



# KS4 2022- 2024

Supporting Your Child



# **Y10 Key Staff linked to Year 10**

## **Mrs V Latimer-Mills (Key Stage 4 Progress Lead)**

Responsible for student progress, intervention and attainment. Also responsible for supporting student transition to post-16 provision eg A levels, apprenticeships

## **Miss J O'Neill (Y10 Pastoral Year Lead)**

Responsible for student pastoral care including attendance, punctuality and safeguarding

## **Mr Ahmed (Y10 & 11 Inclusion Support Assistant)**

Responsible for student pastoral support as well as support with learning and progress, within and outside of the classroom.

## **Mr Clougher – Assistant Head linked to year 10**

# **Additional Support for Year 10**

- **Mr Moore – Careers Guidance**
- **Learning Support Department**
- **Pupil Premium and Free School meals**

# Y10 Key Dates



Tuesday 14<sup>th</sup> March

**Y10 Parent/Carer Evening**

W/c 24<sup>th</sup> April & w/c 1<sup>st</sup> May

**Y10 Mock Exams**

Friday 24<sup>th</sup> March

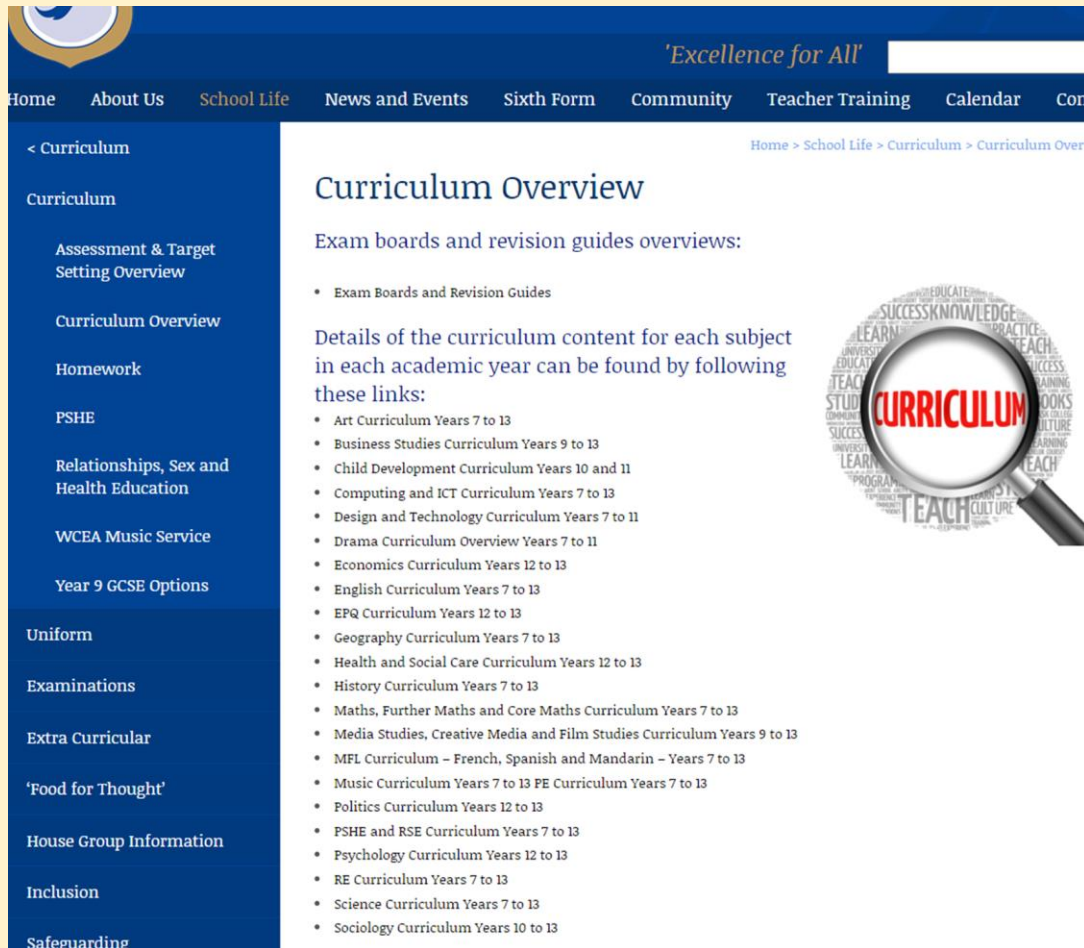
**Humanutopia**

W/c 26<sup>th</sup> June

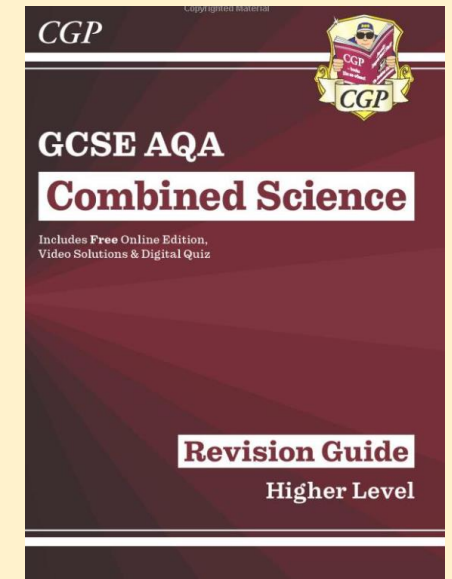
**Y10 reports issued**

# The Curriculum

- Curriculum Overviews for each subject can be found here:



<https://www.whitburncofeacademy.org/wp-content/uploads/2020/11/Exam-Boards-and-Revision-Guides.pdf>



## Core plus 3 options

# The Curriculum – Subject Overviews

<b>Year 10</b>	<p><b>GCSE English Language Paper 1: Reading Literary Fiction</b> Reading literary fiction to identify facts and key information, to explore language and its effects, to explore structural features and the effects of these, and to evaluate how writers' present their ideas.</p>	<p><b>GCSE English Literature: 'A Christmas Carol'</b> Reading a 19<sup>th</sup> Century novel to explore context, settings, characters, plot and themes. Identifying writer's methods and analysing the presentation of characters and themes.</p>	<p><b>GCSE English Language Paper 1: Creative Writing</b> Creating ideas for stories and descriptions based on a picture stimulus. Developing writing skills to include accurate spelling, punctuation and grammar, as well as using a range of language devices.</p>	<p><b>GCSE English Literature: 'Macbeth'</b> Reading the play to explore its context, setting, plot, characters and events. Analysing how Shakespeare presents key themes and characters, including selecting key quotations, and writing about the effects of these.