



Year 10 Parents' Information Evening 10th January 2024

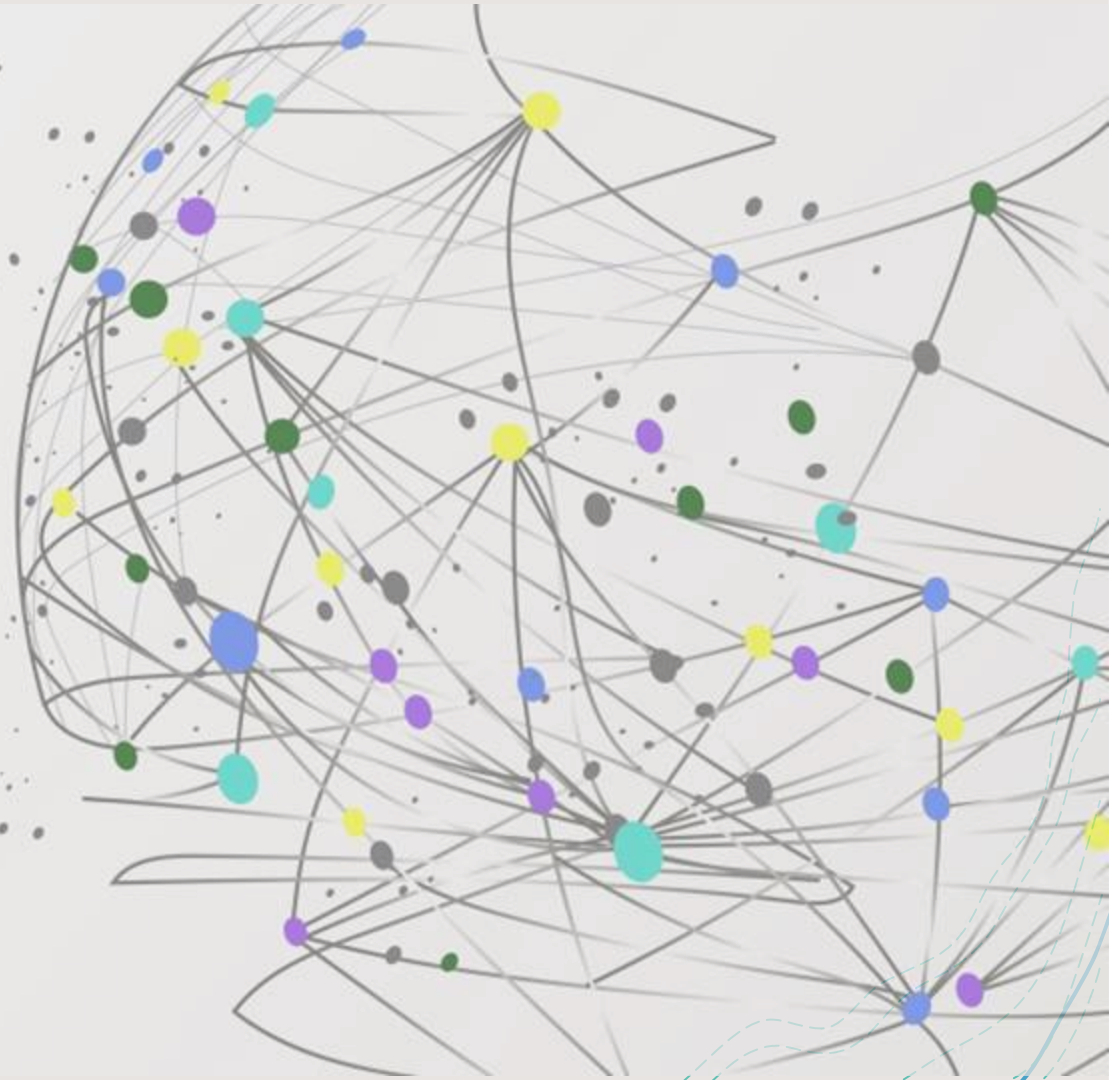


KING EDWARD VI
SCHOOL LICHFIELD



Y10 Revision and Retrieval Strategies

Mr Haigh



The computer metaphor for memory



- x Type anything in and hit save.
- x Store and retrieve information just as it was first entered.

Sarah Cottingham
Twitter: @ overpractised

The ecosystem metaphor for memory



- Interconnected: dependent on other memories
- Dynamic: memories do not stay the same
- Adaptable: different conditions cause different adaptations

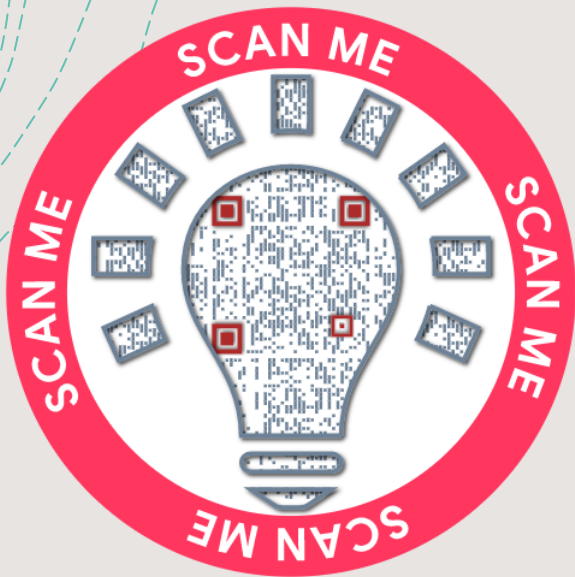
Sarah Cottingham
Twitter: @ overpractised

Schemas and learning

- + When learning, we connect new information with our existing knowledge by developing our existing schemas.



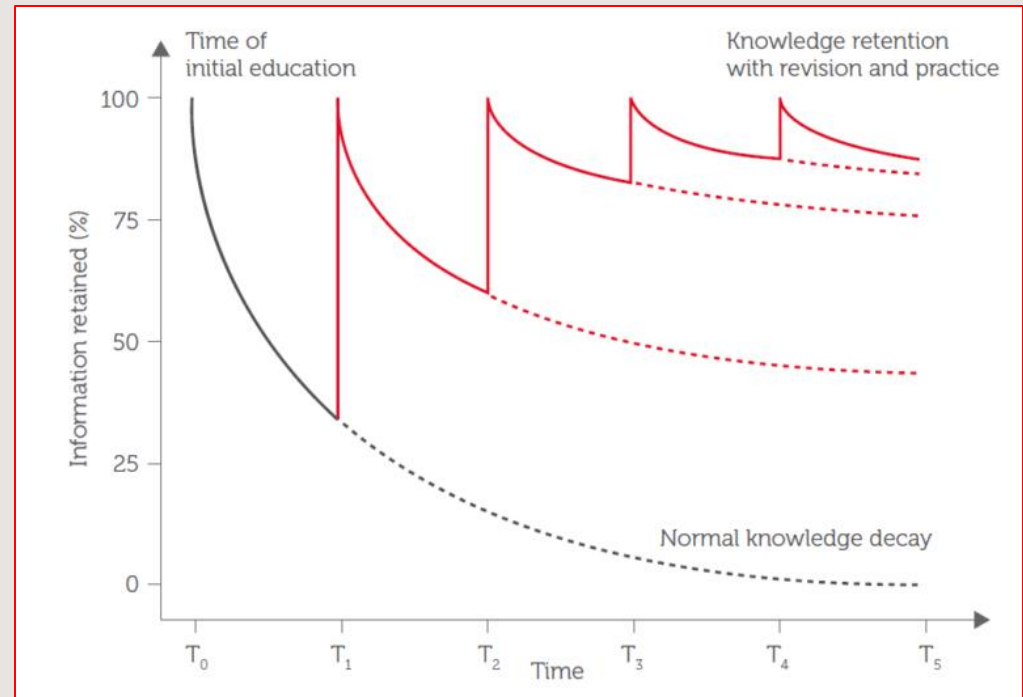
Memory



Sarah Cottingham
Twitter: @ overpractised

Consolidation = learning.
Memory consolidates into networks called schemas.
Schemas = our prior knowledge.

