

Year 10 GCSE Parent Information Evening 2023



Slides will be sent out following the evening.

TONIGHT:

- SMART and EXCEL
- Attendance / Punctuality
- Maths
- Science
- English and Reading
- Homework and independent learning
- ClassCharts
- Careers and next steps
- Tea/Coffee/Juice :)



High Expectations

At Montgomery, students' behaviour and conduct will be SMART



Montgomery
Academy

Inspiring Excellence Together

S

Safe



M

Mature



A

Ambitious



R

Respectful



T

Thoughtful



Classroom Practice

At Montgomery, teachers will plan to EXCEL



Montgomery
Academy

Inspiring Excellence Together

E

Entry

Entry task

X

Excellent

Excellent relationships

C

Challenge

Challenge and support learning

E

Effective

Effective explanations, modelling and questioning

L

Learning

Learning over time

Attendance matters

90% sounds pretty high - right??

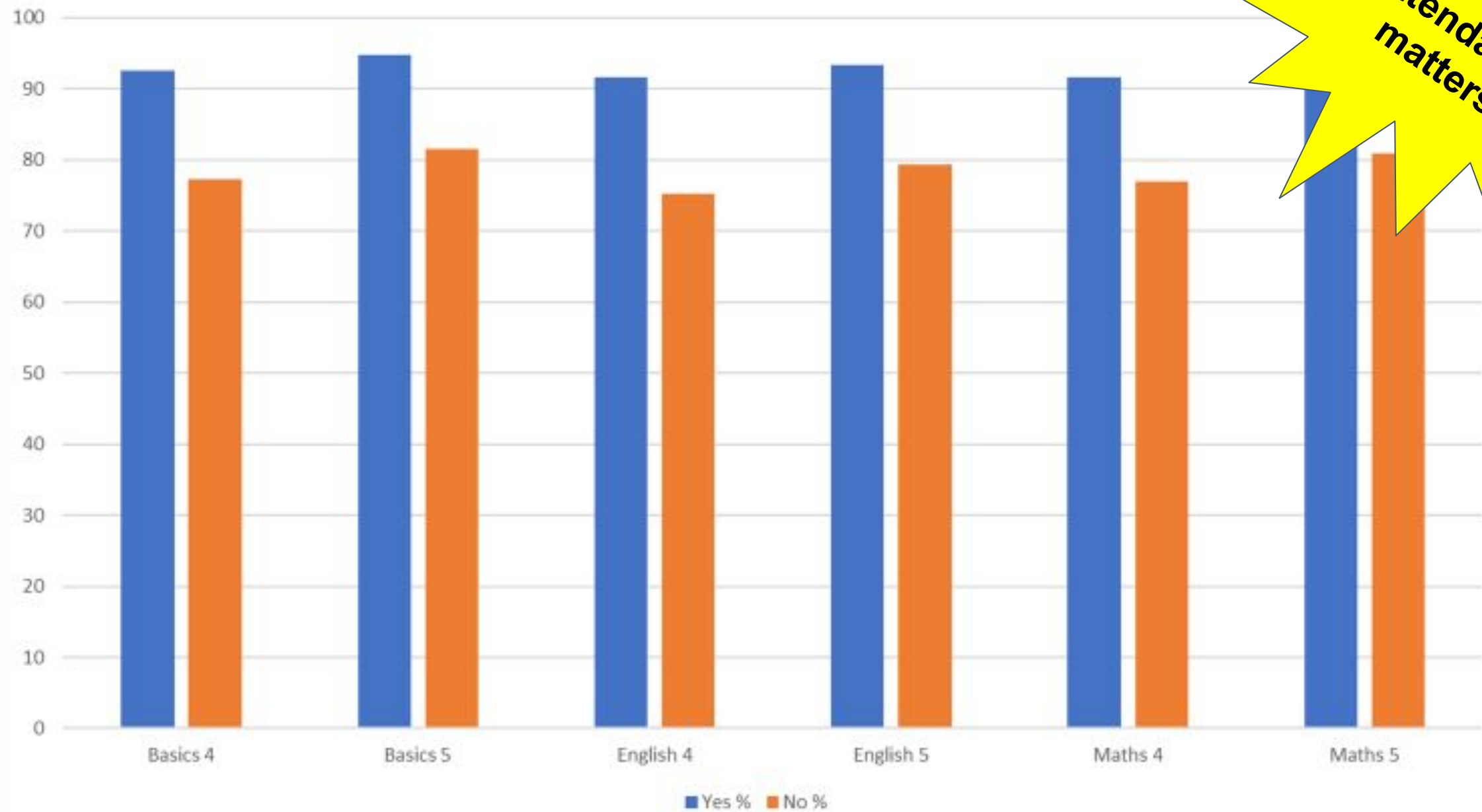
A 90% attendance rate means that your child has missed 4 whole weeks of educational tuition in a year.

We have 25 hours of lessons per week.

This equates to 100 hours of lost learning.



Average attendance v outcome 2023



Attendance matters

EFFORT GRADES

5 – Goes above and beyond to further develop their knowledge and skills in the subject.

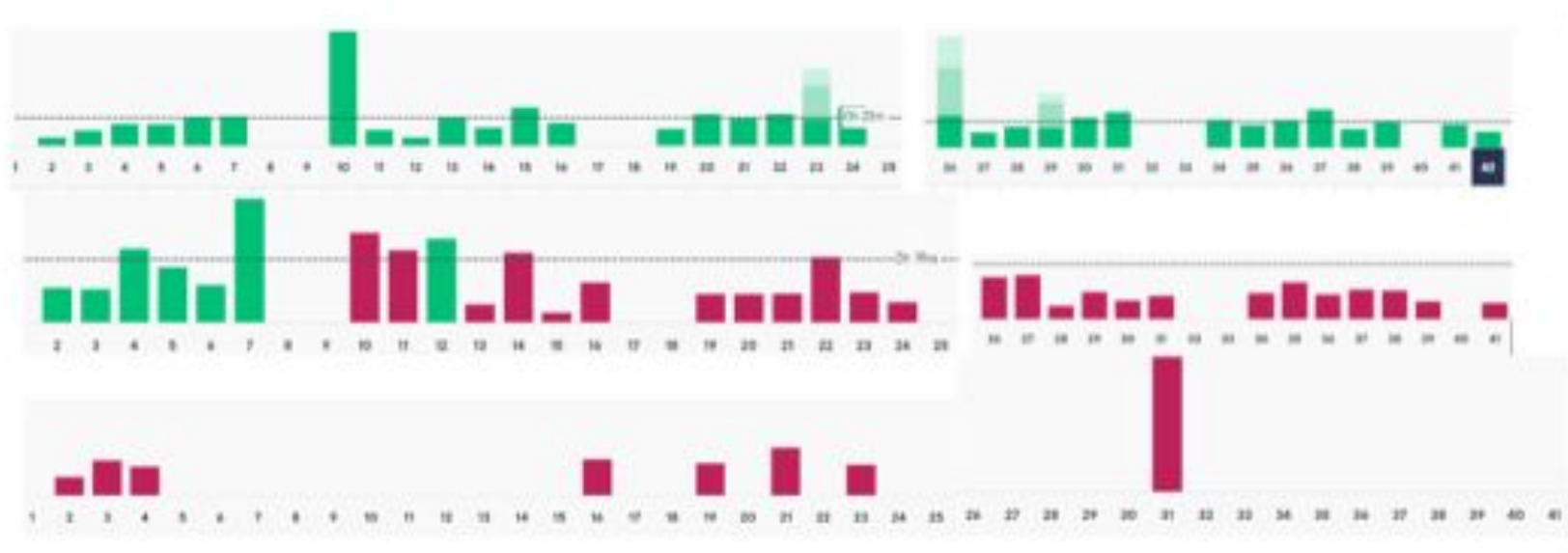
4 - All homework completed on time and to a high standard. Excellent effort in class and with all tasks (including Entry Tasks). Completes Challenge Question work.

3 - Homework completed (may be after deadline or not to standard). Pays attention. Good effort with all tasks attempted (including Entry Tasks and Challenge Questions). Asks for support

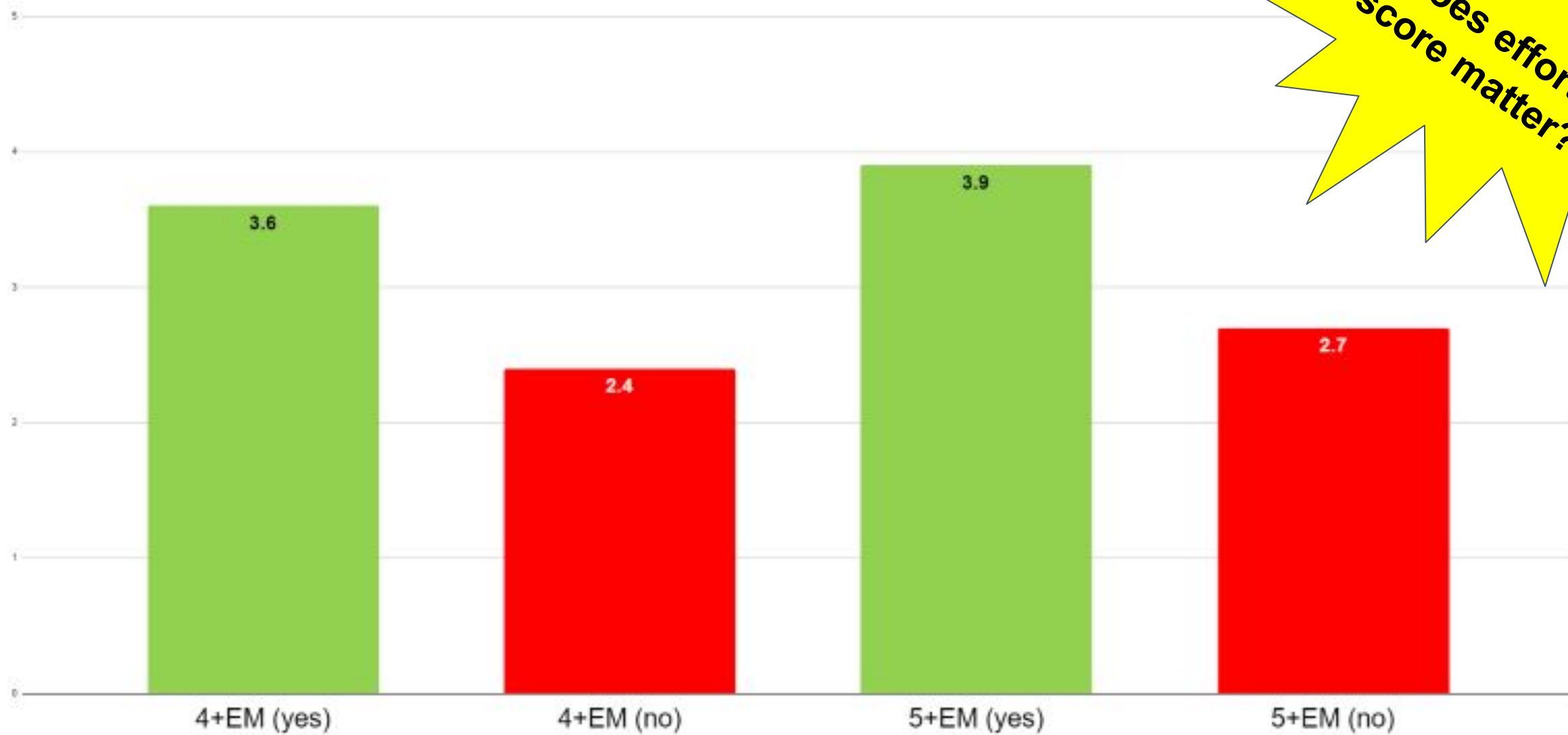
2 - Homework submission variable. Inconsistent effort with tasks (including Entry Tasks and Challenge Questions). Variable standard of work and focus

1 - Most homework not completed or done to a poor standard. Little/no work done in class. Lacks focus and appropriate attitude to learning

0 -Very poor effort



Average effort score (did they get 4+EM and 5+EM)



Does effort score matter?

Subject: Maths



What do we study in Maths?

- Year 10 maths

	Cycle 1	Cycle 2	Cycle 3
Maths – Foundation	Solving ratio & proportion problems Rates Probability Congruence, similarity & enlargement Trigonometry Equations & inequalities Simultaneous equations	Angles & bearings Working with circles Vectors Ratios and fractions Percentages and interest	Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots Manipulating expressions
Maths – Higher	Solving ratio & proportion problems Rates Probability Congruence, similarity & enlargement Trigonometry, Equations & inequalities	Simultaneous equations Angles & bearings Working with circles Vectors Ratios and fractions	Percentages and interest Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots, Manipulating expressions



How is it assessed?