</p>	<p><b>GCSE English Language Paper 2: Viewpoint Writing</b> Creating ideas and viewpoints about specific themes and topics and using writing skills to present these to a specific audience. Developing writing skills to include accurate spelling, punctuation and grammar, as well as using a range of language devices.</p>	<p><b>GCSE English Literature: 'AQA Power and Conflict Poetry'</b> Reading a range of poems linked to the themes of power and conflict to develop understanding of key themes and ideas across poems. Analysing poets' methods, including poetic devices, and writing about these.</p>
<b>Year 11</b>	<p><b>GCSE English Language: Spoken Language Study</b> Using speaking and listening skills to produce a formal presentation on a specific topic.</p> <p><b>GCSE English Language Paper 2: Reading Literary Non-Fiction</b> Reading literary non-fiction to identify facts and key information, to summarise differences across two texts, to analyse language and its effects and to compare how different writers present their viewpoints. Producing own viewpoint writing pieces using appropriate writing skills and methods.</p>	<p><b>GCSE English Literature: 'An Inspector Calls'</b> Reading a modern play to explore context, settings, characters, plot and themes. Identifying writer's methods and analysing the presentation of characters and themes, and writing about these.</p>	<p><b>GCSE English Literature: Unseen Poetry</b> Reading and analysing a range of unseen poetry from different genres, and writing about methods used by poets to present key ideas and themes.</p> <p>GCSE English Language Paper 1 Revision</p>	<p><b>GCSE English Language Paper 2 Revision</b> Practising all skills needed to answer exam questions in timed conditions.</p> <p><b>GCSE English Literature Paper 1 Revision</b> Consolidating knowledge and understanding of 'A Christmas Carol' and 'Macbeth', and preparing to answer exam questions in timed conditions.</p>	<p><b>GCSE English Literature Paper 2 Revision</b> Consolidating knowledge and understanding of 'An Inspector Calls' and 'Power and Conflict Poetry', and reading unseen poetry. Preparing to answer exam questions in timed conditions.</p> <p><b>Final Revision – GCSE English Language and GCSE English Literature</b></p>	<p><b>GCSE English Literature Exams</b></p> <p><b>GCSE English Language Exams</b></p>