Forgetting Curve



- + **Retrieving** content from long term memory
- + Research suggests retrieval practice is most effective to retain information
- + Linking content and making it meaningful will help memory

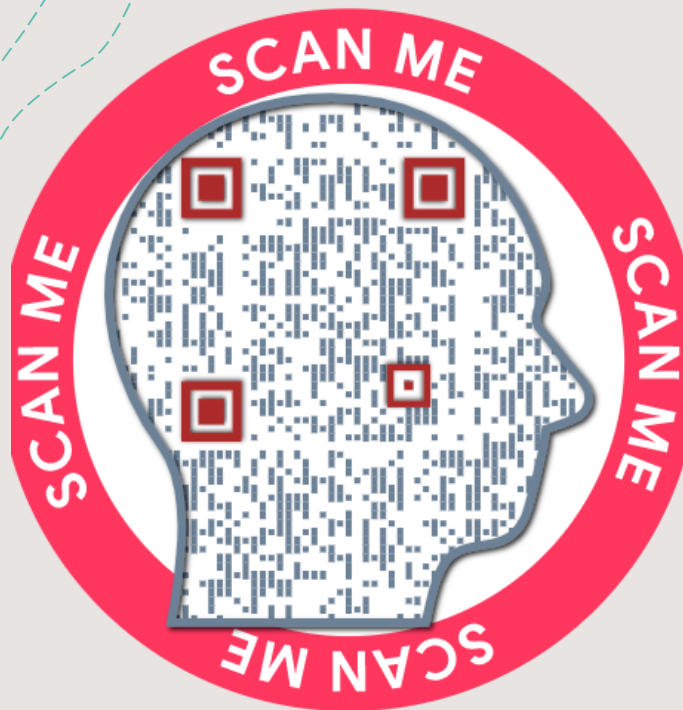
Retrieval Practice



- +Low stakes
- +Link to tier 2 literacy vocabulary
- +Questioning / quizzes
- +Brain dump
- +Mind maps
- +Flash cards

Retrieval Questions

GCSE - BBC Bitesize




Art and Design	Biology (Single Science)	Business	Chemistry (Single Science)	Combined Science	Computer Science
Design and Technology	Digital Technology (CCEA)	Drama	English Language	English Literature	French
Geography	German	History	Home Economics: Food and Nutrition (CCEA)	Hospitality (CCEA)	ICT
Irish - Learners (CCEA)	Journalism (CCEA)	Learning for Life and Work (CCEA)	Maths	Maths Numeracy (WJEC)	Media Studies










Teaching

- + Key questions to show demonstrate deeper knowledge:
 - + Can you tell me another example
 - + Can you link this to another part of your course
 - + Can you explain this further
 - + Can you compare this to.....

Independent Study
King Edward VI School

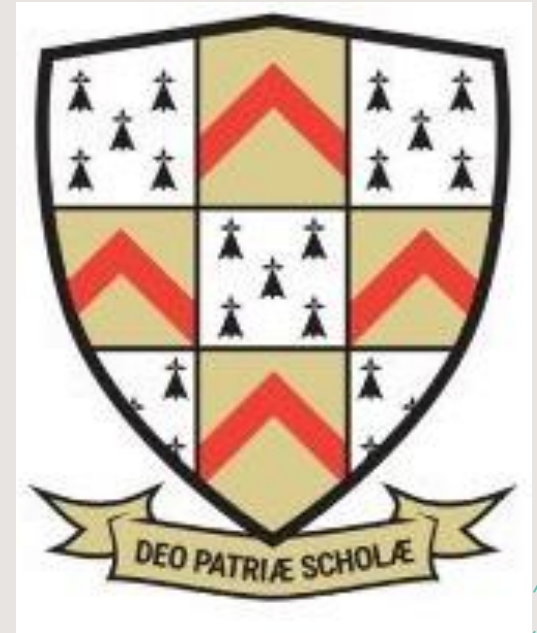


A SUCCESSFUL STUDENT.....
WHAT ARE THE BEHAVIOURS OF A SUCCESSFUL STUDENT?

MAKES MISTAKES AND LEARNS FROM THEM.  Mistakes are a vital part of the learning process. They help us to think differently and develop problem solving skills.	ASKS FOR HELP WHEN THEY NEED IT.  You are NOT alone! There are people here to help you. Asking for help doesn't show weakness or make you a bother. It shows you want to do well.	IS ORGANISED AND PRIORITISES.  Organising and prioritising can help you feel in control of your learning and ensure that you meet all your deadlines.
IS PATIENT  Learning is not instantaneous. It is a process and one that is life long. You may not get something first time through but that doesn't mean you won't understand it ever. Give yourself time to learn.	IS BRAVE  A fear of failure will stop you from trying new things that can improve your learning. Don't be afraid to ask questions, take risks, and experience new things.	MAKES CONNECTIONS  Look for the connections between your different subjects, to what is happening in the world around you. This will reinforce what you are learning and show its relevance.
LOOKS AFTER THEMSELVES  You will not be able to learn if you are not well. Get a good nights sleep, eat well, exercise and take time to relax. If you are struggling reach out.	IS PROACTIVE  Go beyond the tasks set by your teacher, seek out information to add to what is taught in the lesson. Listen to podcasts, watch documentaries, read around your subject and ask questions.	IS NOT PERFECT  No one is perfect, and trying to be can limit your success and affect your health. Acknowledging your areas of weakness can help you to improve as well as focus your revision on what you need to learn.