- Readiness quizzes at the start of each unit to check students have key prior knowledge to access it
- Entry tasks to revise prior learning
- Knowledge checks regularly at the end of each unit
- In class assessment - questioning and use of mini whiteboards
- 2 summative assessments yearly which test cumulative knowledge



End of year 11 exams

- 3 papers
- Paper 1 – non-calculator
- Paper 2 and 3 – calculator allowed
- 1h 30 mins each
- Cover all content – topics do appear on more than one paper



Sparx maths

- Compulsory 40 minute homework
- Topics set by teacher
- Practise questions to consolidate current and prior learning



Complete maths TUTOR


Continue your maths journey

Show us what you do and don't know, and TUTOR will build up a personalised journey of maths learning for you!

[START DIAGNOSTICS →](#)




 Hello! I'm TUTOR.

 TUTOR

 I am going to help you learn mathematics.

 TUTOR

 Before I do, I need to find out some more about you.

 TUTOR

 How old are you?

 TUTOR





Sam tosses a coin. The coin will either land “heads” or “tails”.

Charlie says these two events are mutually exclusive. Ben says these two events are independent.

I can explain the difference between mutually exclusive and independent events.

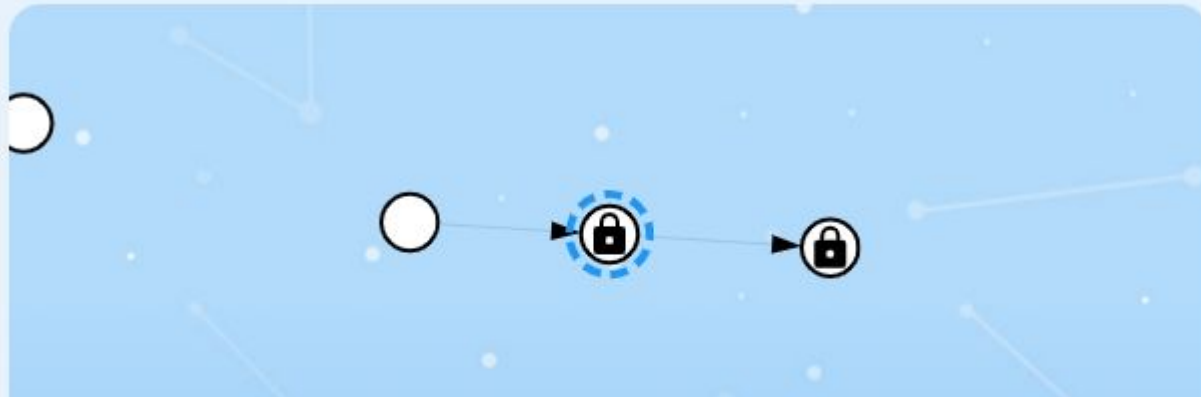



KEEP GOING




Awesome! You have finished your 1st round of questions. I've got some new questions for you.

My Focus 5




Gradient at a
near Graphs 

0/6 steps complete 

GOAL 2


**Finding the Area under Linear
and Non-Linear Graphs**

START Complete your
other goals first 

GOAL 3

**Solving Problem
Gradients at a F
under Graphs**

START





My Goal



Readiness



Learn



Do



Quiz



Remember

My goal

I will be able to:

- estimate the gradient at a point on a curve
- interpret the meaning of the gradient at a point on a curve

Success Criteria

Reveal example questions



Notes

Reveal goal outline





My Awards



Level 1



Level 3

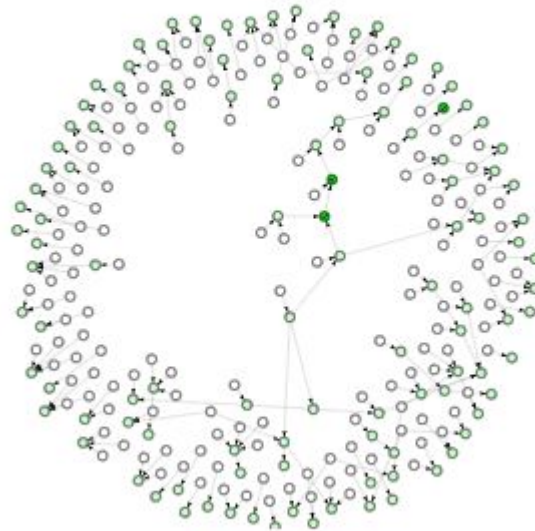


Level 1

SEE
ALL



My Mathematical Universe



EXPLORE

My Activity

Goals Target: Complete 4 goals per week



This Week / Last Week



Sparx Maths

- Weekly compulsory homework to practise recent and prior learning
- A little video support
- Questions set by the teacher
- Due every Wednesday



- An online TUTOR that finds student's learning gaps and fixes them
- LOTS of video teaching support
- Personalised to the student



How can you help students be successful?

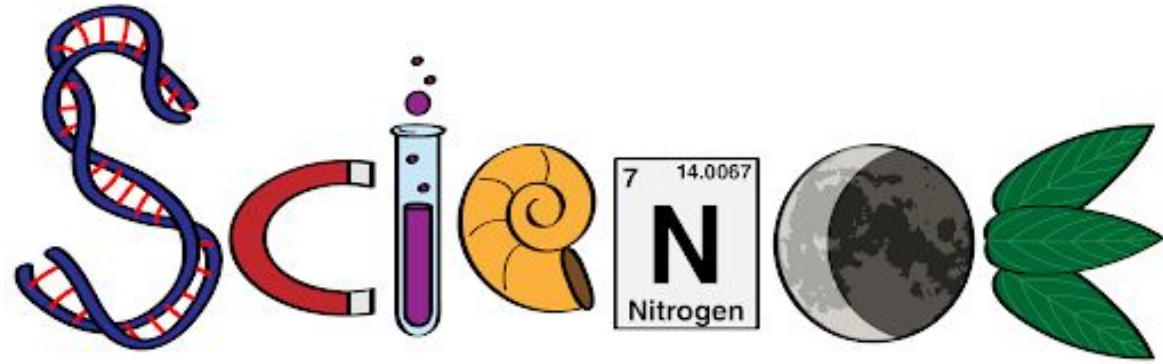
- A positive attitude towards maths and its importance
- Attendance
- Times tables
- Learn that facts, key words and formulae they need for each topic
- Properly equipped including a Casio scientific calculator
- Completing Sparx maths homework weekly
- Encouraging use of Complete maths TUTOR - the personalised online TUTOR



Useful Maths revision websites

- Sparx maths
- Complete maths TUTOR
- Maths genie
- Corbett maths
- BBC Bitesize





Any Questions?
r.mistry@montgomery.fcat.org.uk

Cell Biology

Atomic Structure and the Periodic Table

Energy

Organisation

Structure, bonding and the properties of matter

Particle model of matter



Combined Science (2 GCSEs)

6 x 1 hr 15 min exams (2 in each Science)

Separate Sciences (3 GCSEs)

6 x 1 hr 45 min exams (2 in each Science)

IMPORTANT – Scientific Calculator can be used in all exams

Ecology

Chemistry of the atmosphere

Magnetism & Electromagnetism

Using Resources

Space (Physics only)

ity

structure

s

s

How is Science assessed in Year 10?

- Entry Tasks – 5 recall questions based on previous learning
- A-B-C-D Questions in class – no-opt out
- Regular knowledge check points (5-10 marks – low stakes)
- A formal 40-50 mark assessment in Autumn Term 2
- A Paper 1 mock exam in the Summer Term
- Effort grades are based on in class effort and homework completion



How can students be successful in Science?

- **Attend** and actively participate all lessons
- Learn the **key knowledge and skills** in each topic using the knowledge organisers that we provide
- Be equipped – this includes a scientific calculator (like Maths)
- Complete **Seneca homework** weekly – each unit should be above 70%
- Be **resilient** – persevere with hard content & ask for help
- Attend our **after school** support on a Thursday at 3pm in S4/S7/S8
- Join our **GCSE Google Classrooms** to access independent revision resources
- **Practise, Practise, Practise** – past exam papers available outside S9 and S4



Homework – Weekly Seneca (Paper 1)

H tier (sets 1-2) = **omei895vnn**

F tier (sets 3-5) = **7ustv99ei6**



Biology
Chemistry
Physics

**Due: Every Monday at
9am**

**250,000 Students
Learning 2x Faster**



For parents – Please check both upcoming assignments and past assignments

Science Google Classrooms

Developing independent learning skills in Science



What do you have to do?

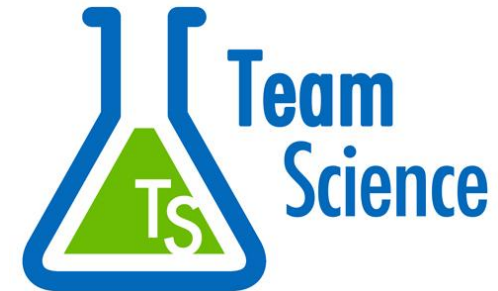
1. Download the Google Classroom App onto your phone/android device
2. Join the correct class using the code detailed below ☺
3. Use the fantastic resources that are there and ask for help/guidance remotely

GCSE Science classes

Biology – y4d2dve

Chemistry – pddvktf

Physics – xtggg7w



What can I access on these Google Classrooms?

- AQA Specifications – use these as a revision checklist
- Past Exam Papers – with mark schemes & walkthroughs
- Lessons by topic – with exam questions on each topic
- Knowledge organisers – for every topic
- Required Practical Videos – important for every exam!



After School Science Support Sessions

Subject	Day	Teacher	Room	Time
Chemistry	Thursday	Dr Hutchinson	S7	3:00-3:45 pm
Physics		Mr Dunn	S8	
Biology		Miss Rogers	S4	



Other Useful Science Revision Websites

<http://www.my-gcse-science.com/>

<http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/>

Seneca – Science Learning Program
<https://senecalearning.com/>

Primrose Kitten Science & Maths video tutorials:
<https://www.youtube.com/channel/UCBgvmal8AR4QIK2e0EfjwaA>
<https://www.primrosekitten.com/>

AQA Biology specification and assessment resources:
<http://www.aqa.org.uk/subjects/science/gcse/biology-8461>

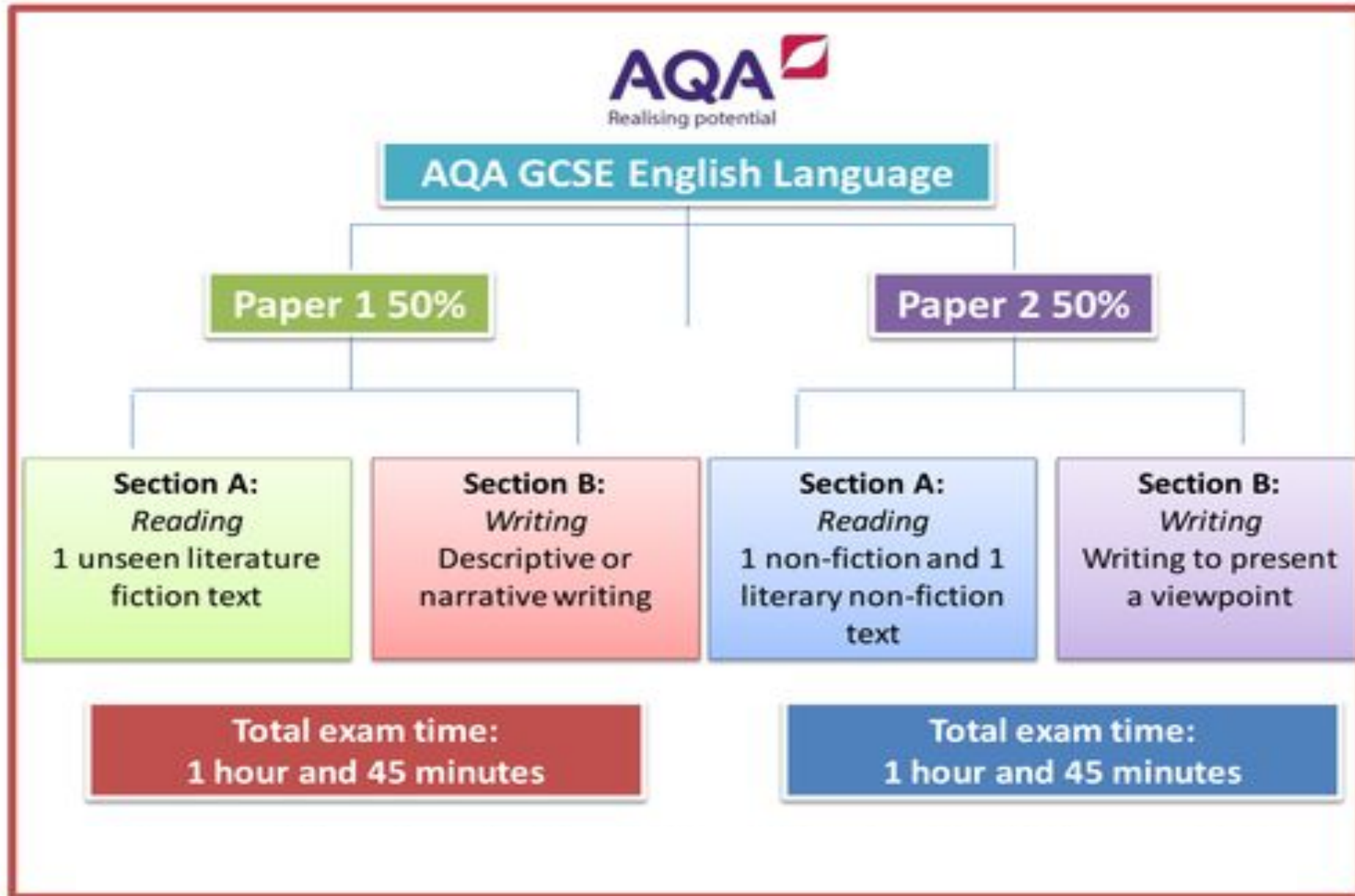
AQA Chemistry specification and assessment resources:
<http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

AQA Physics specification and assessment resources:
<http://www.aqa.org.uk/subjects/science/gcse/physics-8463>

AQA CGP Biology/Chemistry/Physics revision cards –
https://www.cgpbooks.co.uk/Parent/books_gcse_science_aqa_revision_cards



What do we study in English Language?