# The Curriculum – Y10 Termly Summaries

Topic:	Yr 10 Relationships and families.
Knowledge and skills	Students will consider a range of religious and non-religious attitudes towards issues such as the nature and purpose of family, marriage and divorce.
Assessment	Relationships and Families GCSE Key Assessment.
Stretch and challenge	<p><a href="#">What types of family are there in the UK? - Family life - GCSE Religious Studies Revision - BBC Bitesize</a></p> <p><a href="#">What it means to be human - Human sexuality and relationships - GCSE Religious Studies Revision - BBC Bitesize</a></p> <p><a href="#">Marriage - Marriage and divorce - GCSE Religious Studies Revision - BBC Bitesize</a></p> <p>Reading knowledge organiser, making a mind map, then being tested on knowledge gained with a friend/family member.</p>



New grading structure	Current grading structure
9	A*
8	A*
7	A
6	B
5	B
4	C
3	D
2	E
1	F
U	G
U	U

**GOOD PASS (DfE)**  
5 and above = top of C and above

**AWARDING**  
4 and above = bottom of C and above

# The Grading System

Child Development, Sports Studies and Creative Media vocational courses are assessed as

Technical Award	GCSE Grades
L2 Distinction*	8-9 (A*)
L2 Distinction	7 (A)
L2 Merit	5-6 (B / C)
L2 Pass	4 (C )
L1 Distinction	3 (D / E)
L1 Merit	2-3 (E / F)
L1 Pass	1-2 (F / G)



# KS4- how is it assessed?



Subject	Assessment through Examination (%)	Assessment through Non –examined work (%)
Art	0	100 (40% externally set)
Business Studies	100	0
Child Development	40	60
Computer Science	100	0
Creative Media	40	60
English Language	100	0
English Literature	100	0
Food Preparation and Nutrition	50	50
French	100	0
Geography	100	0
Graphic Design	0	100
History	100	0
ICT	40	60
Mandarin Chinese	100	0
Mathematics	100	0
Media Studies	70	30
PE	60	40
RE	100	0
Science – Combined or Separate	100	0
Sport Studies	40	60
Sociology	100	0



# Final grades depend upon your child's ranking

This mock paper scored 48 out of 100.

If all other students in the country get 47 or less this is a level 9.

Pearson Edexcel  
Level 1/Level 2 GCSE (9-1)

**Business**  
Paper 2: Building a business

Extra Assessment Material Set 1 for first teaching  
September 2017  
Time: 1 hour 30 minutes

Paper Reference  
**1BS0/02**

You do not need any other materials.

Total Marks  
**48**

**Instructions**

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- Calculators may be used.
- You are advised to **show all your working out** with your answer clearly identified at the end of your solution.