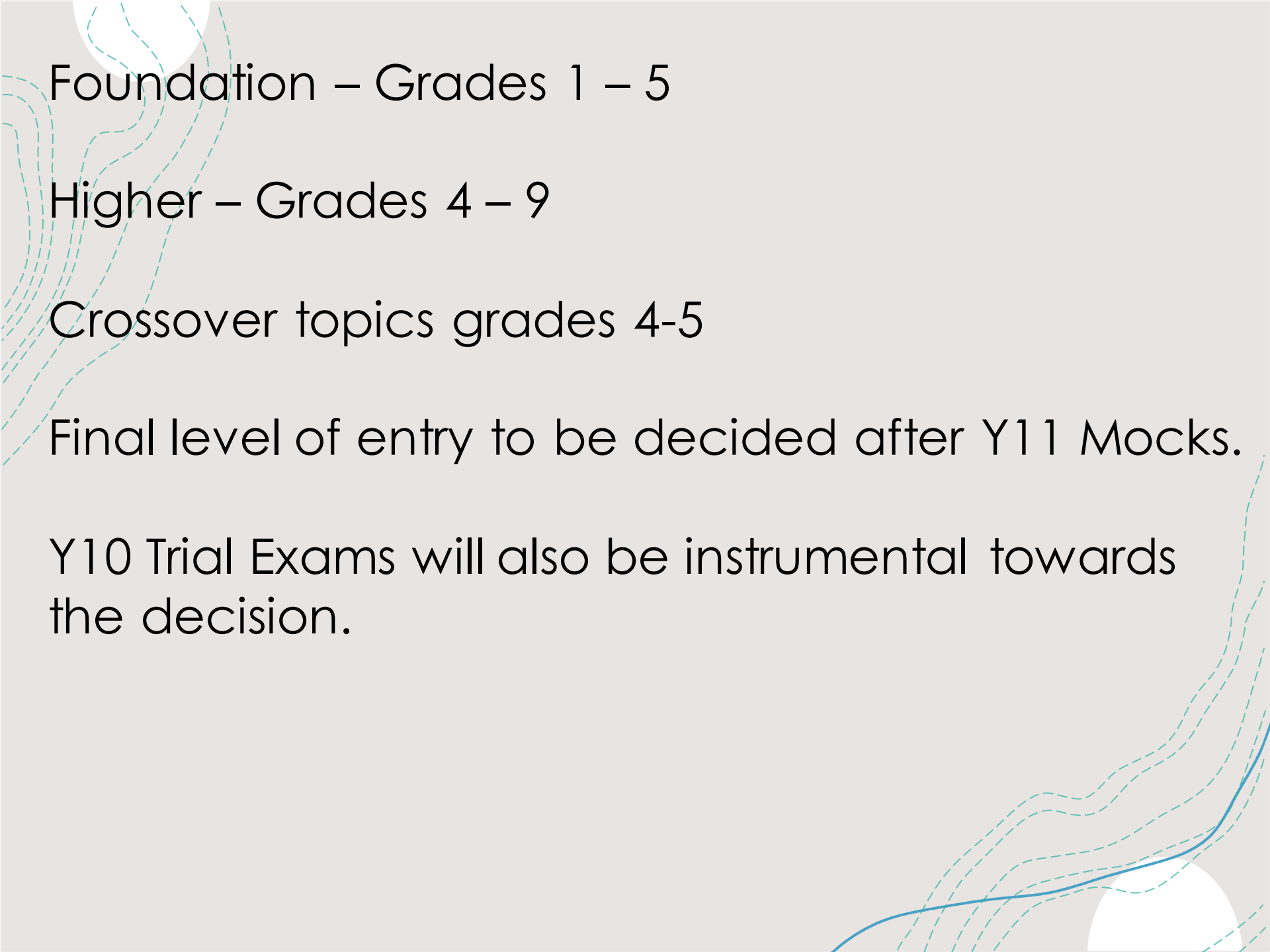
Maths

Mr Cotton



Maths – the Basics:

- Follow AQA linear 8300 specification
- No coursework
- Three exam papers
 - P1 No calculator
 - P2 and P3 calculators allowed.
- All exams 1.5 hours



Foundation – Grades 1 – 5

Higher – Grades 4 – 9

Crossover topics grades 4-5

Final level of entry to be decided after Y11 Mocks.

Y10 Trial Exams will also be instrumental towards the decision.

Essential equipment:

Scientific Calculator

Compass

Protractor

Ruler



Assessment Dates

Year 10

Autumn Term 2- Topic Assessment 1

Spring Term 1 – Topic Assessment 2

Wb 11/03/24 - Trial Exams

2 past papers with topics covered so far (including Year 9)

Summer Term 2 - Topic Assessment 3

Year 11

Autumn Term 1 - Topic Assessment

Mock Exams – 3 full past papers

Spring Term 2 – further opportunity for mock paper

Revision Resources in School

- Past papers are available online via the AQA website and will be used as part of a revision schedule given to students in run up to exams.
- Revision sessions will begin during year 11.
- Small group intervention already happening in some groups.

Please write clearly in block capitals.

Centre number Candidate number

Surname _____

Forename(s) _____

Candidate signature _____

GCSE
MATHEMATICS

H

Higher Tier

Paper 2 Calculator

Paper 2 Preparation

Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:



Disclaimer: This paper has been created to assess topics that did not appear on paper 1

Revision

The best way to revise maths is to **do maths!**

Studies show the more the subjects were tested in the revision period, the better their performance.

Topic practice

- Test yourselves on topic questions
- Use worked answers and revision guide to fill in gaps and review areas you can't do

Exam practice

- Use past exam questions
- Use mark schemes and go back to topic practice for questions you didn't understand

Resources that can be accessed outside of school:

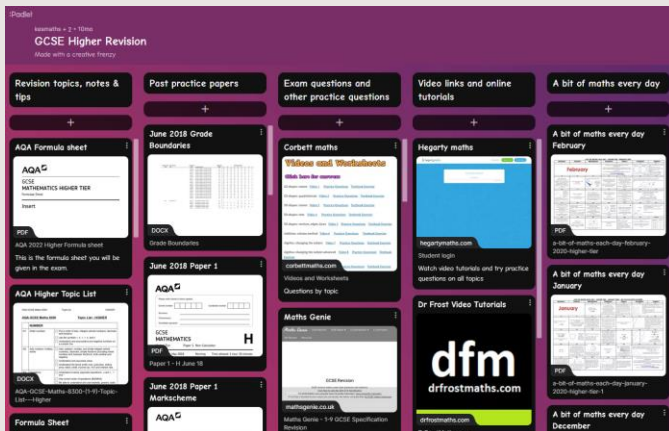
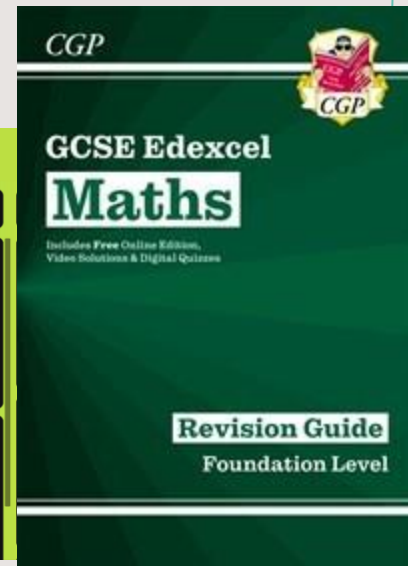
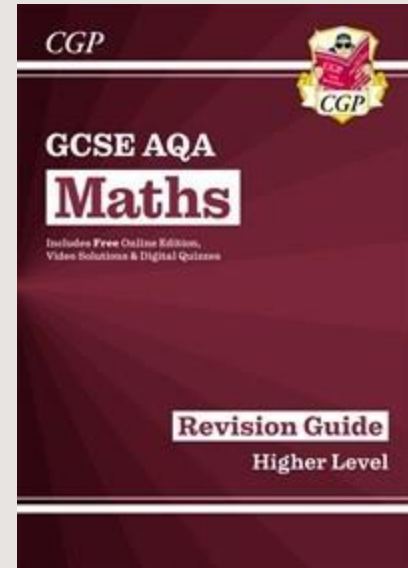
- Revision guides/workbooks: CGP are our preferred revision guide – AQA Linear – another order will be placed from school in Year 11 if students would like to purchase at discounted price.
- Maths padlet – we have created two comprehensive GCSE padlets containing links to all suggested websites, past papers, mark schemes etc. These will be shared with students via Satchel – and linked here:

<https://padlet.com/kesmaths/z1k2whh2e9a7> Higher

<https://padlet.com/kesmaths/53ac3p2zdboo> Foundation

- AQA website – course specifications and past papers.