How is English Language assessed?

Paper 1: Explorations in Creative Reading and Writing

Paper 2: Writers' Viewpoints and Perspectives

Non-examination Assessment: Spoken Language

Assessment Outline

- written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE English Language

What is assessed?

Section A: Reading (4 questions)

- one literature fiction text

Section B: Writing (1 question)

- descriptive or narrative writing

Assessment Outline

- written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE English Language

What is assessed?

Section A: Reading (4 questions)

- one 20/21st century non-fiction text and one 19th century non-fiction text

Section B: Writing (1 question)

- writing to present a viewpoint (letters, speeches, leaflets, articles & essays)

Assessment Outline

- 0% weighting
- Teacher assessed – pass, merit, distinction

What is assessed?

- presenting
- responding to questions and feedback
- use of Standard English

The Spoken Language component is compulsory for all students and will appear on your GCSE examination certificate as a pass, merit or distinction.

- All texts in the examinations outlined will be unseen.
- Students complete knowledge checks in lesson, practise exam paper questions, walking-talking mocks & end of unit assessments
- Year 10 and Year 11 Finals exams – full papers completed under exam conditions
- Homework: Students self-quiz on their knowledge organisers and weekly spellings in their homework books



How can students be successful in English Language?



- Self-quiz using your knowledge organisers
- Practise, practise, practise - particularly question 4 & 5
- Reading for pleasure
- Perseverance with unseen texts
- Attend intervention sessions in Year 11
- Practise creative writing
- Practise transactional writing



GCSE English Language Paper 2

Knowledge Organiser

Question 1

This question asks you to **identify and interpret** information from a section of **Source A only**.

You have **5 minutes** to answer this **4 mark** question.

You have to find **4 TRUE** statements from a list of 8. Check back in the text to find your four answers.

Shade the circle inside the square if the statement is TRUE.



Follow the instructions on the paper. If you make an error, cross out the whole box. If you change your mind again, draw a circle around the box.

Question 3

This question asks you to **analyse how language and structure** are used to **influence the reader** in a **section** of one Source only.

You have **15 minutes** to answer this **12 mark** question.

Make sure you select the correct area of the source.

- ✓ Use **TQE or What? How? Why?** x 3-4 to answer this question.
- ✓ Find **3 or 4 interesting quotations** that use imagery and interesting language and that **link back to the key idea in the question**.
- ✓ Identify the **language methods/techniques** being used in those quotations. e.g. metaphor, simile, personification, onomatopoeia, adjectives, verbs, sensual language etc.
- ✓ Write about **what you infer** (the impression you get) from those quotations, making the link back to the key word(s) in the question.
- ✓ Draw more than one inference if you want more marks.

Question 2

This question asks you to write a **SUMMARY COMPARISON** of a particular aspect of the **two texts** (Source A and B.) e.g. 'Write a summary of the different / similar ways people are affected by the weather'.

You have **10 minutes** to answer this **8 mark** question.

You must write about **both Sources**.

You DO NOT have to refer to writers' methods in this answer.

- ✓ Use **SQL x2** to write your answer.
- ✓ Identify **2 relevant ideas** from each Source; select **quotations** for each idea. Try to respond to **implicit rather than obvious** ideas. Draw inferences (the impressions you get) from each point that you make.
- ✓ Use **discourse markers** to move between the sources e.g. in addition

Question 4

This question asks you look at the **whole of Source A and Source B** to compare:

- a) The writers' perspectives, viewpoints and attitudes
- b) The methods they use to convey these perspectives, viewpoints and attitudes (e.g. language techniques, structure etc.)

You have **20-25 minutes** to answer this **16 mark** question.

- ✓ Use AQME to answer this question and aim to **write 4 paragraphs comparing Source A and Source B**.
- ✓ Identify **at least two contrasting viewpoints** or attitudes the writers of Source A and Source B express about their experiences.
- ✓ Select **quotations** to support the viewpoints or attitudes you have identified.
- ✓ Identify **the methods the writer has used** in each of your quotations to help show their viewpoints and attitudes.
- ✓ **Analyse how** the writers' use of methods helps to convey their viewpoints or attitudes – **draw inferences** and explain how you get an impression of their viewpoint from, for example, the language used.
- ✓ Use **comparative discourse markers** ('On the other hand...' / 'In contrast...' etc.) to compare the two texts.

Question 5

Transactional Writing

This question asks you to **produce a piece of opinion writing**, expressing your point of view on a subject or idea, in a particular form.

You could be asked to explain, instruct, advise, argue or persuade in the question.

You may be asked to write a **letter, article, text for a leaflet, text of a speech or an essay** and you need to **follow the conventions and style** of the text type in the question.

You have **45 minutes** to plan and answer this **40 mark** question:

- 24 marks for content and organisation
- 16 marks for technical accuracy

Planning an answer – be sure to include the following features in your writing:

- An engaging/interesting **introduction** e.g. a question, a bold statement, an anecdote...
- A **clear argument for OR** against the statement.
- **Paragraphs** organised in a deliberate sequence.
- **Discourse markers** to chart the stages of your argument – for example, firstly, also, furthermore...
- A **variety of sentence** and paragraph structures.
- A range of **persuasive** techniques.
- A range of **punctuation** (question marks, exclamation, colon, semi-colon, dash etc.)
- Interesting **vocabulary**.
- End with a firm, clear **conclusion**.
- A **style and tone** appropriate to your purpose/audience.
- Accurate Spelling, Punctuation and Grammar (**SPaG**.)

Don't forget, you MUST proof read your writing!

KEY VOCABULARY/TERMS

Adjective; adverb; alliteration; anecdote; chronological; emotive language; exaggeration; facts; hyperbole; imperative; metaphor; noun; opinion; onomatopoeia; personal pronoun; personification; purpose; repetition; rhetorical question; simile; statistics; structure; threes; tone; t

Discourse markers:

Firstly; in addition; moreover; on the other hand; secondly; thirdly; in conclusion; to begin with; in summation; lastly; next; also; howe

Question 1

- How many marks is question 1 worth?
- How long should you spend on the question?
- How many true statements are there?
- How do you mark your answers?
- What should you do if you make a mistake?

Question 3

- How many marks is question 3 worth?
- How long should you spend on the question?
- Which suggested code could you use to structure your answer?
- What does the question ask you to analyse?
- How many points should you make?
- List examples of possible language features you might identify.
- What can you do to reach the higher marks?

Question 2

- How many marks is question 2 worth?
- How long should you spend on the question?
- Which source do you write about?
- Which suggested code could you use to structure your answer?
- What is meant by the term 'summary comparison'?
- How many points must you make?
- What can you do to reach the higher marks?

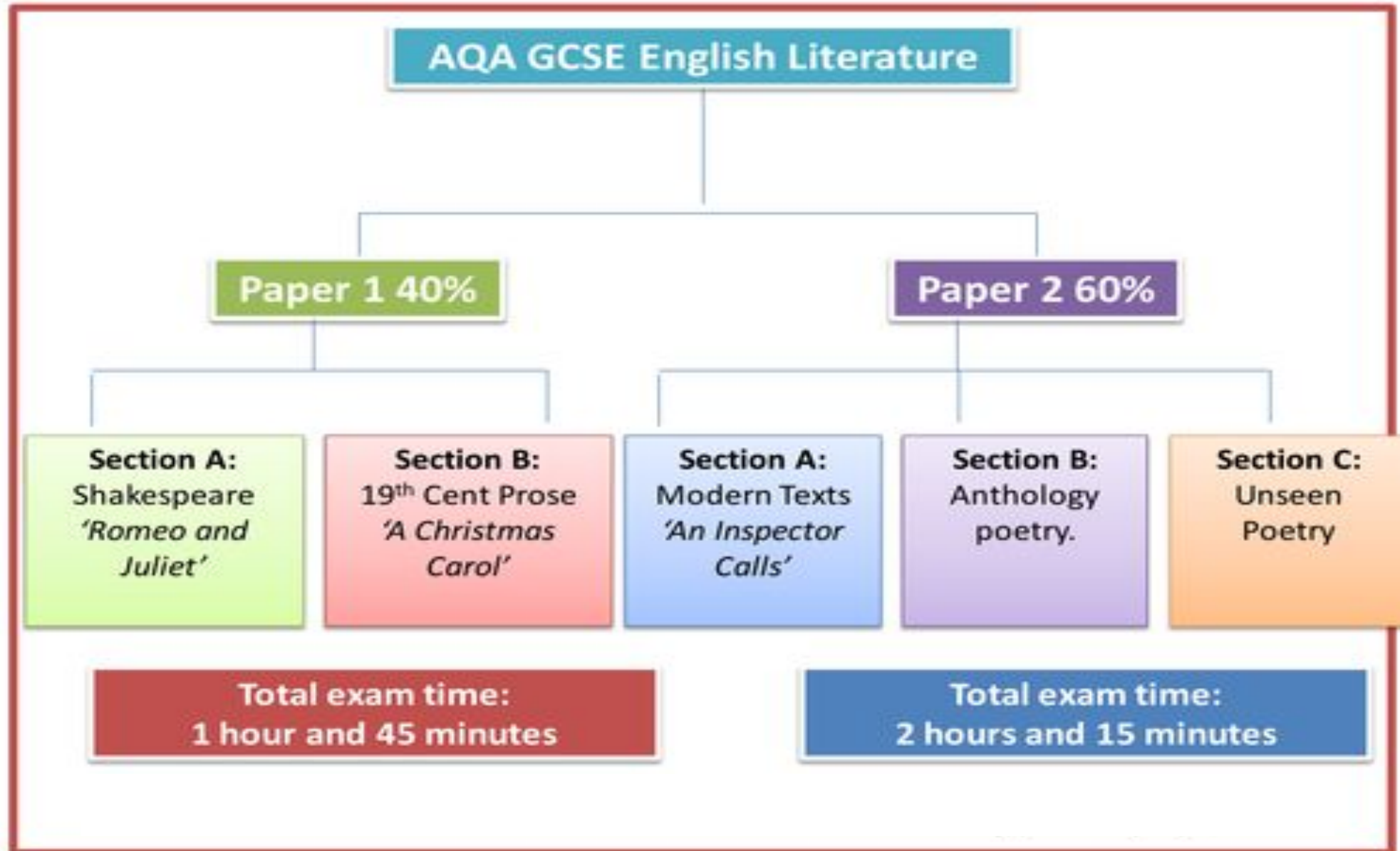
Question 4

- How many marks is question 4 worth?
- How long should you spend on the question?
- Which suggested code could you use to structure your answer?
- How much of sources A and B should you use?
- How many clear comparisons must you make?
- What does the question ask you to analyse?
- What do we mean by the term 'inference'?
- Why is it important to explore the effect of the language?

Question 5 Transactional Writing

- How many marks is the writing question worth?
- How long should you spend on the question?
- What purposes of writing might you be asked to produce?
- What are the possible formats of writing you might be asked to use?
- How do you correctly set out a formal letter? What about informal?
- What are the key conventions of a speech?
- What language devices might you use in a persuasive text?
- How do you set out the text of a leaflet?
- List the steps for planning your writing.
- Why is it important to plan?
- What MUST you do after finishing writing your point of view piece?
- Why is it so important to proof read?

What do we study in English Literature?



How is English Literature assessed?

Paper 1: Shakespeare and the 19th century novel

Assessment Outline

- written exam: 1 hour 45 minutes
- 64 marks
- 40% of GCSE English Language

What is assessed?

- Shakespeare play (34 marks*):

‘Romeo and Juliet’ by William Shakespeare

- The 19th-century novel (30 marks):

‘A Christmas Carol’ by Charles Dickens

*4 marks are awarded for technical accuracy.

