▶ <https://www.sparknotes.com/>
- ▶ You Tube Tutorials (Mr Bruff and Mr Salles)
- ▶ <https://www.youtube.com/user/mrbruff>

The Essentials



Practice at home. The only way to get better at writing is to do more writing.



Attend extra sessions put on in the department.



Prepare for the November and March mock as though they are the real thing -



Don't be complacent – the boundaries will rise again next summer – be prepared!

Share your concerns. Your teacher's door is always open!



hhackett@robertsmyth.tgacademy.org.uk



Mathematics

+

=

\$

-

x

%

<

Mathematics GCSE

- 3 exam papers
- 1 hour 30 minutes
- 1 non-calculator paper, 2 calculator papers
- All content could come up on all papers
- Tier of entry decided post-trial exams.

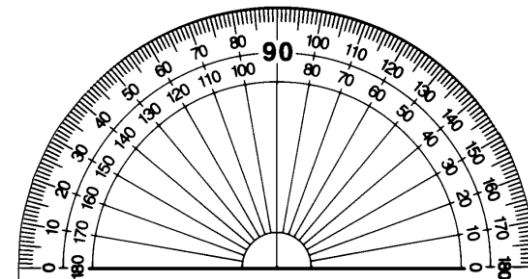
Higher
Grades 9 – 3*

Foundation
Grades 5 – 1

Preparation

Equipment

- Calculator (£10.75), compass, protractor, pens, pencils, ruler, rubber
- **Exam board**
 - Edexcel
- **Exam dates**
 - P1 – 16/5
 - P2 – 3/6
 - P3 – 10/6