**Information**

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*

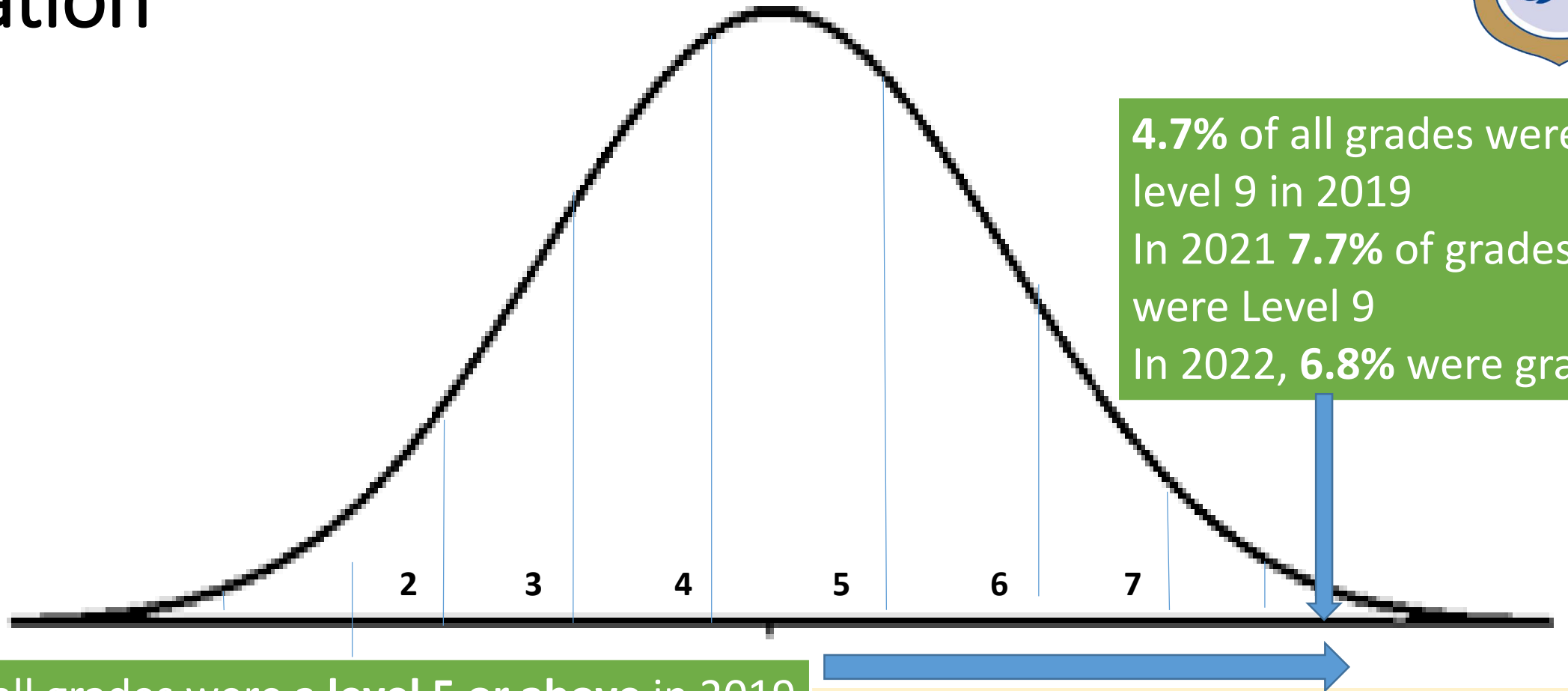
**Advice**

Read each question carefully before you start to answer it.