Questions

‘Romeo and Juliet’: Exploded extract essay response

‘A Christmas Carol’: Exploded extract essay response

Paper 2: Modern texts and poetry

Assessment Outline

- written exam: 2 hour 15 minutes
- 96 marks
- 60% of GCSE English Language

What is assessed?

- Modern drama text (34 marks*):

‘An Inspector Calls’ by J.B. Priestley

- The poetry anthology (30 marks):

Cluster 2 – War and Conflict (15 poems)

- Unseen Poetry (30 marks)

*4 marks are awarded for technical accuracy.

Questions

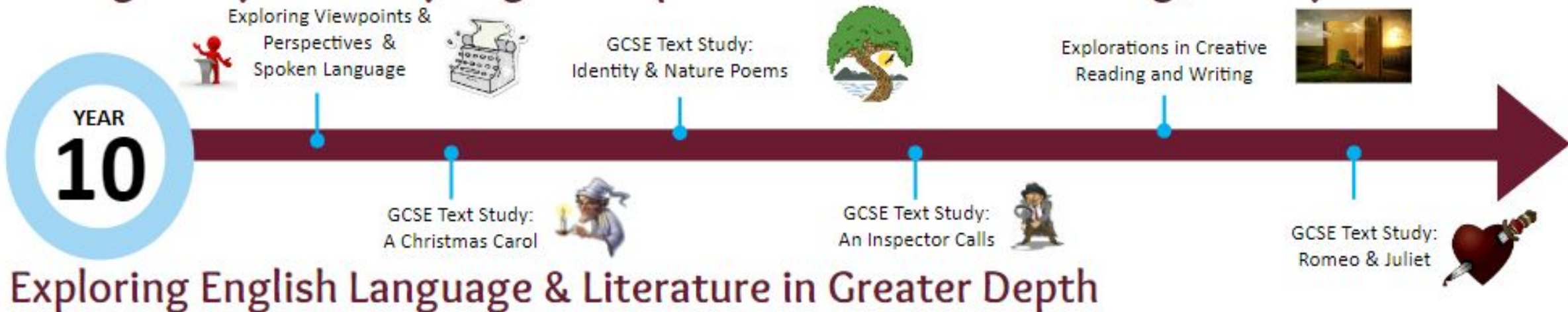
‘An Inspector Calls’: choice of two essays

Section B Poetry Anthology: comparative essay

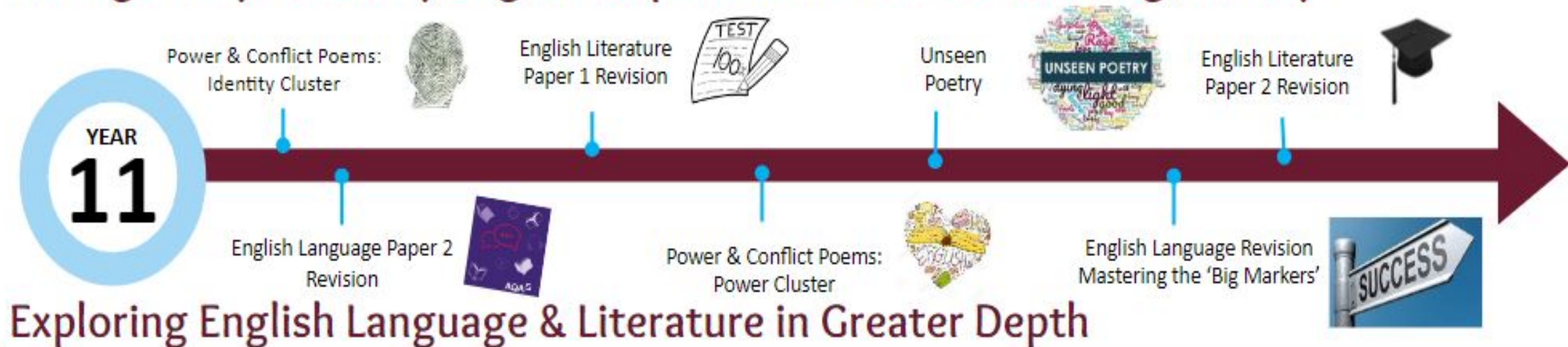
Section C Unseen Poetry: Analytical essay / comparison



Montgomery Academy English Department: Year 10 Learning Journey



Montgomery Academy English Department: Year 11 Learning Journey





How can students be successful in English Literature?



- Rereading the set texts
- Create quizzable flash cards
- Retrieval practice by self-quizzing using your knowledge organisers
- Essay planning, Practise, practise, practise exam papers
- Create graphic organisers: characterisation, actions - causes - consequence, comparisons, concept mapping
- Watch useful online videos- Mr. Bruff / glowupyourgrades
- Dual coding
- Thesis statements and key vocabulary








Useful Revision Websites for English

- Montgomery website/eLibrary
- AQA – student and parent support
- Seneca
- You Tube – Mr Bruff/Stacey Reay
- Sparknotes
- BBC Bitesize
- Quizlet
- Englishbiz
- Revision World
- Get revising
- Universal Teacher
- glowupyourgrades

Useful Revision Apps for English



- Grammarly Keyboard 
- The Poetry Foundation (good for Unseen Poetry) 
- GCSE English Revision Questions 
- English Literature Success 
- My English Literature GCSE
- GCSE English Language Reading Revision (£0.99) 
- Set text Revision for GCSE
- ('Romeo & Juliet', 'A Christmas Carol' and 'Power and Conflict' (£1.99 each))

AT MONTGOMERY ACADEMY

READING MATTERS



Secondary school pupils up to three years behind in reading ability

Secondary school pupils are lagging behind in the literacy stakes with many GCSE students having a reading ability three years [...]



Secondary school pupils up to three years behind in reading ability

Secondary school pupils are lagging behind in the literacy stakes with many GCSE students having a reading ability three years [...]



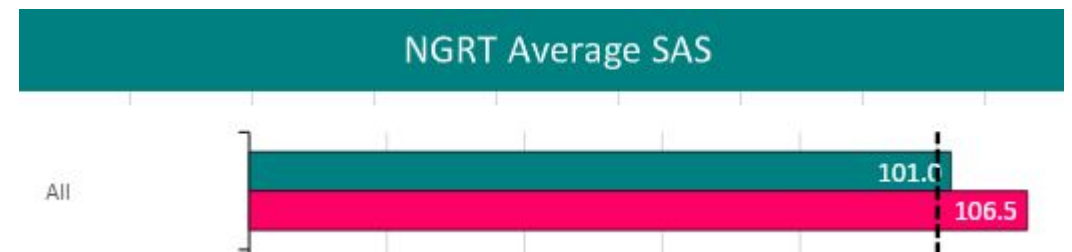
- There is a significant correlation between student reading ability and eventual performance across all subjects at GCSE, which is just as strong in maths and sciences as it is in arts subjects.

Secondary school pupils up to three years behind in reading ability

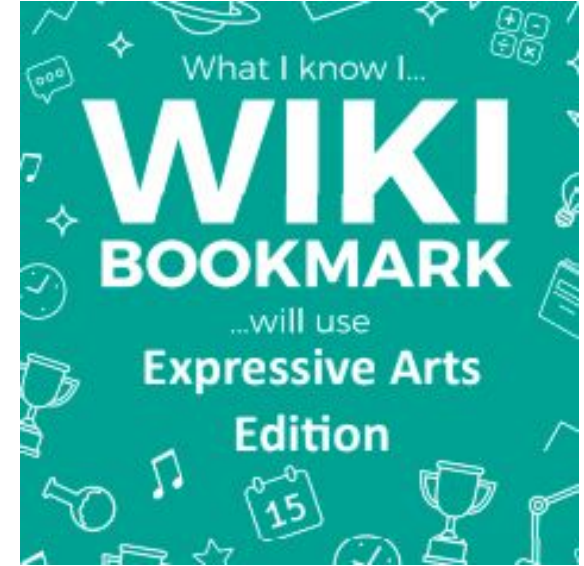
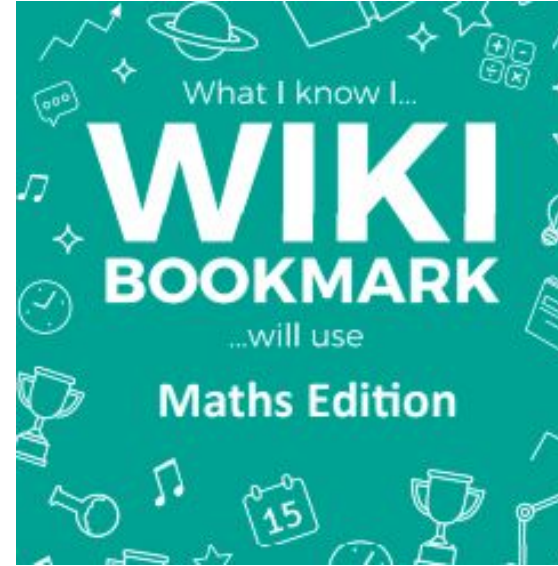
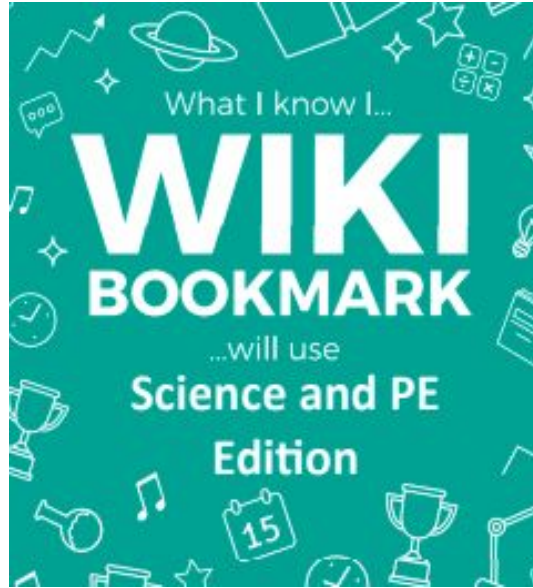
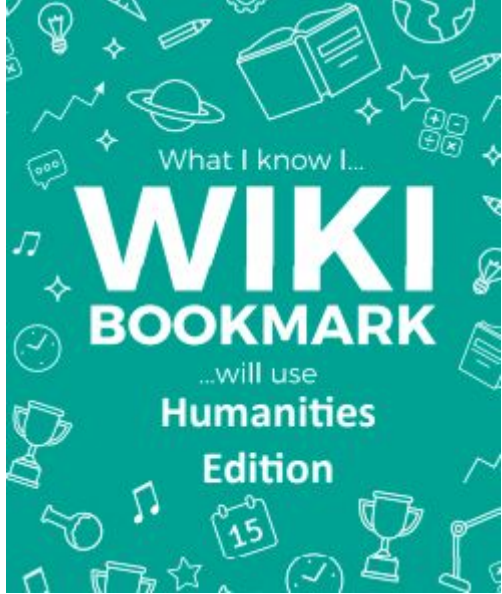
Secondary school pupils are lagging behind in the literacy stakes with many GCSE students having a reading ability three years [...]



- There is a significant correlation between student reading ability and eventual performance across all subjects at GCSE, which is just as strong in maths and sciences as it is in arts subjects.