<https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/assessment-resources>

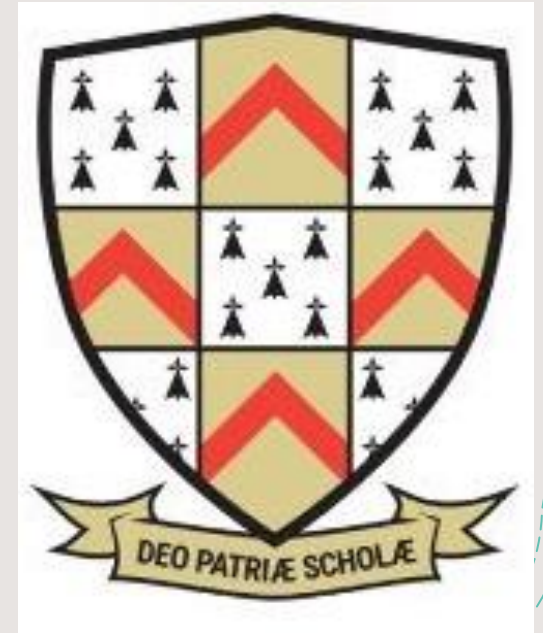


What can you do to help?

- Help prepare a revision schedule with students in preparation for 'mocks' and again next year.
- Discuss the course with students and how they are revising
- Encourage to use the resources we have provided via the padlets
- Revision is best done using past papers and getting support from revision guides as problems arise – is this happening?
- Encourage students to show working out – lots of method marks are available even if answers are incorrect.
- Encourage students to come to us for help – during lessons and outside of lessons – we will all find time to help whenever possible.

Science

Mrs Bryant



Science – An introduction to the courses

All our Science GCSEs are set by AQA. The Combined Science course is called Trilogy Science

All pathways involve taking 2 exams in each of physics, chemistry and biology

For triple science the exams are 1h 45 minutes. For combined science the exams are 1h 15 minutes

There are 2 tiers of entry;

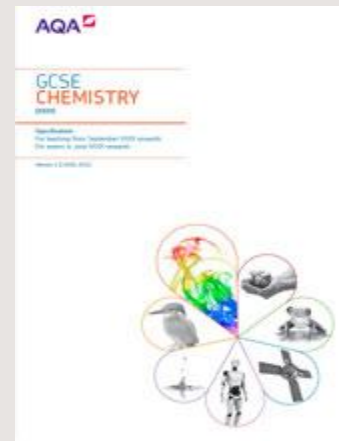
Higher - possible grades 4 – 9

Foundation - possible grades 1 – 5

Combined Science is a double GCSE, so 2 grades are given between 1-1 and 9-9, for example 5-6 is just below 6-6

What topics are on the Year 10 exams?

- + For the trial exams, subject teachers will put lists on show my homework of what content is on their exam paper. It will include topics from year 9 and 10.
- + There is one paper per science.
- + For the final GCSE you can use the summary page of the AQA specification to show which topics are on each paper (links below)



What skills are examined?

+ Demonstrate knowledge and understanding of scientific ideas; scientific techniques and procedures.

+40%

+ Apply knowledge and understanding of scientific ideas; scientific enquiry, techniques and procedures.

+40%

+ Analyse information and ideas to interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.

+20%

How to revise

1. Learn the facts, keywords and diagrams

Research shows that spaced practice of retrieval is the most effective way to build knowledge

Science subjects have provided spreadsheets of retrieval questions which can be used for this.

Little and often is much better than one long session each week.

Other options include;

- + Make your own revision cards, lists or mindmaps
- + Use question cards from CGP or Physics and Maths Tutor website
- + Use the Seneca learning website or Oxford revise section on Kerboodle.

Example of a retrieval roulette spreadsheet

C37 X Jx Lots of aerogels; Long axon

	A	B	C	D
1	Number	Question	Answer	Kerboodle Topic
2	Cell Structure			
3	1	How do we calculate the total magnification of a microscope?	Eyepiece lens x Objective lens magnifying power	B1 Chemistry have been leading the way with this and have taught all y10 to use this tool
4	2	State the equation that links magnification, image size and actual size.	Image Size = Actual Size x Magnification	
5	3	Which type of microscope has higher magnification and resolving power - Light or electron?	Electron microscopes	
6	4	Why does the tissue sample need to be stained before looking at it under the microscope?	To visualise/see structures clearly	
7	5	Which objective lens should we start using?	Low power objective lens	
8	6	Which focus knob should be used during low and medium power magnification?	Coarse focus knob	
9	7	Which focus knob should be used during high power magnification?	Fine focus knob	
			It moves the stage by too	

< > ≡ **Questions** Sheet1 Quiz 10 For board 10 Quiz 8 For board 8 Quiz 6 For board 6 +
 Calculation Mode: Automatic Workbook Statistics Give Feedback

- + Use the Quiz tab to set up which questions to focus on
- + Use the For board tab to see just the questions and write your answers.
Use F9 to get a different set
- + Go back to the Quiz tab to check answers

How to revise

2. Practice questions

- + This will help to develop the skills needed to apply scientific knowledge and analyse information and experiments.
- + Teachers will provide some past exam questions in lessons or as homework booklets.
- + Past papers can be found on the AQA website and physics and maths tutor.
- + Using a mark scheme to check your answers is an important part of the learning process; what did I do right? What do I need to improve?
- + Isaac physics provides great practice of physics calculations.

Practice Questions - Links



PHYSICS & MATHS TUTOR



Physics. You work it out.



Our school code is rhf2

How Parents can Help

- + Quiz your young person using some retrieval questions
- + Support them to set up a schedule to cover all the topics needed for the exams
- + Encourage regular breaks, exercise and a good diet
- + Be the phone park if required
- + Check equipment is ready for the exam day. All science exams require a **calculator, pencil, ruler** and protractor as well as the usual black pens.
- + Print out practice papers (one at a time)
- + Look after **yourself!**



English literature and English language

Miss Phillips



English Language GCSE

Paper 1: Readers' responses

Reading section: Students will answer four questions asking them to analyse an extract taken from a fiction text, usually a short story or a novel.

Writing section: Students will be asked to produce a piece of creative writing.

Paper 2: Writer's viewpoints

Reading section: Students will answer four questions asking students to analyse and make links between two non-fiction texts. The texts will cover the same topic but will have been written during two different periods of time.

Writing Section: Students will be asked to produce a piece of formal, non-fiction writing.

The Year 10 English Language exam – what they will need to revise

Students will complete the entire GCSE English Language Paper 1 in their Year 10 examinations.

Reading section:

- + This section is worth 40 marks – each question requires students to respond to the text very differently. It is important that they revise their class notes on how to answer each question as it is very easy to confuse the questions in the exam which can result in students losing a significant amount of those 40 marks.

Writing section:

- + This section is also worth 40 marks. Students will be expected to use and therefore revise a range of writing techniques that will enable them to engage their readers. Again, they should revise all the work done in lessons, their class notes and the targets that they have been set. They will also need to be careful of their technical accuracy as this makes up 40% of the marks they can be awarded for this section.

It's easy for students to feel as if they don't need to revise English Language as it is a far more skills-based exam than others which means that there is less content to revise for this exam. Students should not be fooled by this – the exam is so very skills based that these skills need to be revised thoroughly. We regularly find that without sufficient revision students forget how to approach each of the different reading questions. They also forget how to write in the controlled and conscious way that they need to write in order to achieve the maximum marks that they can when completing the writing section.

English Literature GCSE

Paper 1: Shakespearean and Victorian texts

Section A: Students will answer a question on the play 'Romeo and Juliet'. The question will focus on a theme or a character in the play and will require students to focus on an extract from the text and also draw on their knowledge of the whole play.