If all other students in the country get 49 or above this is a U grade

Treat target / current grades with caution

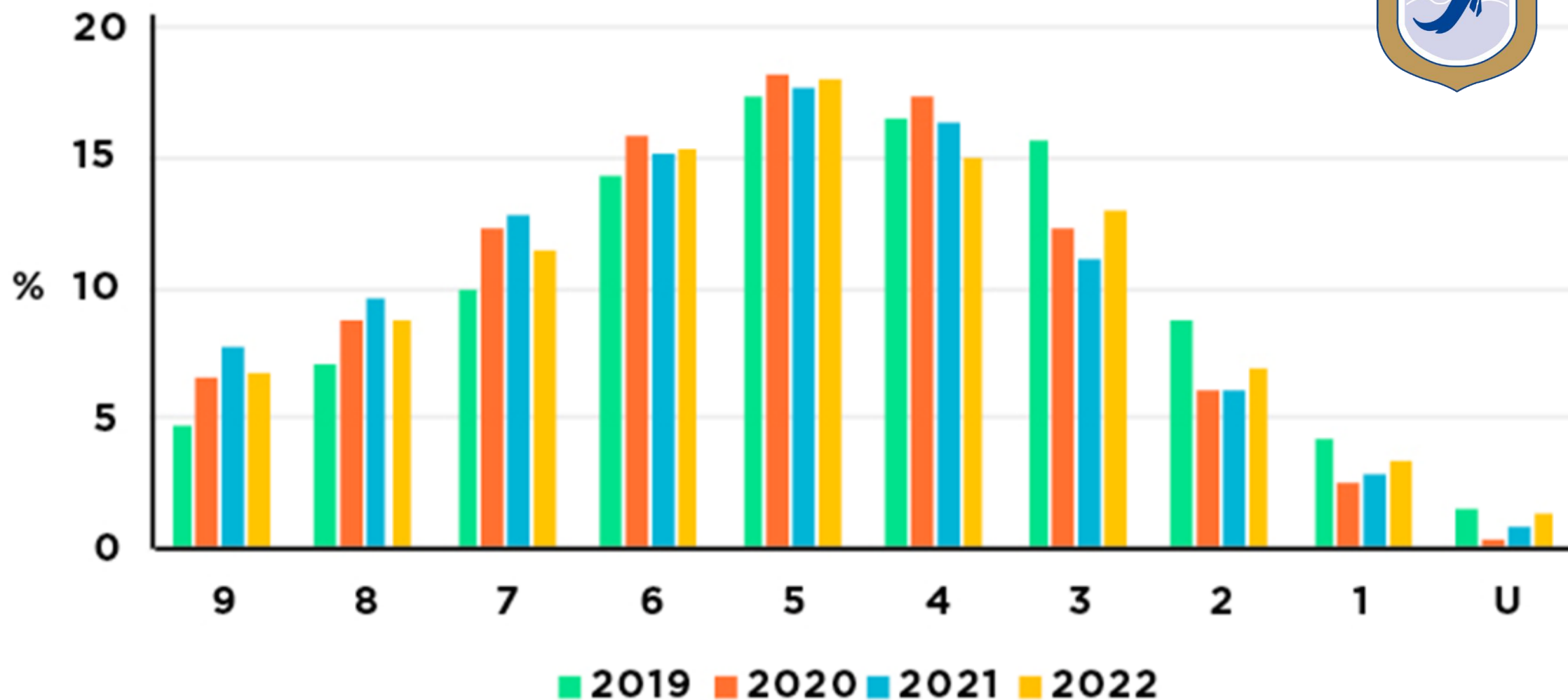
# Exam Boards talking steps to reduce grade 'inflation'



52% of all grades were a **level 5 or above** in 2019  
In 2021 **62.8%** of grades were Level 5 or above  
and it was **60.3% in 2022**

4.7% of all grades were a level 9 in 2019  
In 2021 **7.7%** of grades were Level 9  
In 2022, **6.8%** were grade 9

# GCSE grades: 2019 to 2022



# GCSE English and Maths

- 1.** The importance of achieving a level 4 or above in order to progress to many future pathways.
- 2.** Students will be required to resit English and maths in their subsequent place of study or employment, if level 4 is not achieved.