KS4 Subject Specific Bookmarks



Learning new spellings / vocabulary

Avoid:

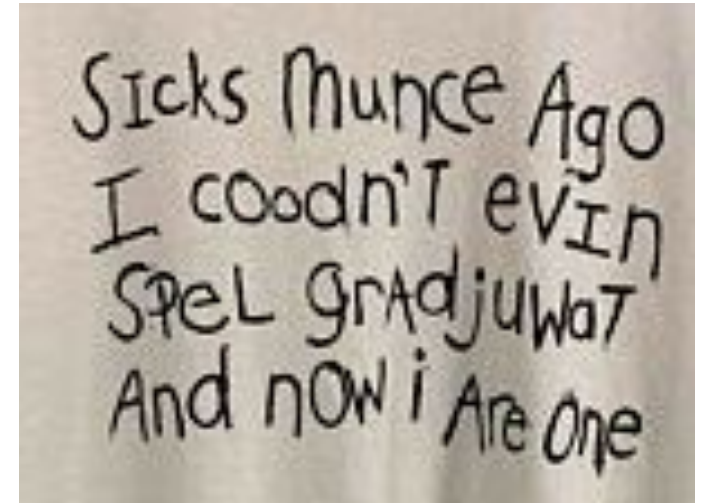
Phonetics and complicated spelling rules

We would suggest:

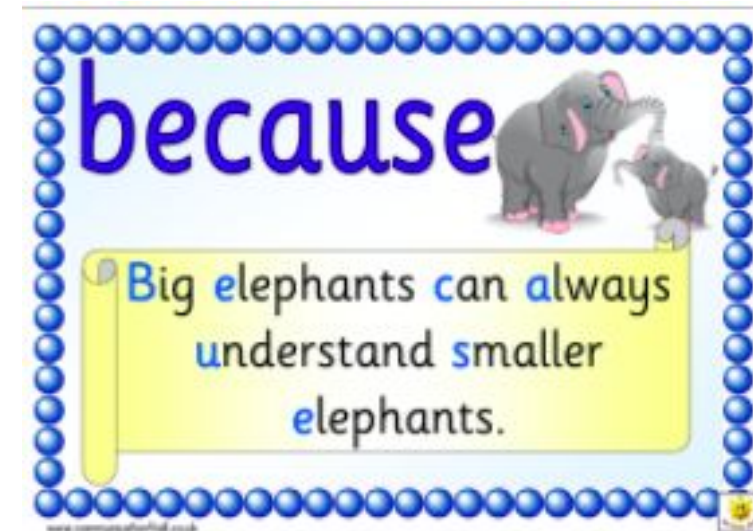
- Chunking
- Look, cover, write & check
- Visuals - dual coding
- Voicing letters

1- con den sa tion (4)

2- on o mat o poe ia (6)



their^{ir}
there^e
they^are



15

MINUTE
READING

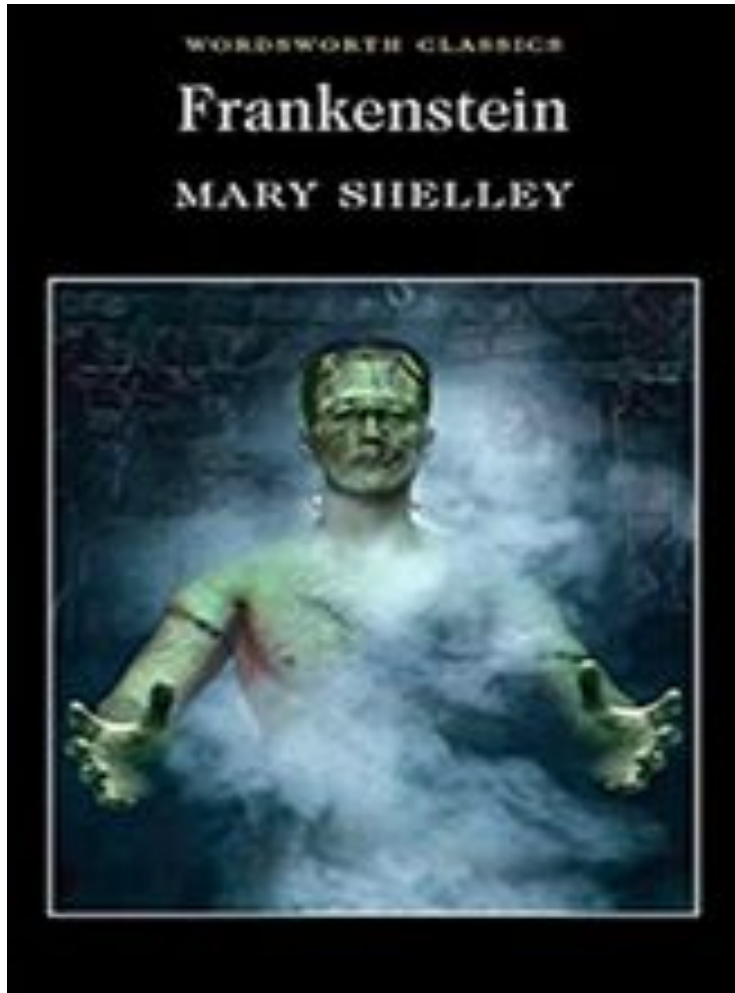


READING FOR
6 MINUTES A DAY
REDUCES STRESS
BY 68%.

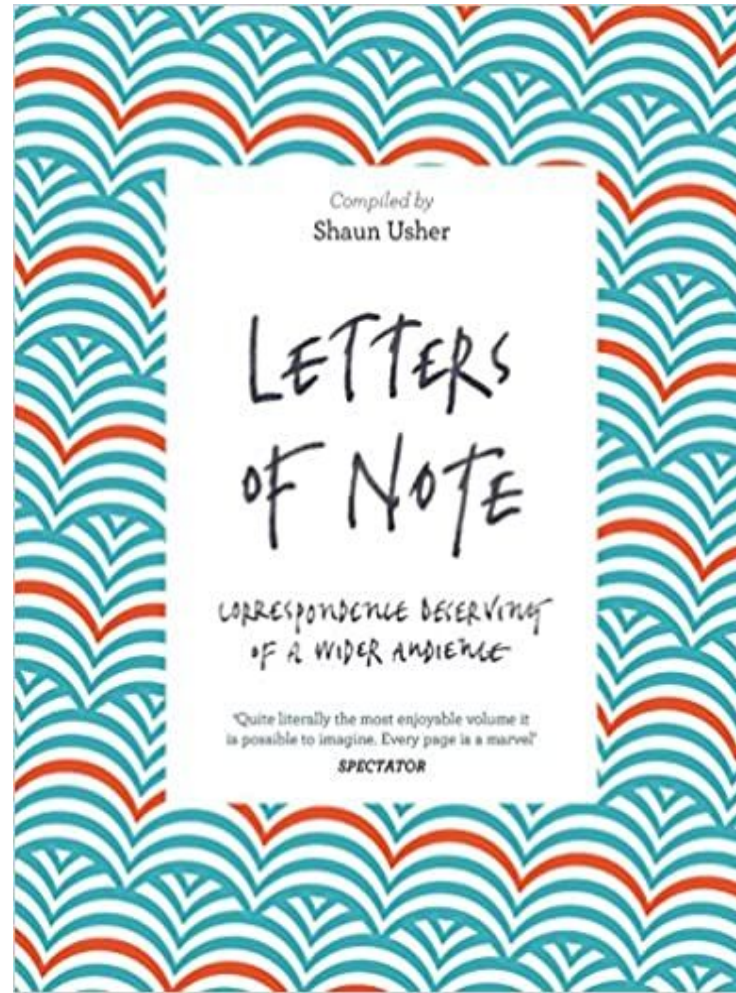


Literary Canon -Yr 10 - Montgomery

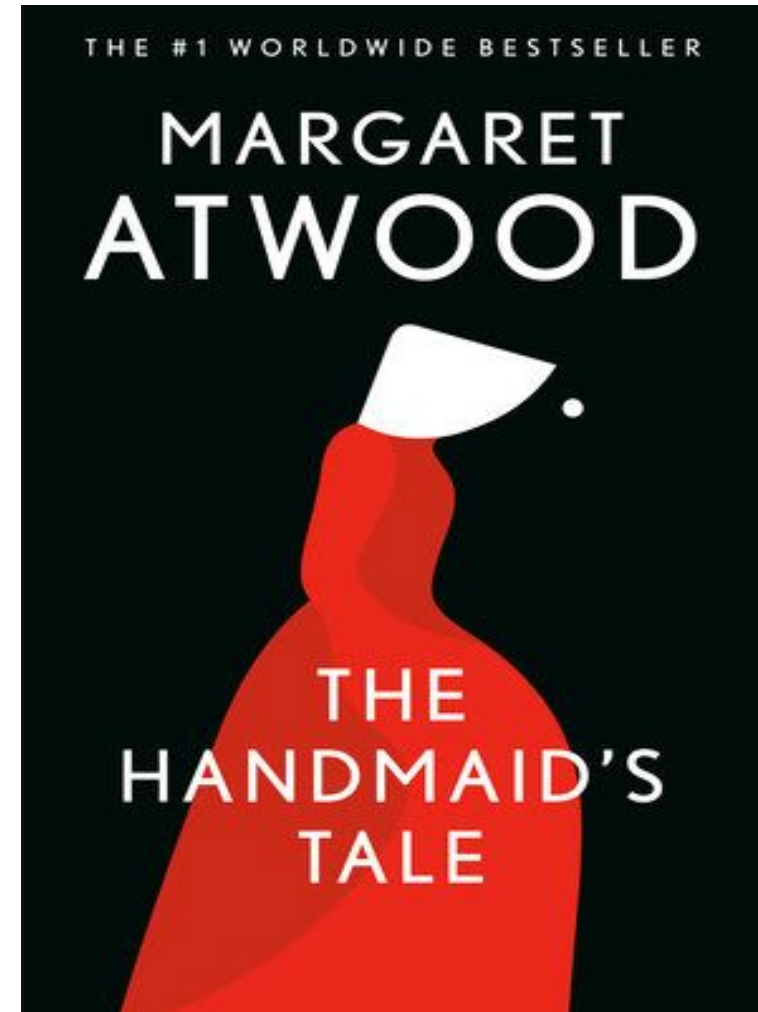
Term 1



Term 2



Term 3



RECOMMENDED
READS

FCAT
The best we can be

suggested by teachers across the trust

YEAR TEN



After the Fire
Will Hill



Moonrise
Sarah Crossan



The Great Godden
Meg Rosoff



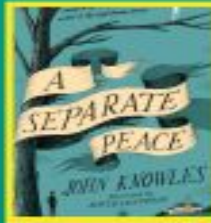
The Disconnect
Keren David



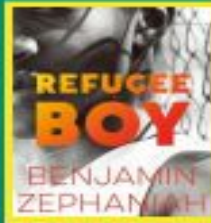
We Come Apart
Sarah Crossan & Brian Conaghan



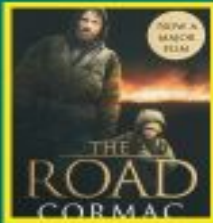
The Fault in Our Stars
John Green



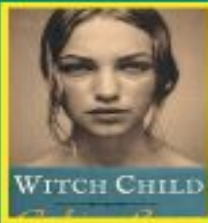
A Separate Peace
John Knowles



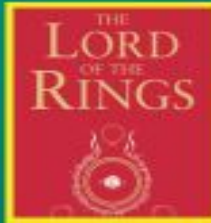
Refugee Boy
Benjamin Zephaniah



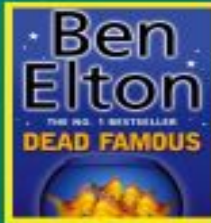
The Road
Cormac McCarthy



Witch Child
Celia Rees



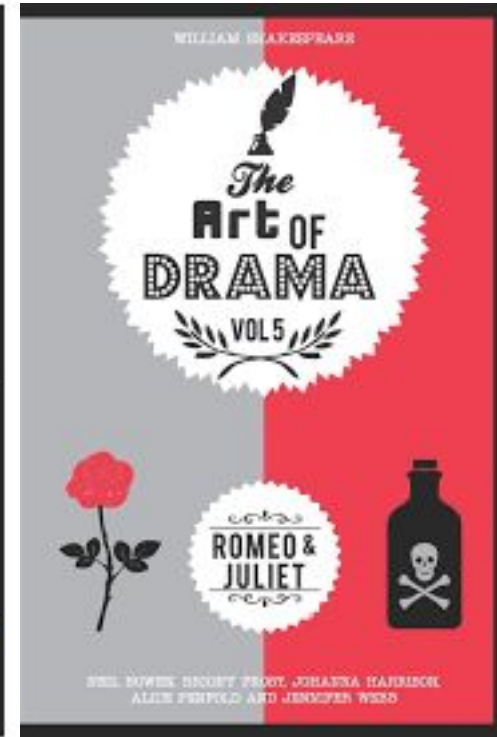
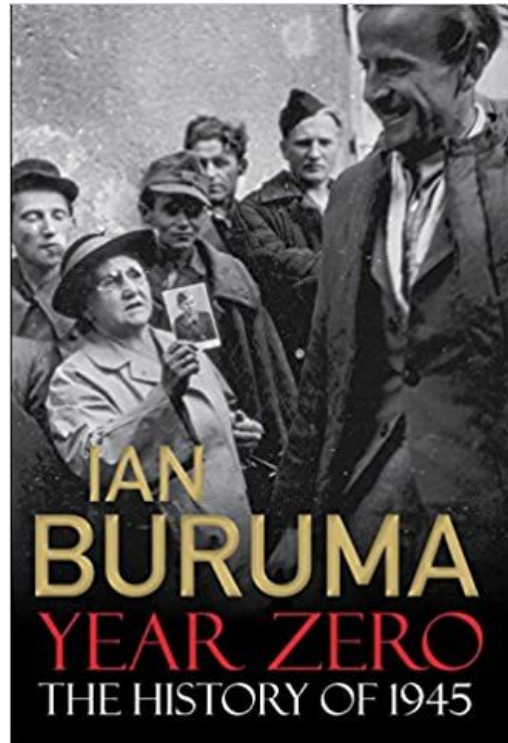
Lord of the Rings Trilogy
J.R.R. Tolkien