Section B: Students will answer a question on a Victorian novel (this will either be A Christmas Carol or Jekyll and Hyde depending on the teaching group your child is in). The question will focus on a theme or a character from the novel and will require students to focus on an extract from the text and also draw on their knowledge of the whole novel.

Paper 2: Modern texts and poetry

Section A: Students will answer a discursive essay question on 'An Inspector Calls'. They will have a choice of two questions which will focus on either a character or theme from the play. They must only answer one of these questions.

Section B: Students will be asked to compare two poems from the Power and Conflict cluster of the AQA GCSE English Literature Poetry Anthology. One of these poems will be printed for students to refer to. Students will have to select one of the other 14 poems to compare it with from their memory.

Section C: Students will answer one question on a poem they haven't seen before. They will then have to answer a shorter question that compares this poem with another poem they not have seen before.

The Year 10 English Literature exam – what they will need to revise

Students will answer a hybrid paper that contains questions from both English Literature exams during their Year 10 examinations.

Section A: Students will answer the Paper 1 Romeo and Juliet question.

Section B: Students will answer the Paper 2 An Inspector Calls question.

- + For each question students will need to revise all the work they have done in lessons. They should revise: the plot, themes, characters, context and key quotations from each text.
- + They will also need to revise how to answer both types of question as, like in the Language exam, each question requires a different approach from students.
- + It is important that students also revise the targets that they have been set by their class teachers as this will enable them to ensure that they will gain the most benefits from the exam practice and make the maximum amount of progress possible.

Revision resources

The most important thing for students to revise is the work they have done in lessons:

- + the exemplar responses they have examined.
- + their class notes.
- + All question formulas and the advice they have been given on how to answer the different exam questions they'll be focusing on.
- + any annotations they have written in their texts .
- + the targets that their class teachers have set them to advise them on how to make further progress.
- + Even re-reading the Literature texts (which are relatively short) can be very useful.

There are also several revision guides available online, we recommend the **GCP** GCSE 9 – 1 revision guides for both English Literature and English Language.

There are several online resources available as well, we would recommend **BBC Bitesize** and **Mr Bruff** on YouTube, as well as a range of other online resources that students' class teachers will inform students about.

It is important to note that any revision guides or online should be used alongside rather than instead of students' class work, which is bespoke and has been tailored to meet the needs of each individual class.

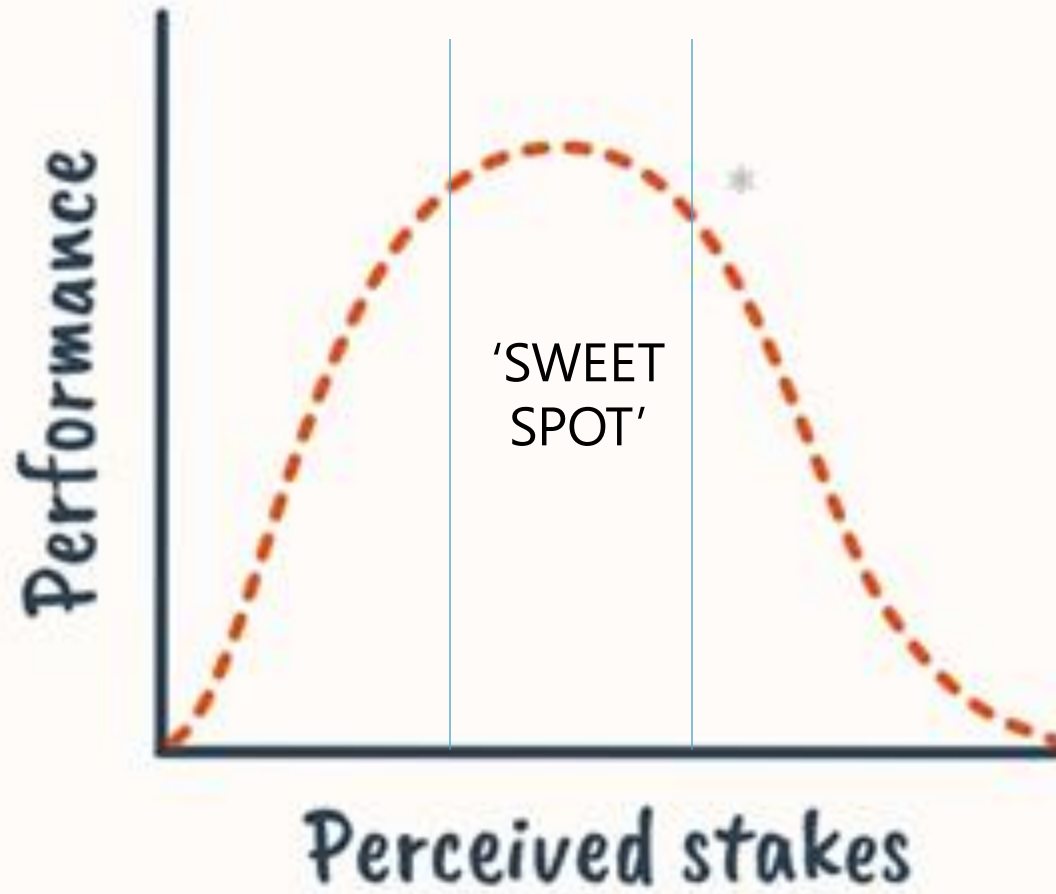


Reducing Exam Stress

Mr Tizard

Top tips:

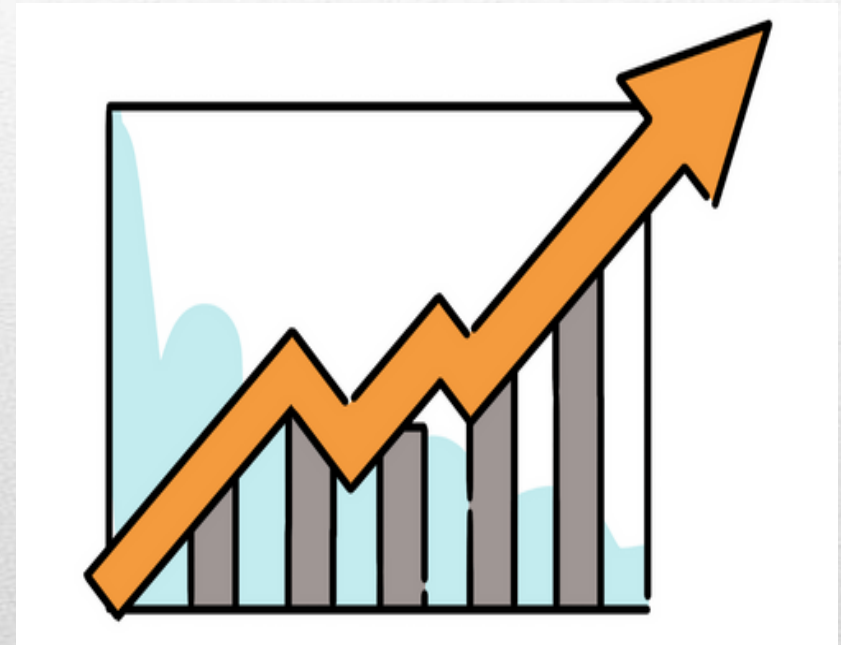
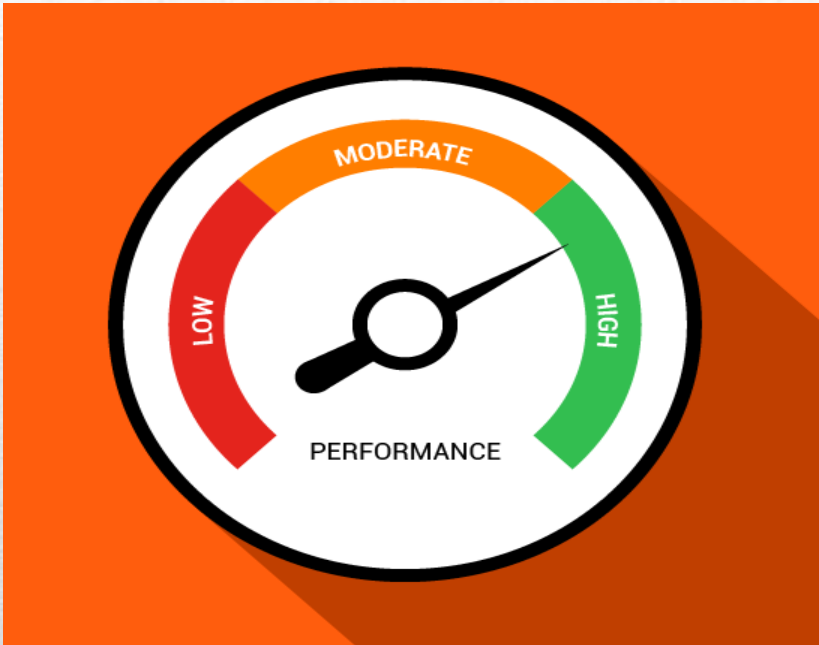
1. Create a realistic revision timetable and stick to it.
2. Continue to do the things you enjoy in life.
3. Get enough sleep and build a night time routine.
4. Do not feel you are alone. If you are struggling, speak to a parent, teacher or friend.
5. THINK POSITIVELY.