# Student targets – external estimates

- Created by Fisher Family Trust, a national benchmark software, which creates ‘chances’ estimates based on ‘chances table’ using the students prior attainment at KS2
- It is the ‘most likely’ attainment of similar students nationally
- These grades are fixed for the 2-year period of study

# GCSE courses

## More exams

**What does this mean ?**

- **More reliance on memory**
- **Greater knowledge recall required**
- **More exam papers to be sat and prepared for**



# Time scales – May 2024

14%



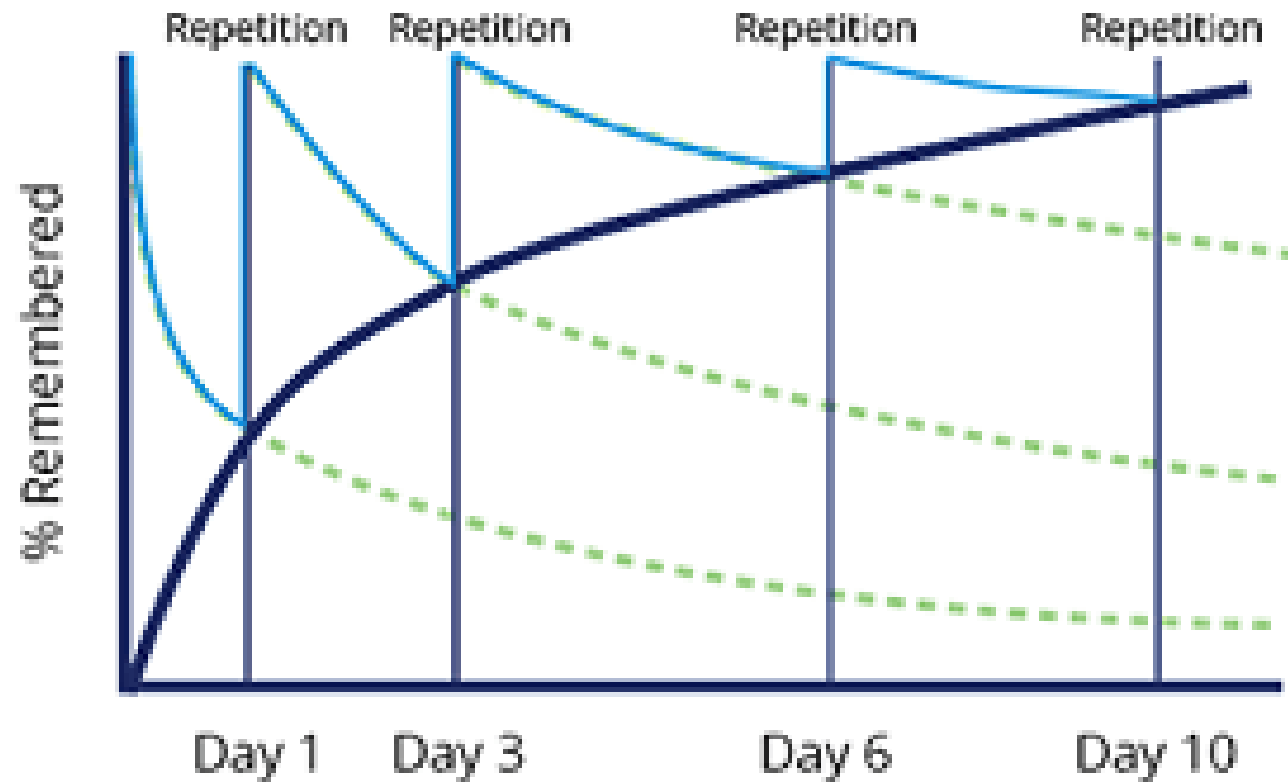
# Study!



# Most effective study – Overcome forgetting with spaced repetition



## Spaced Repetition





Get them  
started!