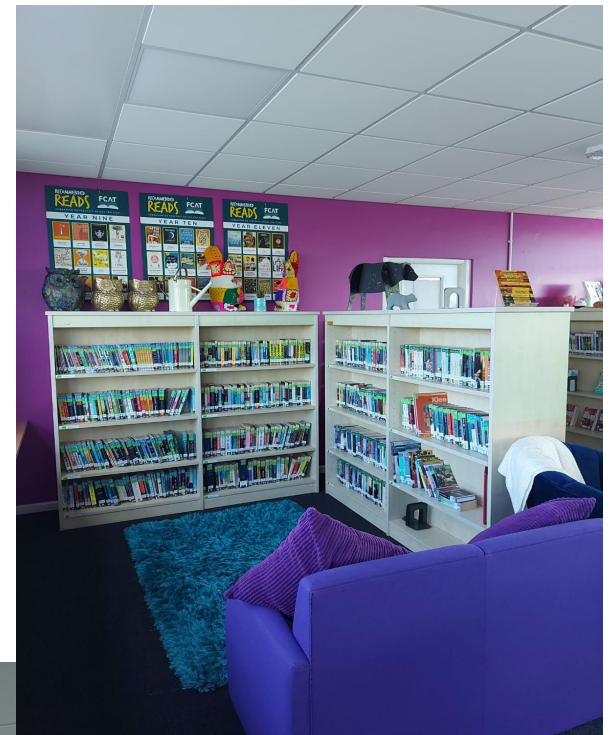
Dead Famous
Ben Elton

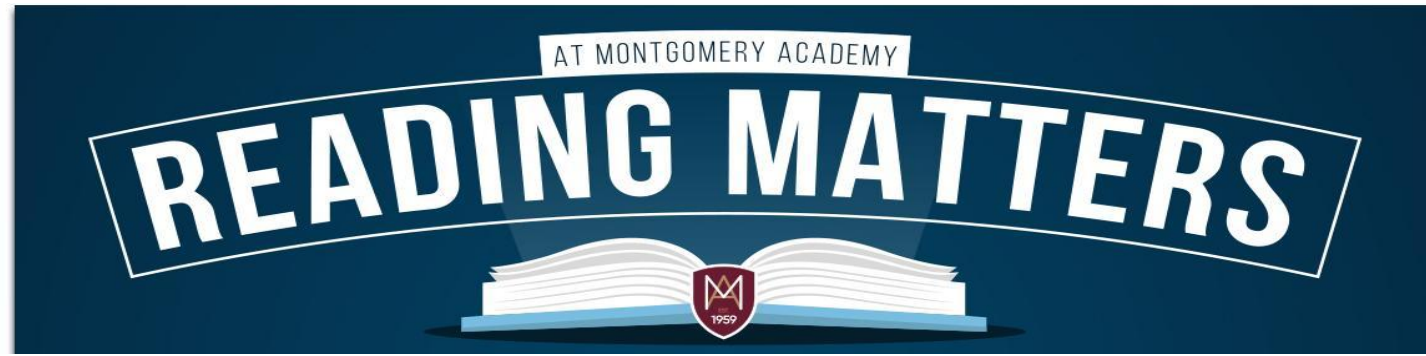
Recommended Wider Reading Lists

Year 10



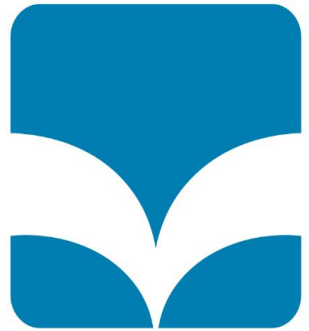
AT MONTGOMERY ACADEMY READING MATTERS





The Montgomery e-library

Over 15000 books and 900 audio books



ePlatform

by wheelers books

READING

Accelerated Reader

Assistive Technology

Blackpool Libraries

E Library

FCAT Literary Canon

Library System

Reading Journey

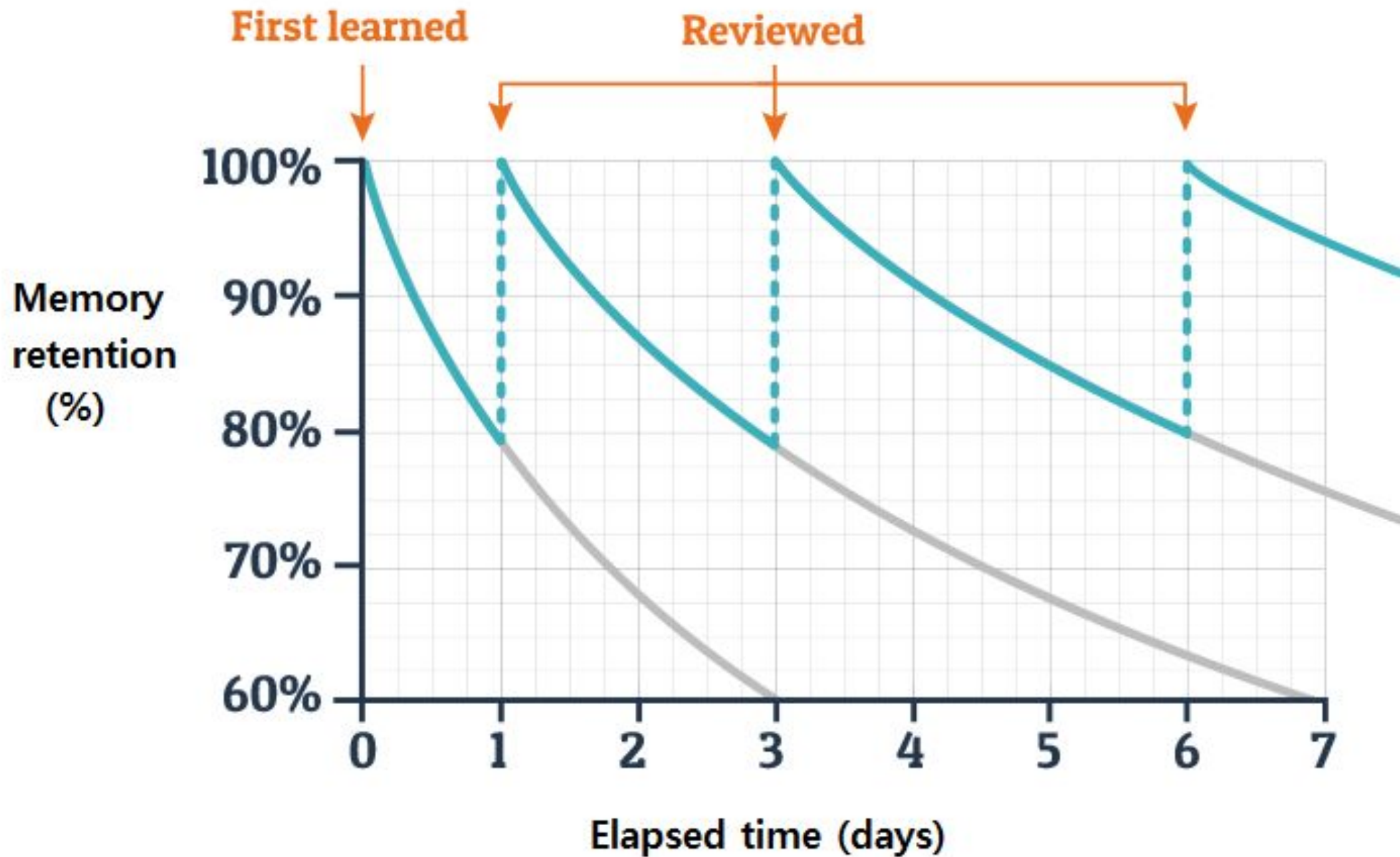
Recommended Reads

The WIKI Way

Turn on the subtitles

Homework and Independent Learning





Classroom Practice

At Montgomery, teachers will plan to EXCEL.



Montgomery Academy

Inspiring Excellence Together

E

Entry

Entry task

X

Excellent

Excellent relationships

C

Challenge

Challenge and support learning

E

Effective

Effective explanations, modelling and questioning

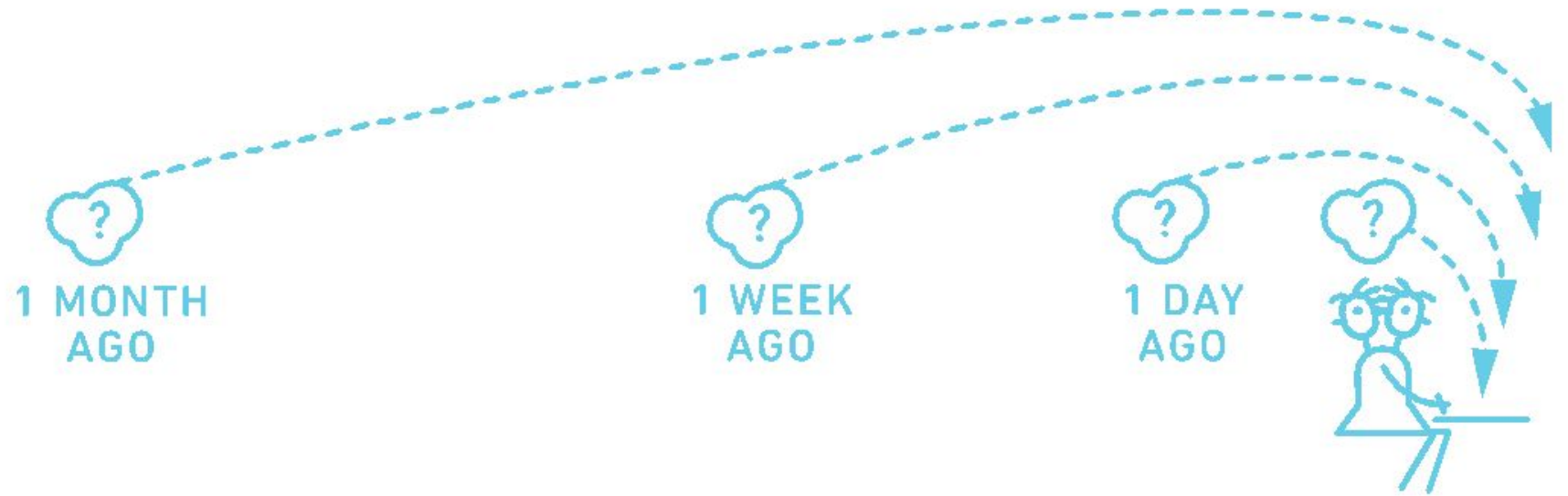
L

Learning

Learning over time



Spaced practice



E

Entry

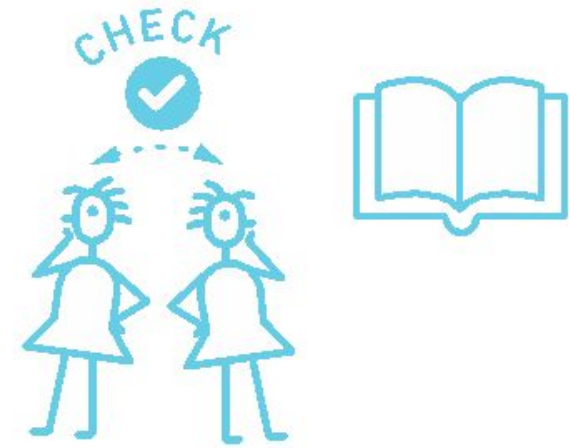
Entry task

Homework and Independent Learning

Year 10 2023-2024				
Subject	Course	Board	Exam Requirements	Homework expectation
English Language	GCSE	AQA	2 x 1 hour 45 minute papers + NEA Spoken language (0% weighting)	NEA preparation (Summer term 2023), practice questions/exam papers, self-quizzing on knowledge organisers, weekly spellings and Seneca assignments
English Literature	GCSE	AQA	2 papers. P1 - 1 hour 45 minutes, P2 - 2 hour 15 minutes	Practice questions/exam papers, self-quizzing on knowledge organisers, weekly spellings, Seneca assignments, rereading core texts/poems and revision cards
Maths	GCSE	Edexcel	3 x 1 hour 30 minute papers (1 non calc, 2 calc)	Sparx Maths 40 mins per week. In year 11 includes completion of past papers.
Biology	GCSE	AQA	2 x 1 hour 45 minute papers	Seneca Paper 1 - 15 mins
Chemistry	GCSE	AQA	2 x 1 hour 45 minute papers	Seneca Paper 1 - 15 mins
Physics	GCSE	AQA	2 x 1 hour 45 minute papers	Seneca Paper 1 - 15 mins
Combined Science: Trilogy	GCSE	AQA	6 x 1 hour 15 minute papers (2 bio, 2 chem, 2 phys)	Seneca Paper 1 - 15 mins x 3 (Bio, Chem & Phys)
Computer Science	GCSE	OCR	2 x 1 hour 30 minute papers	Currently online quizzes. However, shortly after half-term the groups will be moving to exercise books with exam questions
French	GCSE	AQA	3 papers. P1 listening - 35/45 mins, P3 reading - 45 mins/1 hour, P4 writing - 1 hour/1 hour 15 mins + P2 speaking (NEA)	Vocabulary learning, reading comprehension, Writing, translation
Geography	GCSE	AQA	3 x 1 hour 30 minute papers	Fortnightly Seneca learning assignments (x20 mins~) in addition to practice exam questions. Additional revision is expected around mock examinations.
History	GCSE	AQA	2 x 2 hour papers	Fortnightly SENECA assignments. Revision for set exam questions/assessments where appropriate.
DT: Resistant Materials	GCSE	Edexcel	1 hour 45 minute exam, 1 x NEA component	Weekly homework set either examination preparation reinforcing the theory work in readiness for the end of year examinations or reinforcing the coursework preparation lessons
				Additional drawing to support their current project