Reporting on Progress

Mr Martin Shaw (Assistant Headteacher)





TRACKING PROGRESS

switch
LEARNING PLATFORM



4 SCHOOLS



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GO 4 Schools

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KING EDWARD VI
SCHOOL LICHFIELD

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Headteacher's Welcome
KES Lichfield

JANE RUTHERFORD
HEADTEACHER
KING EDWARD VI SCHOOL LICHFIELD

Visit our [Vimeo page](#) | [View the PowerPoint](#)
Key dates for the coming year are available via our [calendar extract](#).

Recent Posts

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Useful links

-
-
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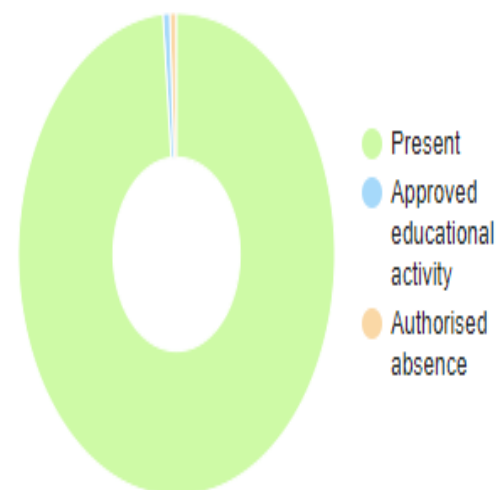
Overview

Timetable

08:50	09:10	Registration Period, 10C3/Rp	Miss A Shaw
09:10	10:10	Triple Science Biology, 10T3/Tb	Mrs R Hardy
10:10	11:10	PE, 10TD/Pe	Mrs H Raines
11:30	12:30	Triple Science Physics, 10T3/Tp	Mr J Mayland
13:15	14:15	Mathematics, 10T2A/Ma	Mrs L Taylor
14:15	15:15	Religious Studies, 102T/Rs	Miss M Danks

Attendance

99%



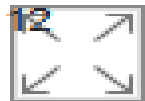
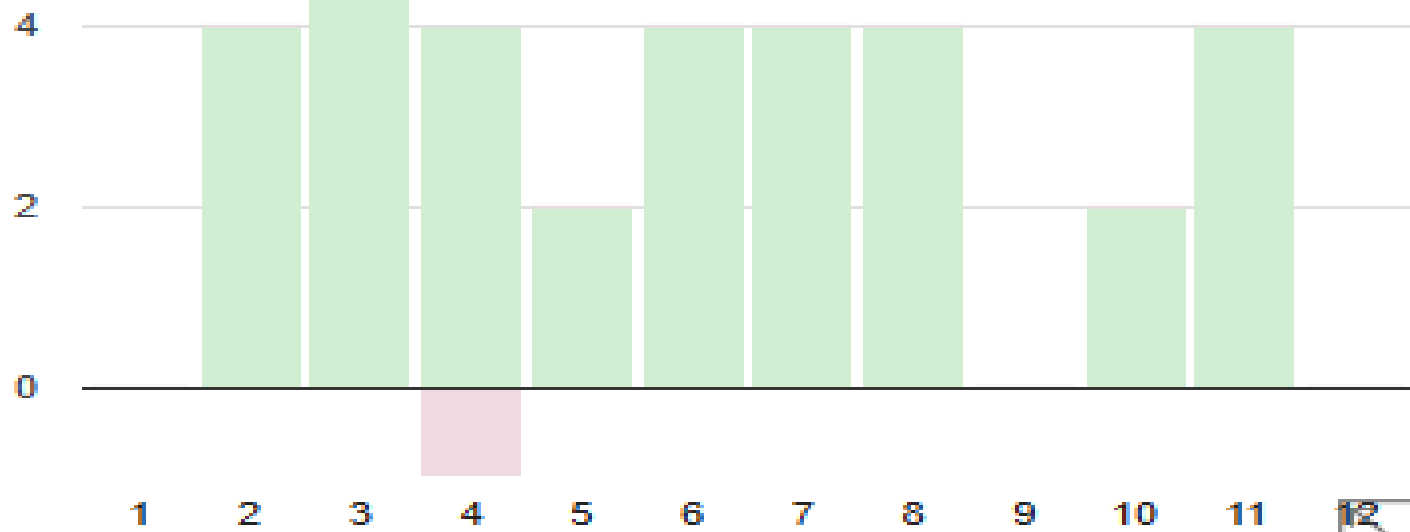


Behaviour

+33 | -1



Points Count















Grades

Compact view (main grades only) Broad view (all grades) Detailed (all grades plus marksheet grades)

Subject	Target Grade	FFT 50%	FFT 5%
English, Mr R Bailey	6	6	6
English Literature, Mr R Bailey	6	6	7
German, Ms S Page	6	5	7
Mathematics, Mrs J Cheatham, Mrs L Taylor	7	6	8
Media Studies, Mr J Vyse, Miss S Burton	7	6	7
Music, Miss S Winch, Mr S Willey	6	5	7
Religious Studies, Miss M Danks	7	6	8
Triple Science Biology, Mrs R Hardy	7	6	7
Triple Science Chemistry, Mr K Chohan	7	6	8
Triple Science Physics, Mr J Mayland	7	6	7

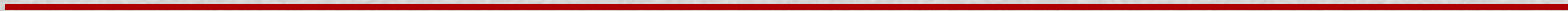
Attainment

Subject		5 Dec 2023	
		Grade	Progress indicator
English		6	Achieving Target
English Literature		5	Working Towards Target
German		6	Achieving Target
Mathematics		6	Working Towards Target
Media Studies		7	Achieving Target
Music		6	Achieving Target
Religious Studies		7	Achieving Target
Triple Science Biology		6	Working Towards Target
Triple Science Chemistry		6	Working Towards Target
Triple Science Physics		7	Achieving Target