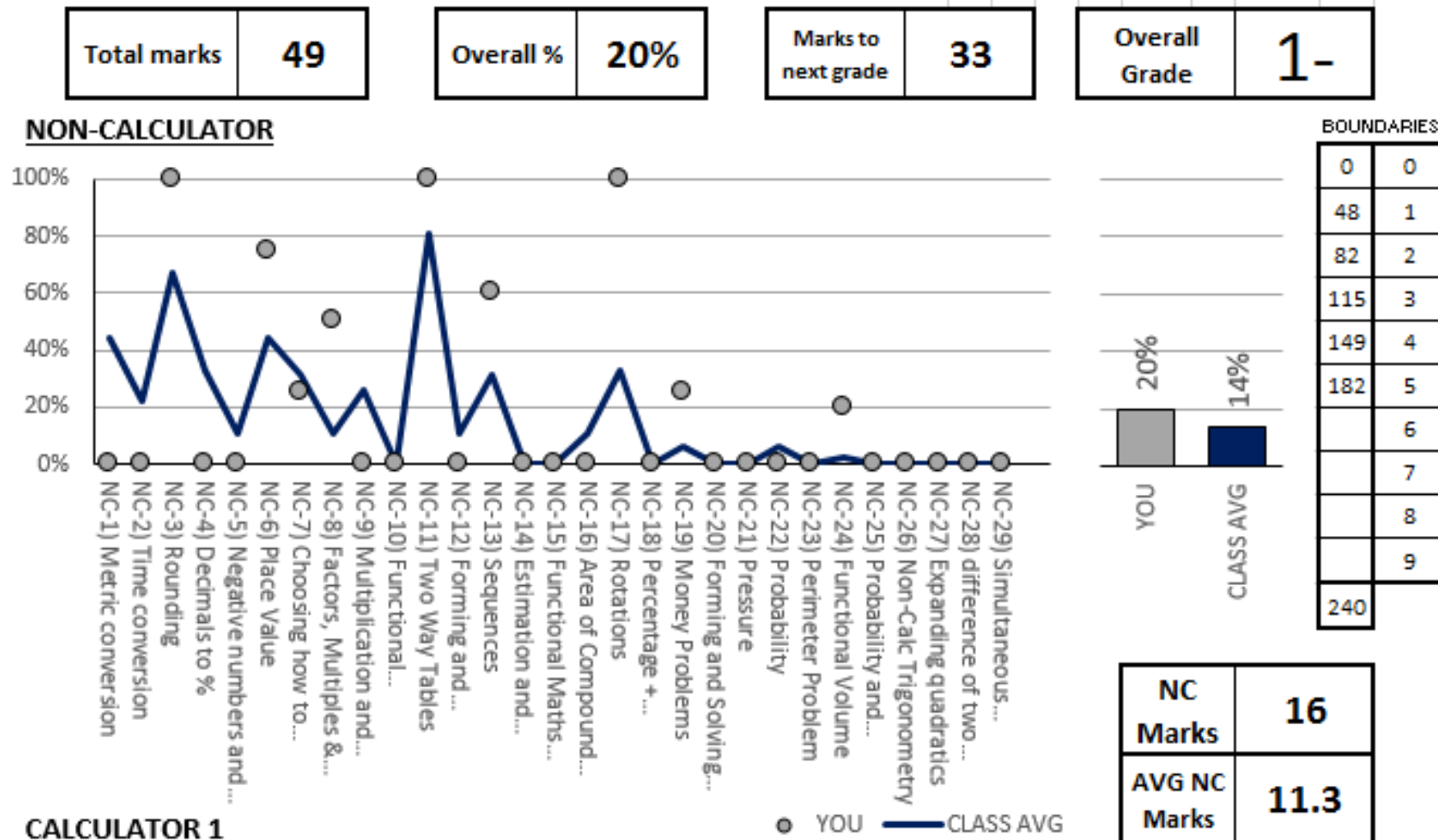


Revision

Little and often

- Homework booklets – one per topic
- Low stakes tests
- Previous tests – PLCs (personalised learning charts)
- Past exam papers
- Revision guides, £6.30
- Websites – RSA maths, maths genie, corbett maths

Post exam feedback



Total marks	49	Overall %	20%	Marks to next grade	33	Target Grade	
-------------	----	-----------	-----	---------------------	----	--------------	--

ATTITUDE TO LEARNING:

(please circle) I revised as much as I could for this test. I revised some topics for this test I did not try hard to prepare for this test.

What I did to prepare for this test:	Revision Sessions:	Practise exam questions	Use online videos	Revision guides	Use your own notes or learning journal
	After-School/Period 6				
	Other: (please specify)				(please circle)

WHAT WENT WELL: The topic areas you scored best on...

C1-22) Averages and Range - 100%

C1-15b) Using a Calculator - 100%

NC-17) Rotations - 100%

C2-15) Proportional reasoning - 100%

EVEN BETTER IF: The topic areas you need to improve...

NC-1) Metric conversion - 0%

C1-1) Place Value - 0%

NC-2) Time conversion - 0%

RSA maths website

- All resources you need are on the maths website
- <http://www.rswebsites.co.uk/maths/>
- Click GCSE and follow the appropriate links

Hello

Through this website you will find links to information and useful resources to supplement your study.

The maths team hope you find the information useful. Please ask your maths teacher if you cannot find what you are looking for.

KEY STAGE
3

GCSE

MENTORING

FURTHER A
LEVEL 2017

MATHS
NEWS

LEGACY
FAST
TRACK


Username: robertsmyth

Password: factor

Maths genie

- Video explanations, past exam questions and solutions.
- <https://www.mathsgenie.co.uk/gcse.html>