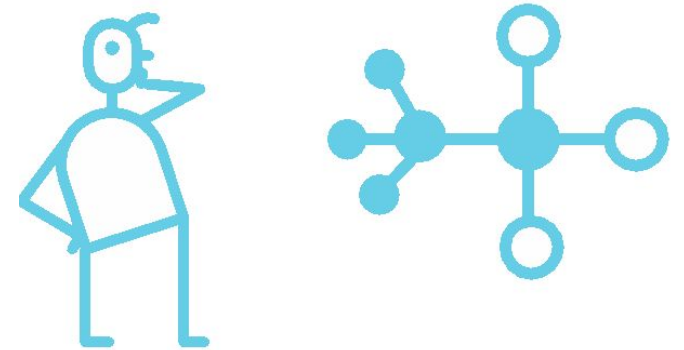


Retrieval practice



2 key ideas:

- Self-quizzing
- Self-testing flashcards



L

Learning

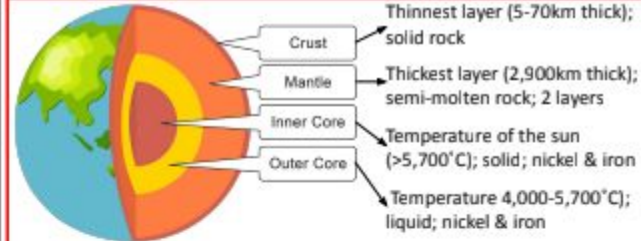
Learning over time

Self-quizzing

Knowledge Organisers Knowledge Checks

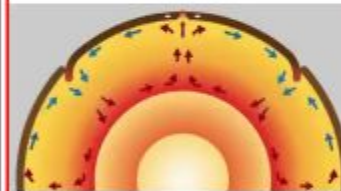
Key Vocabulary

- Composite Volcano** - Tall, steep-sided volcano with thick lava flows
- Constructive Margin** - Where plates move apart
- Continental Drift** - The movement of the plates over millions of years
- Convection Currents** - Movement within the Earth's mantle due to heat from the core
- Core** - The centre of the Earth. There is a solid inner and liquid outer core
- Crust** - The surface layer covering our planet
- Destructive Margin** - Where oceanic and continental plates move towards each other
- Distribution** - Where something is located
- Lava** - Magma which has erupted onto the Earth's surface
- Magma** - Hot, liquid rock stored underground.
- Mid-ocean Ridge** - A line of volcanoes under the crust that form when two or more plates meet
- Ring of Fire** - A line of volcanoes around the Pacific Ocean
- Shield Volcano** - A short, wide volcano with runny lava flows
- Subduction** - Where one plate sinks under another
- Tectonic Plates** - Huge pieces of the Earth's crust
- Viscous** - Thick/sticky consistency
- Volcano** - An opening in the Earth's crust through which lava, ash and gases escape



Continental Drift

Theory by Alfred Wegener that the continents move
Evidence includes: continents fitting together, similar plants, fossils and rocks across different continents

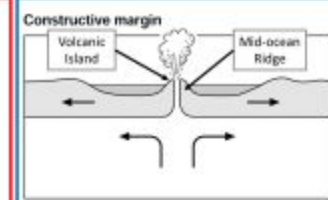


Convection Currents

- Heat from the core causes the mantle to rise to the surface
- Rising magma **pushes** plates **apart**
- Sinking magma **pulls** the crust down into the mantle (**subduction**)

Volcano Distribution

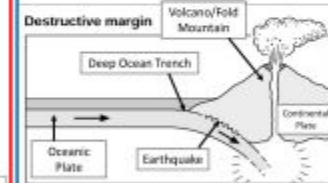
- Mostly along plate margins
- In linear patterns
- 70% are around the 'Ring of Fire'
- Large clusters in Iceland, Japan and south-east Asia



- Plates move **apart**
- Magma rises to fill the gap
- Lava cools to form new sea floor creating a ridge
- Layers build to form a volcanic island

Shield Volcanoes

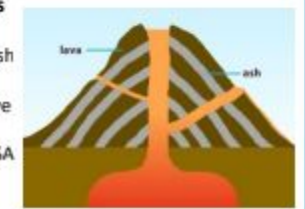
- Gently-sloping sides
- Formed by layers of lava
- Eruptions frequent & gentle
- Fluid lava
- E.g. Kilauea and Mauna Loa, Hawaii



- Move **together**
- Denser oceanic plate **subducts**
- Friction causes earthquakes
- Oceanic plate melts creating viscous magma
- Volcano erupts violently

Composite Volcanoes

- Steep-sided
- Formed by layers of ash and lava
- Eruptions are explosive
- Lava is viscous
- E.g. Mt. St. Helens, USA & Mt. Pinatubo, Indonesia



L

Learning

Learning over time

How to use a knowledge organiser

Step 1: Read the section you're memorising

Step 2: Cover the section up

Step 3: Write down everything you can remember

Step 4: Check your notes again against the section you're studying

Step 5: With a different colour pen, write down any information you missed so you can visibly see any gaps in your knowledge



Self-testing flashcards

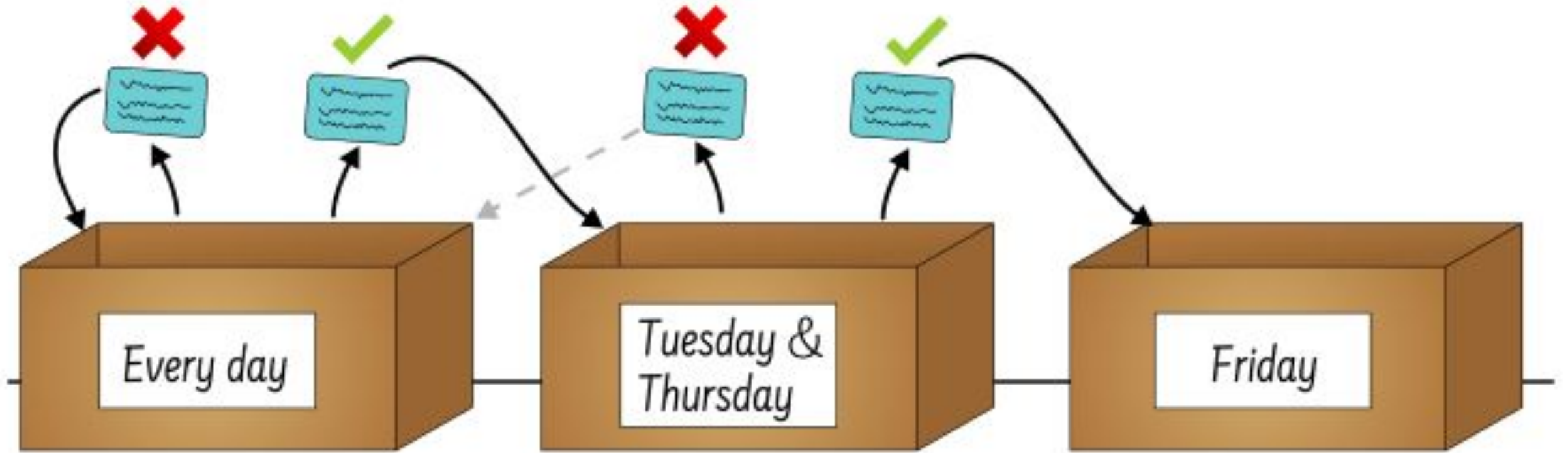
How tall is Mount Everest?

FRONT

*8,848 metres above
sea level*

BACK

Self-testing flashcards



The Leitner System

Basic study steps

- Focus on work
- Produce high quality (home) work
- Focus on presentation and handwriting
- Spend time editing/proof reading work
- Have quiet reading time
- Have reflection time looking through books
- Revise for quizzes/tests/assessments/examinations



Creating the right environment at home for independent learning

- ✓ Ensure they have all the right equipment available (pens, calculator etc.)
- ✓ Have a drink or bottle of water handy
- ✓ Quiet music can help, but not the radio TV or phone!



YOUR SON/DAUGHTER MAY NEED TO CHANGE THEIR HABITS

Planning ahead and stacking a habit on top of another one that is already established:

"I always go on my Playstation lying on my bed when I get in from school. On Wednesday morning I am going to leave my laptop/knowledge organiser on my bed so that when I get home from school I do my Sparx maths before I go on my Playstation. I will give my Playstation controller to my parent/carer who will give it back when I show them my homework is done. I will show them my 100% score or ask them to quiz me on the things I have memorised to impress them."

The school curriculum- (Where to find what your child is learning on the school website)

Year 10 Montgomery Learning Journey 2023-2024			
	Cycle 1	Cycle 2	Cycle 3
English Language	Explorations in Creative Reading and Writing	Exploring Writers' Viewpoints & Perspectives	NEA Spoken Language
English Literature	Modern Drama: An Inspector Calls	The 19th Century Novel: A Christmas Carol Anthology Poetry: Power and Conflict	Shakespeare: Romeo and Juliet
Maths – Foundation	Solving ratio & proportion problems Ratios Probability Congruence, similarity & enlargement Trigonometry Equations & Inequalities Simultaneous equations	Angles & bearings Working with circles Vectors Ratios and fractions Percentages and interest	Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots Manipulating expressions
Maths – Higher	Solving ratio & proportion problems Ratios Probability Congruence, similarity & enlargement Trigonometry, Equations & Inequalities	Simultaneous equations Angles & bearings Working with circles Vectors Ratios and fractions	Percentages and interest Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots, Manipulating expressions
Science – Biology	Organisation (continued) Bioenergetics Infection & Response	Infection & Response (continued) Homeostasis	Homeostasis (continued) Paper 1 Revision (mock exams) Inheritance
Science – Physics	Particles Electricity	Electricity (continued) Atomic Structure	Forces Paper 1 Revision (mock exams)
Science – Chemistry	Chemical Change Energy Changes	Energy Changes (continued) Quantitative Chemistry	Chemical Analysis Paper 1 Revision (mock exams) Rates
History	Conflict and Tension WW1	Conflict and Tension WW1/Health and the People	Health and the People
Geography	Living with the physical environment: Section A (The challenges of natural hazards), Section B (The living world), Section C (Physical landscapes)		
Travel and Tourism	Unit 1 travel and tourism organisations and destinations	Unit 1 external coursework task	Unit 2 Customer needs in travel and tourism
Child Development	RD57 Health and wellbeing for Child development Topic area 1 Prenatal health and reproduction	RD57 Health and wellbeing for Child development Topic area 2 Antenatal care and preparation for birth	RD58 NEA: Create a safe environment and understand the nutritional needs of children from birth to five years. RD57 Health and wellbeing for Child development Topic area 3 Postnatal checks, postnatal care and the conditions for development
French	Relationships and partnerships	Home and local area	Tourism

Home > Curriculum > Subjects

Curriculum

Curriculum Overview

Child Development

Comp

What is Class Charts?