	Below Target		Working Towards Target		Achieving Target		Above
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Target

Excellent “goes above and beyond”	Good “meets expectations”	Inconsistent “variable effort”	Poor “makes little, if any effort”
<p>Exemplary approach to work, is highly self-motivated. Goes above and beyond in lessons and completes home learning to a high standard, embraces challenging tasks. Encourages the views and opinions of others and supports peers with their learning.</p>	<p>Good approach to work, is self-motivated. Works well in lessons and completes home learning to the required standard, is willing to attempt challenging tasks. Open to the views and opinions of others and works well with their peers.</p>	<p>Sometimes lacks self-motivation and has an inconsistent approach to lessons and home learning. Doesn't always engage effectively with the views and opinions of others.</p>	<p>Lacks self-motivation, doesn't engage well in lessons and rarely if ever completes home learning. Can be inconsiderate of the views and opinions of others.</p>



'TARGET GRADES'

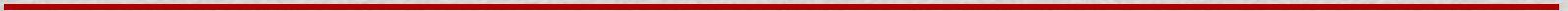
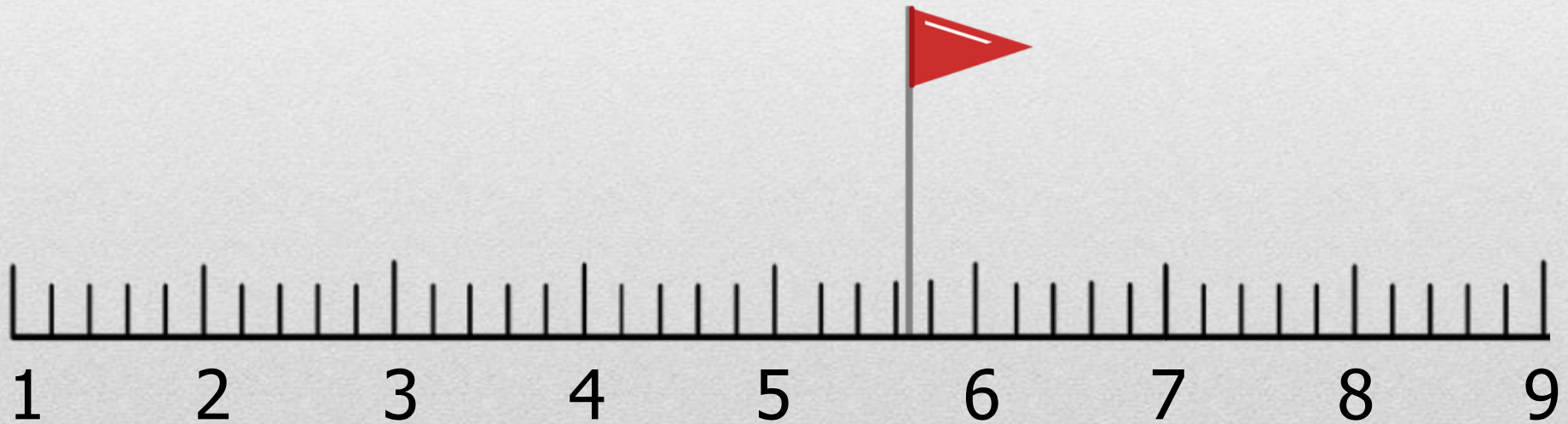




A target grade can:

- **help to motivate**
 - **encourage high expectations**
-

point of reference



HOW ARE 'TARGET GRADES' DETERMINED?



CALCULATING 'POTENTIAL'



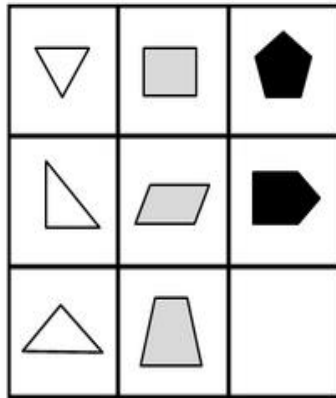
**Y6 Teacher
Assessments**

~~**KS2 Test Results**~~

CAT 4 Tests

CCAT Test Question

The pictures in the box go together in a certain way. Something belongs in the empty space.
Choose the picture that should go in the empty space.



 Next

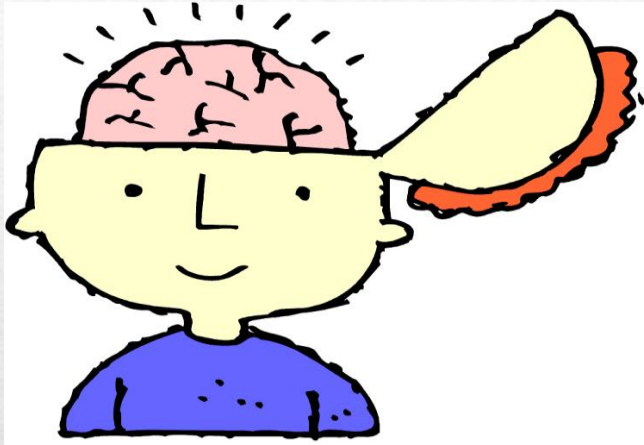
- **Verbal**
- **Non-verbal**
- **Quantitative**
- **Spatial**

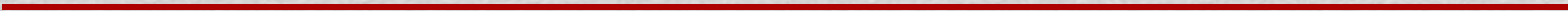
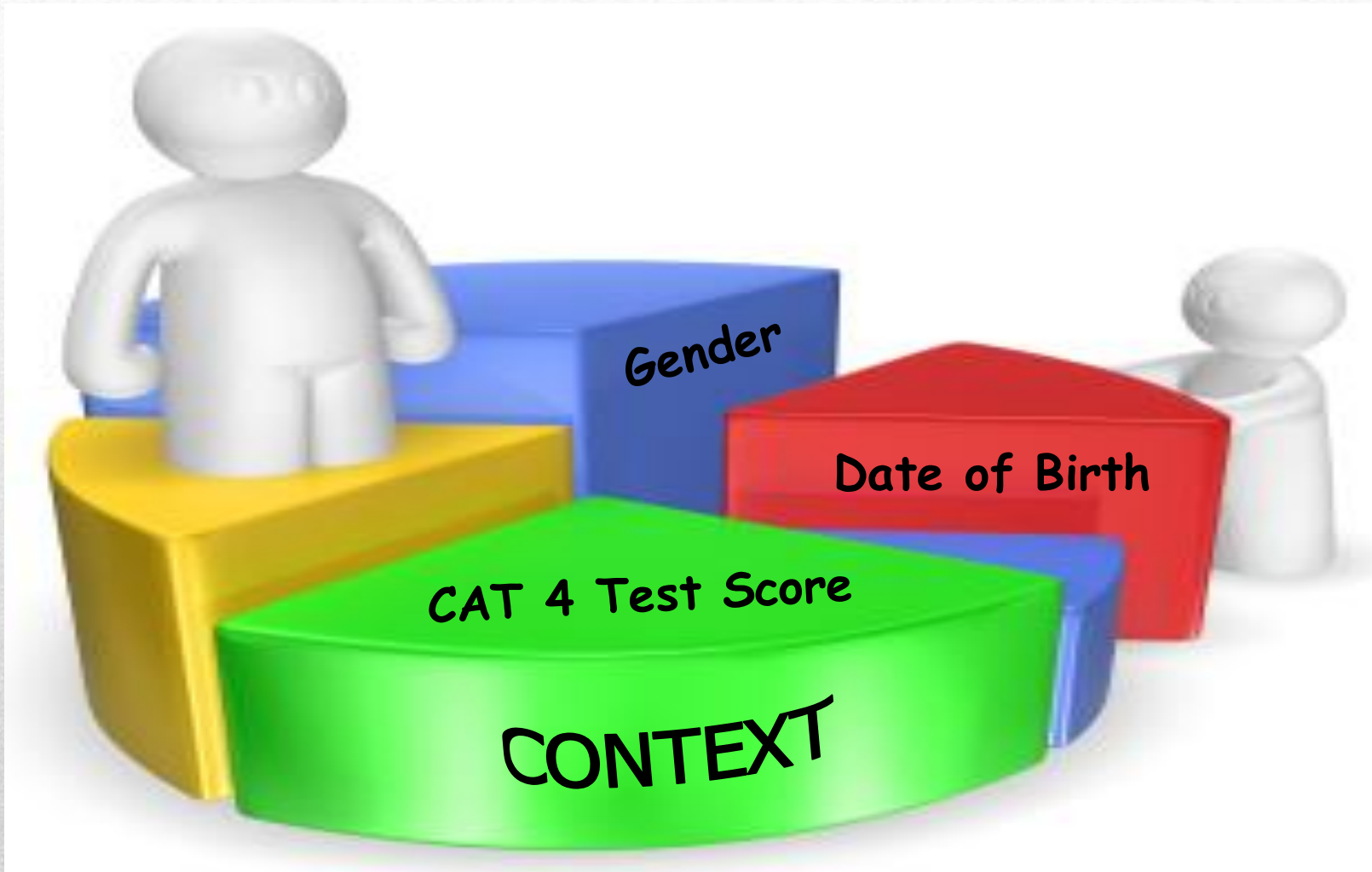