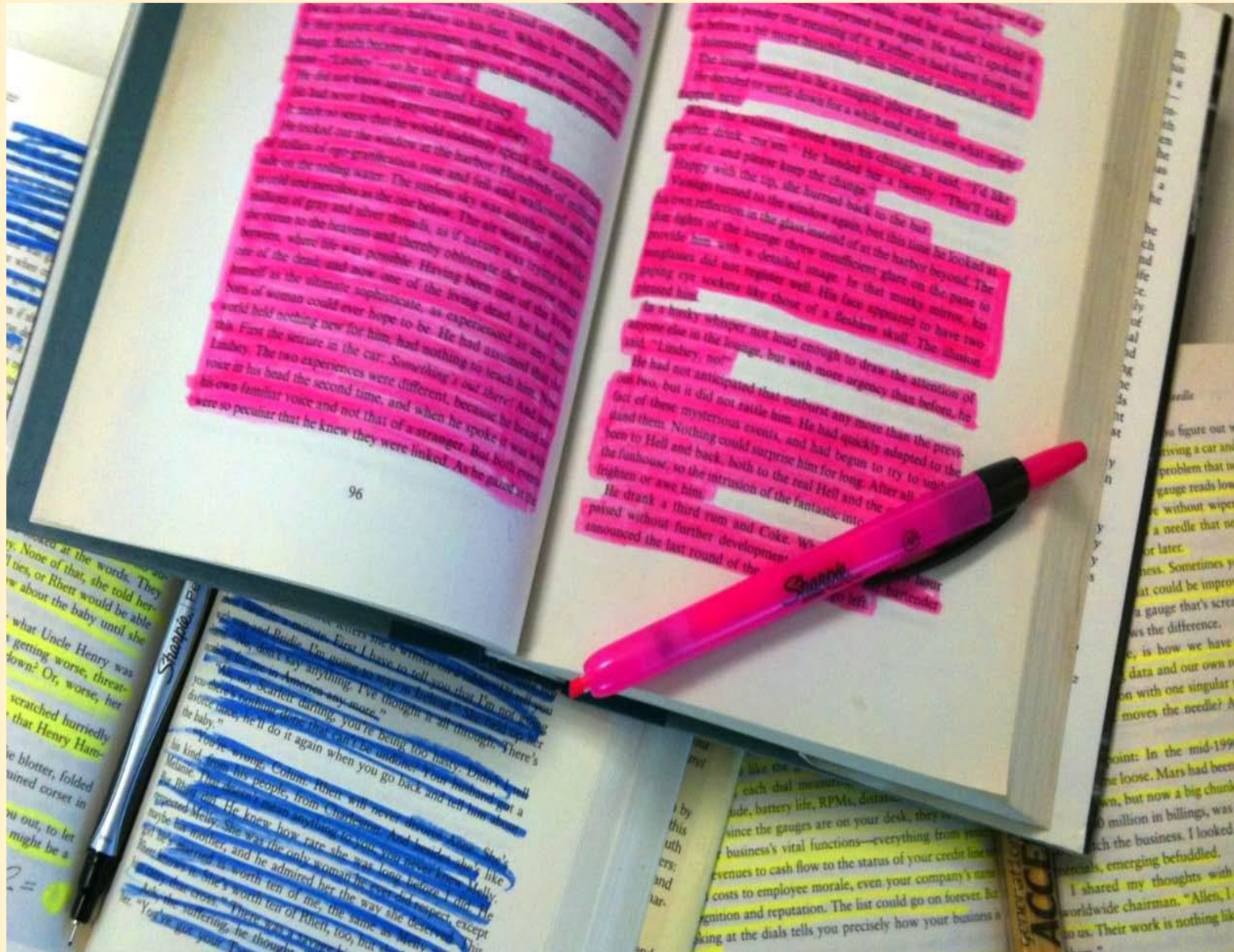
Procrastination is the  
enemy of progress