- It is an app and website that can help students and parents keep track of:
 - Ambition points
 - Behaviour points
 - Attendance and punctuality to lessons
 - Homework

ClassCharts would be the recommended app to look at:
Behaviour & ambition points
Attendance
Homework

Expressions is more suited as a communication tool (reporting absences to attendance)

How do I access ClassCharts

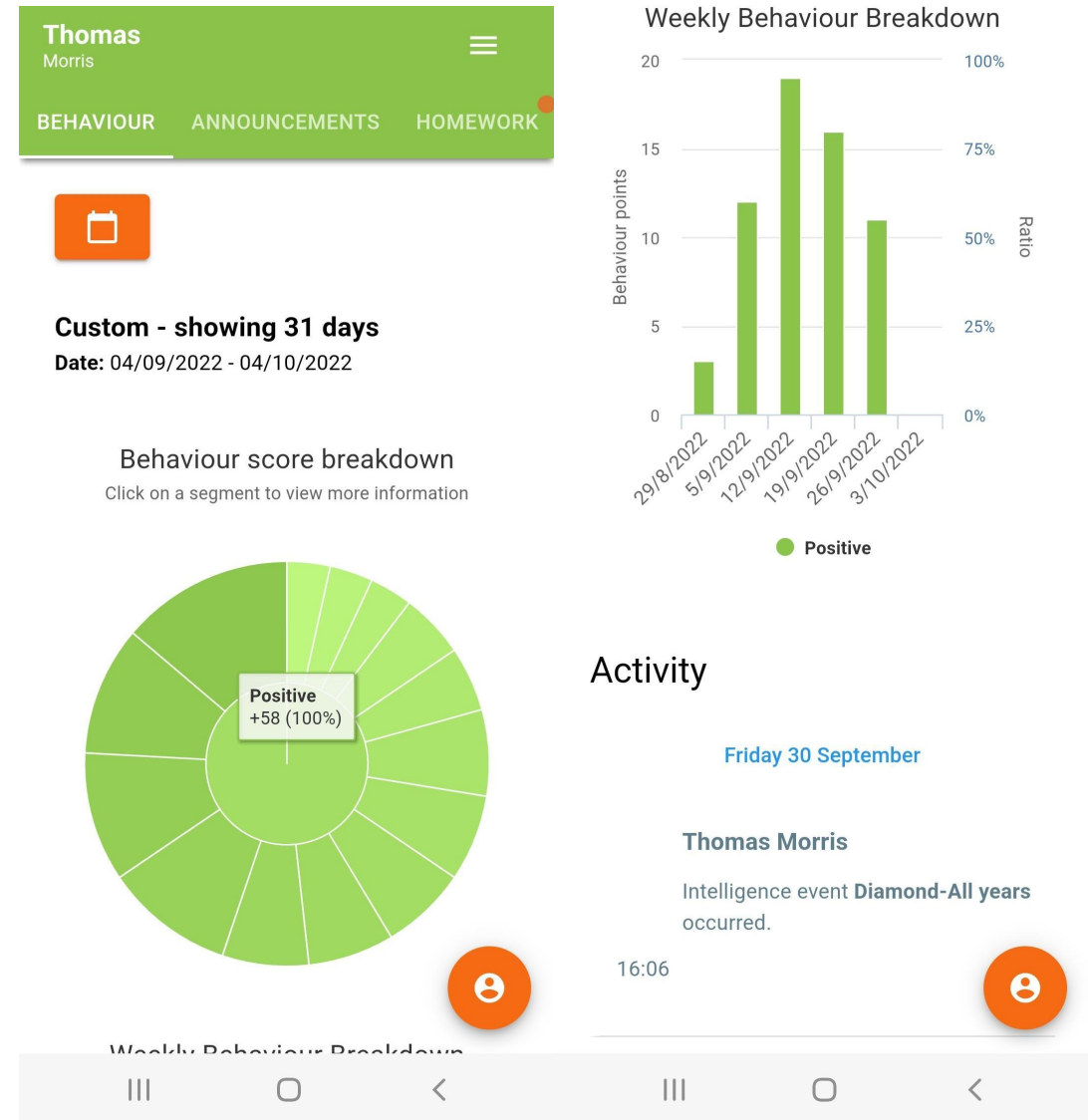
- ClassCharts for parents can be accessed via the website at classcharts.com, or by the iOS and Android apps called 'ClassCharts for parents' whilst the student one is called 'ClassCharts for Students'
- For your first login you will need to enter the parent code which has previously been sent out via the primary email address.

82% of year 10 parents
logged into ClassCharts
in the last week



Behaviour

- On the behaviour screen you will be presented with informative graphs which display your child's overall behaviour in the form of a pie chart and a bar graph.



Your balance
73
POINTS

25
POINTS



Blue House Charity Donation
Make a donation of 25p to Blue house charity


PURCHASE

25
POINTS

Green House Charity Donation
A donation of 25p to green house charity

PURCHASE

200
POINTS




Free Item of food
Reward yourself with a free item of food for you hard work!

You need **127** more points

PURCHASE

400
POINTS




Front of the queue pass for a term
Reward yourself with a front of the queue pass for a week

You need **327** more points

PURCHASE

100
POINTS




Pastel Highlighters
Chisel tip highlighters give a 2-5mm line width. Made from water-based ink, perfect for highlighting work. Pastel shades include lilac, peach, blush pink, aqua, turquoise and yellow. Pastel shades - pack of 6

You need **27** more points

PURCHASE

100
POINTS



Revision Cards
Silvine Medium Study Cards, 48 assorted coloured cards with ruled lines and headline, 76x126mm, with metal keyring.

You need **27** more points

PURCHASE

Attendance

- Allows you to see lesson by lesson attendance.
- Green: Present
- Yellow: Late
- Red: Absent
- White: No attendance information

Attendance					
	21 NOV	22 NOV	23 NOV	24 NOV	25 NOV
10A/Dr1	Green	White	Green	White	Yellow
10B/Bs1	Green	Green	White	Red	White
12A / Re	Green	Green	White	White	White

Homework

Homework tasks fall under 5 different categories:

1. **To do:** These are the tasks that need to be completed.
1. **Completed:** These are the tasks that your child has ticked as submitted, but have yet to be confirmed by your teacher.
1. **Submitted:** These tasks have been confirmed as completed by the teacher who gave the homework.
1. **Submitted late**
1. **Not submitted:** This has been marked as not received by the teacher.



Custom - showing 38 days

Due date: 27/09/2022 - 03/11/2022

Show by issue date

Show by due date

6 tasks due this week

5 tasks submitted/completed

1 task remaining this week

▼ To do

1

▼ Completed

10

▼ Submitted late

0

▼ Not submitted

0

▼ Submitted

2



FRENCH - MRS S KHALIFA



Writing

Issued: 11/09/2019

To-do

Due: 16/09/2019



Completed

BIOLOGY - MISS C ROGERS



Seneca Assignment - Biology

Issued: 12/09/2019

Completed

Due: 19/09/2019



GEOGRAPHY - MR L CLAYTON



Rainforest characteristics

Issued: 13/09/2019

Completed

Due: 20/09/2019



Submitted Late

No homework for this status

Not Submitted

No homework for this status



Thomas

Morris

Montgomery Academy



Homework:

To-do (1)

Late (0)

Detentions:

Pending (0)

Not attended (0)

Thomas

Morris



ASSES

TIMETABLE

ATTENDANCE

BADGES

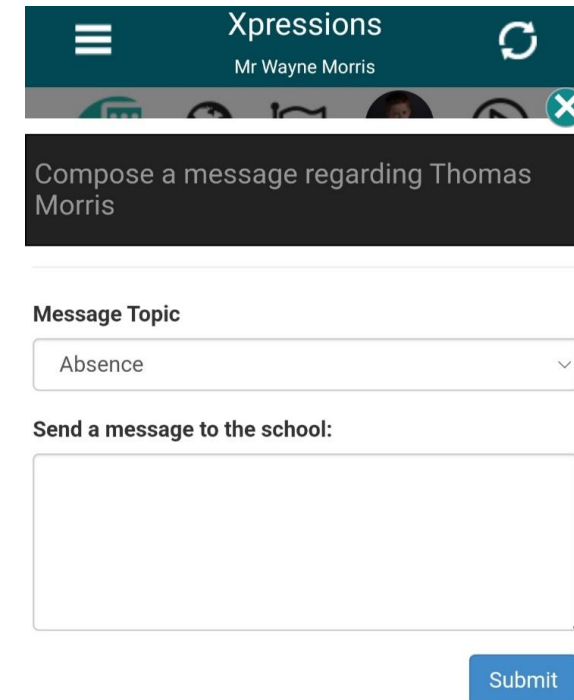


Diamond x

4

Xpressions mobile app

- Free to download on both Android and Apple and is primarily used as a free tool to communicate back and forth with school.
- When logging into expressions you will be required to enter the primary email address and mobile number that the school has on file.
- Xpressions includes:
 - Attendance
 - Achievement points
 - Behaviour points
 - Key reports when issued
 - All school letters
 - **Communicate directly to school (including notifying the school about absences)**



The screenshot shows the Xpressions mobile app interface. At the top, there is a dark teal header with a hamburger menu icon on the left, the text "Xpressions" in the center, and a refresh icon on the right. Below the header, the name "Mr Wayne Morris" is displayed. A dark grey banner below the header contains the text "Compose a message regarding Thomas Morris". Below this banner, there is a "Message Topic" section with a dropdown menu currently set to "Absence". Underneath, there is a text input field with the label "Send a message to the school:". At the bottom right of the screen, there is a blue "Submit" button.

Xpressions
Mr Wayne Morris

School Calendar for Montgomery High School

Monday, 17 October 2022

00:00 - 23:59 **Staff Training Day** Inset 2

2022-10-17 - 2022-10-28 **Half-Term** Autumn Half Term

Tuesday, 18 October 2022

00:00 - 23:59 **Staff Training Day** Inset 3

Wednesday, 19 October 2022

00:00 - 23:59 **Staff Training Day** Inset 4

Saturday, 29 October 2022

2022-10-29 - 2022-12-16 **Half-Term** Autumn Term 2

Saturday, 17 December 2022

2022-12-17 - 2023-01-02 **Christmas Holiday**

Last updated 2022-10-04 04:42

Xpressions
Mr Wayne Morris

Mr Wayne Morris
at Montgomery High School

Filter

Montgomery High School
Via Groupcall Messenger

Good Afternoon,
Even after a 4-day week Thomas has achieved this week's diamond award for 11+ ambition points! Well Done Thomas! Please see the attached certificate!
Also here is a reminder of the Parental ClassCharts App code:73LQF5DG5F
Have a great weekend.
Mr. Hegarty

Regarding: Thomas Morris 23/09/2022

Xpressions
Mr Wayne Morris

Thomas Morris

Xpressions for Thomas Morris

- Timetable
- Attendance **100%**
- Achievements **61 pts**
- File Store
- Assessment/Results
- Send Message to School

Careers and next steps...



Careers
evening
Year 9-11

Don't worry if
you missed it -
same time
next year!



Careers Event
Montgomery Academy
3rd October 2023
Years 9 / 10 & 11

Please come and join us for Careers Evening on Tuesday 3rd October. It is a ticketed event, please book your ticket with Ticket Source.

School uniform is optional.

Please use the QR code or link below to book your tickets
<https://www.ticketsource.co.uk/montgomery-academy>



Year 10 Timeline

B&FC – Saturday 11th Nov 4:30pm-7pm
Blackpool Sixth – Saturday 11th Nov 10:30am-2:30pm
Preston College - Saturday 18th Nov 10am-2pm
Cardinal Newman - Saturday 11th Nov 10am-1pm
Nautical Campus – Thursday 23rd Nov 2:30pm-6pm
Myerscough – Saturday 18th Nov details TBC

October - Annual Careers Event

October - GCSE Information Evening

Jan/Feb - Report #1 and Progress Evening

June - End of year exams

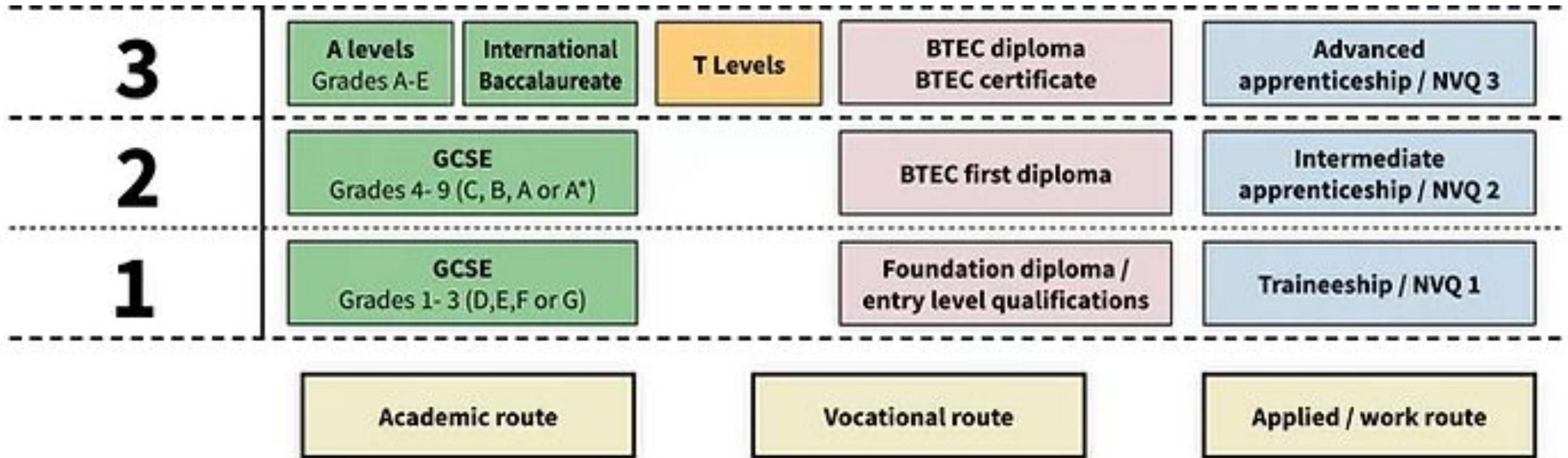
June/July – Blackpool Sixth and B&FC College visits

July - Report #2



Next Steps

A levels, T levels, BTECs, Apprenticeships



Qualification levels



Stressed
spelled
backwards is
desserts.

- LORETTA LAROCHE



WWW.VERYBESTQUOTES.COM



designed by freepik.com

friends