**CAT 4
Test Score**

120	9	9	9
115	8	8	8
110	7	7	7
105	6	6	6
100	5	5	5
95	4	4	4
90	3	3	3
85	2	2	2
80	1	1	1
Y7	Y9	Y10	Y11

ESTIMATION SYSTEMS

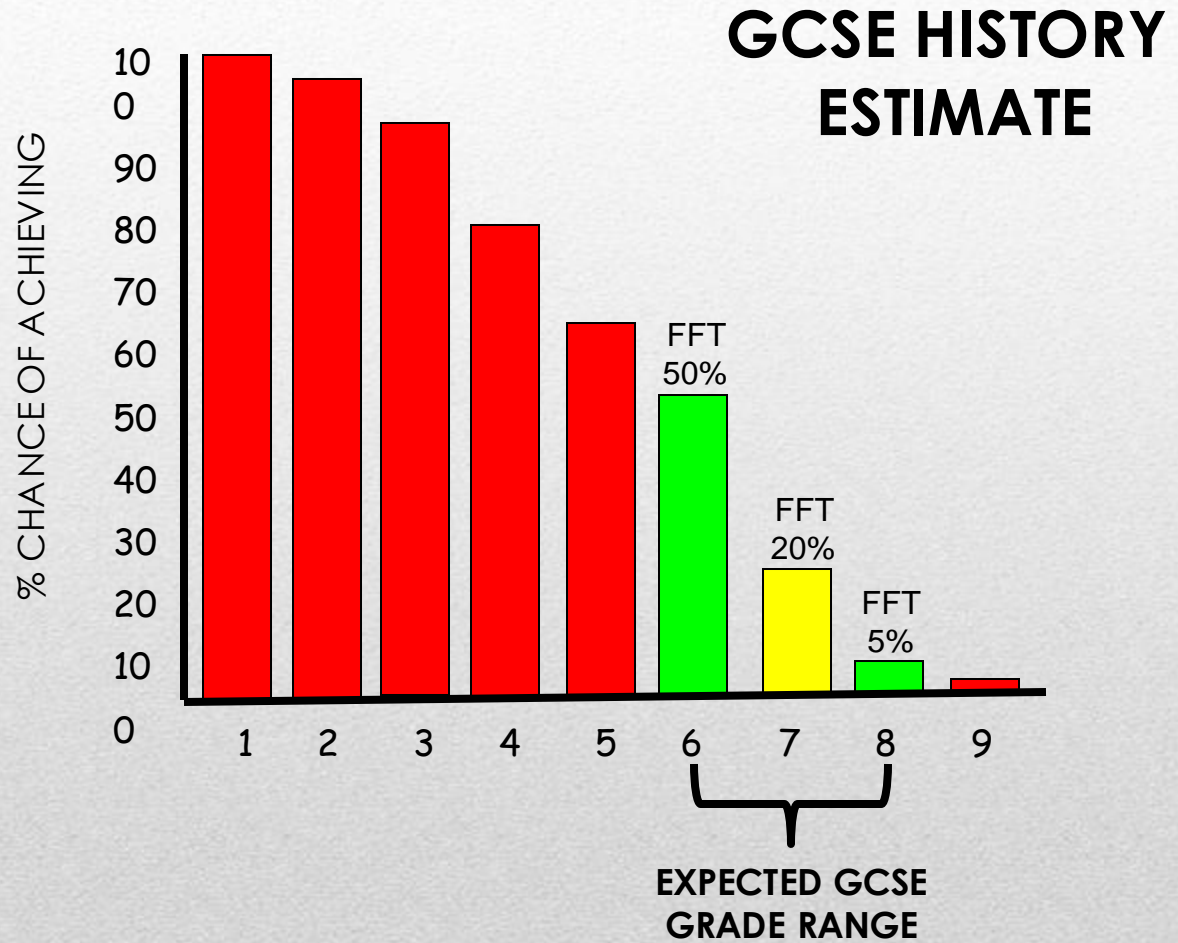






11/1/2008

**CAT 4 Test:
English &
Maths
average
point score:
110**



**I'M NOT A
NUMBER!**



**CAT 4
Test Score**



120

9

9

9

115

8

8

8

110

7

7

7

105

6

6

6

100

5

5

5

95

4

4

4

90

3

3

3

85

2

2

2

80

1

1

1

Y7

Y9

Y10

Y11



FEEDBACK ON PROGRESS

Report: week beginning 4th December

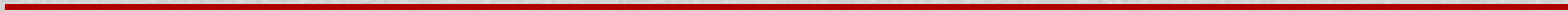
Assessment grades on GO: January

Trial Exam Results: week beginning 6th May

Parents' Evening (on-line): 5th & 6th June



4 SCHOOLS



Careers & Work Experience

Mrs Baker



Careers at King Edwards VI School Lichfield



Mrs Baker
Careers & Work Experience Co-ordinator

1:1 Careers advice and guidance.

Careers events and activities.

Information about colleges, sixth forms, apprenticeships and careers in general.

Unifrog

The Unifrog logo, consisting of the word 'unifrog' in a lowercase, green, sans-serif font.



Careers at King Edwards VI School Lichfield



Year 10 Work Experience Week
1st - 5th July 2024

Deadline for agreeing placements and uploading to Unifrog:
Friday 23rd February 2024

Support Available

Daily break and lunchtime student drop-in sessions in the Careers Office (above the LRC)

careers@keslichfield.org.uk





And finally...

Monday 11th March – Friday 22nd March – **Year 10
Trial Exams**

Wednesday 5th June and Thursday 6th June – **Year
10 Subject Parent's Evening (online
appointments)**

Year 10 Information Evening - Feedback Form