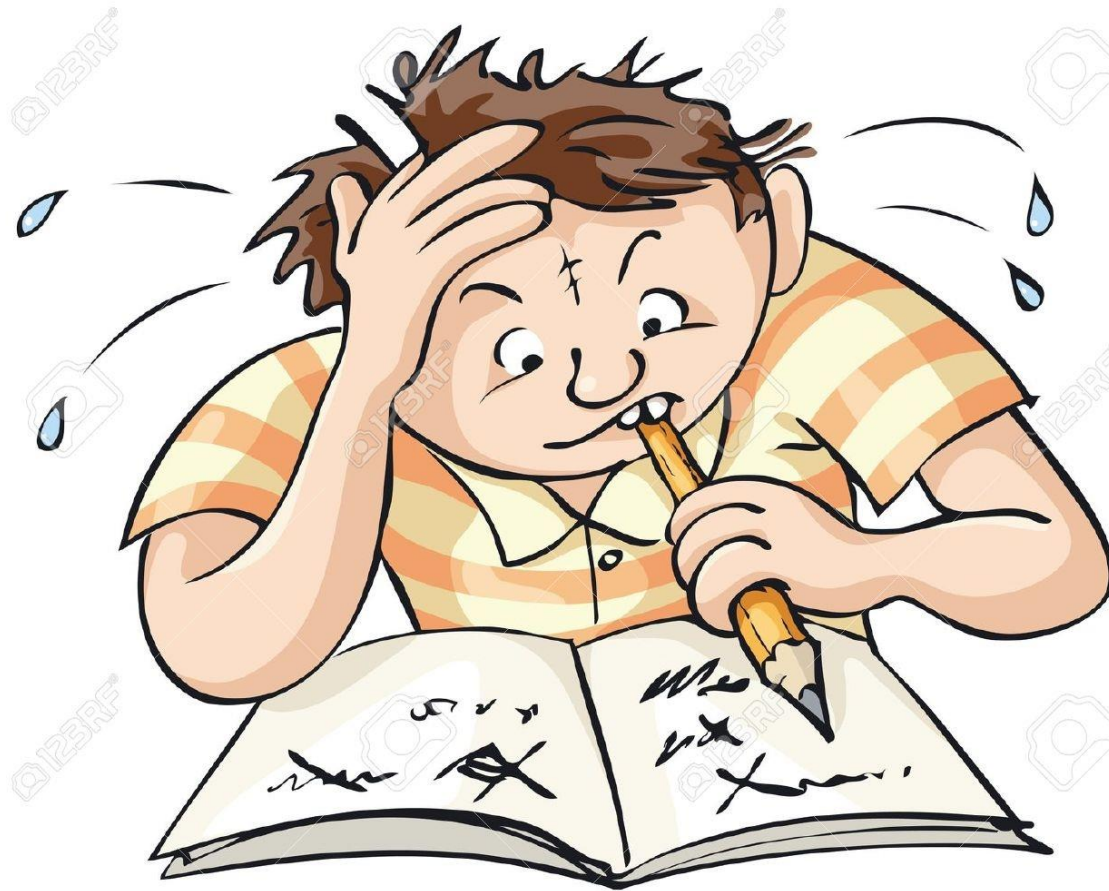
GCSE Revision

 Search for topics...

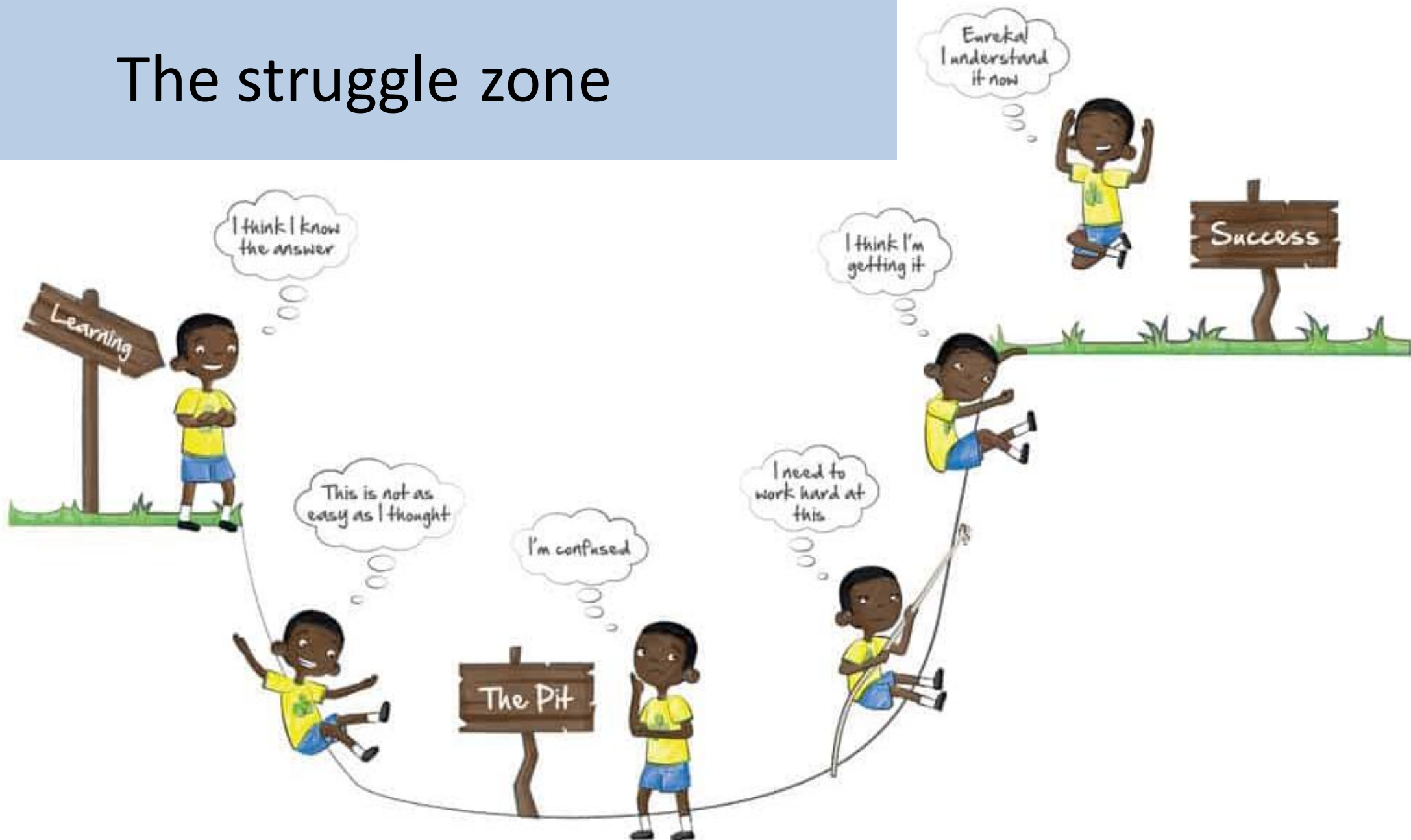
Grade 1

Videos	Exam Questions	Exam Questions Booklet	Solutions
Addition and Subtraction	Exam Questions	Addition and Subtraction	Solutions
Multiplication and Division	Exam Questions	Multiplication and Division	Solutions
Time	Exam Questions	Time	Solutions
Writing, Simplifying and Ordering Fractions	Exam Questions	Writing, Simplifying and Ordering Fractions	Solutions

How do I revise?



The struggle zone



Mistakes are

Expected

Respected

Inspected

Corrected



Revision and exam tips

- Use your PLC from year 10 to identify topics you need to work on rather than 'just revising everything'
- Underline/highlight important words in questions
- Always show full working out
- Check working out – hard to spot mistakes so practise this – redo questions to help check
- Don't leave any questions blank – you might pick up method marks
- Don't cross out your working, unless you have written something else
- Practice past exam questions regularly – under timed conditions
- Try to be confident

Mock exams

- Pre-Christmas: week commencing 6th November 2023
- Pre-Easter: week commencing 4th March 2024
- Full mock exam of all 3 papers
- Final tiers of entry will be decided after the Easter trial exams
- Easter Holiday: 10-4-10 revision pack

And finally

The only way to
learn mathematics
is to
do mathematics

Homework for the next few weeks

Students:

- **Revision**

Parents:

- **Make sure your child has a plan and that this is shared with you**
- **Make sure that they have everything they need**
- **Support them by quizzing them and testing them on what they have learnt**



Thursday August 22nd 2024