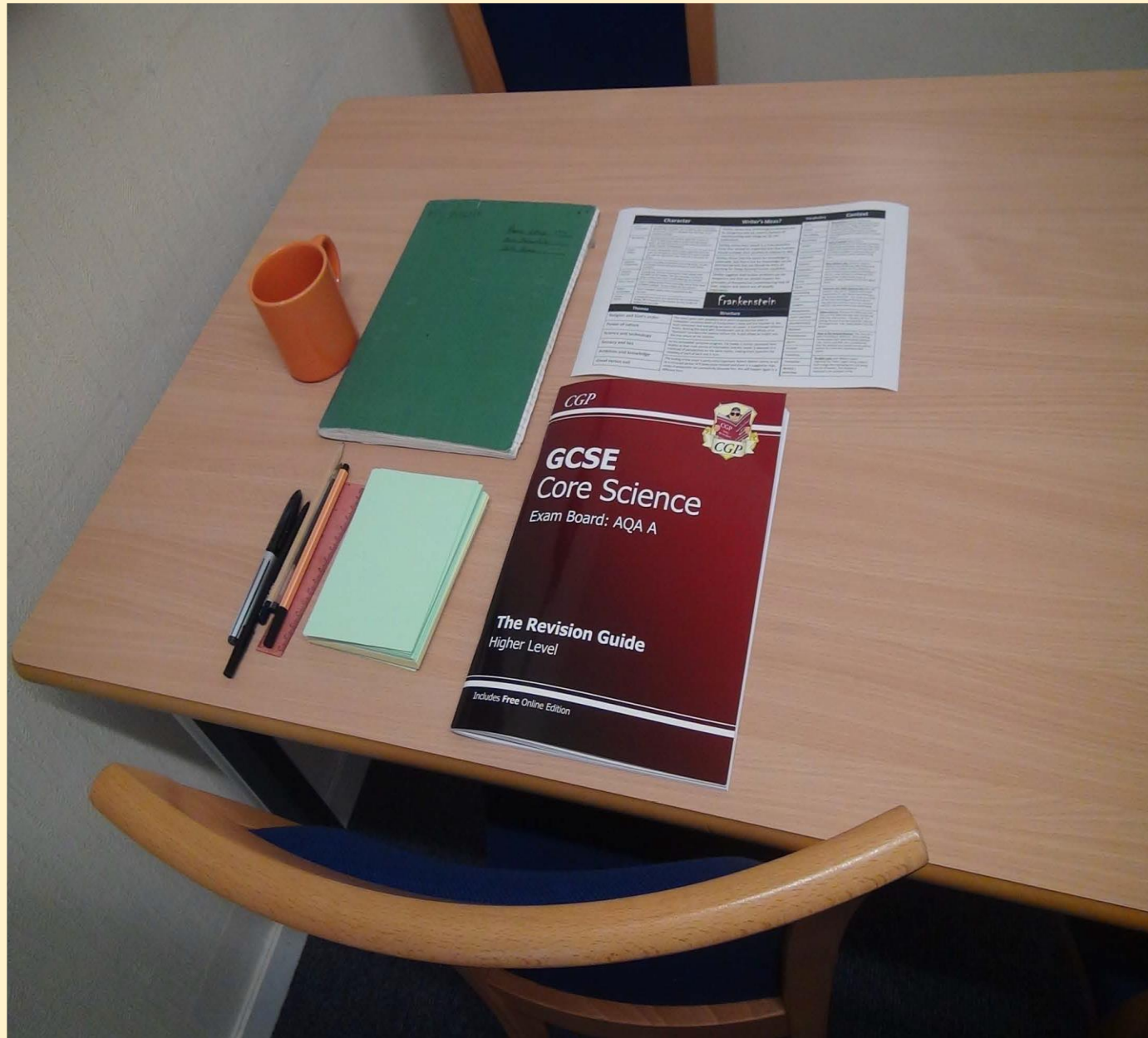






# Ineffective Study





# Effective Study



## Just having your cell phone in your possession can impair your learning, study suggests

By ERIC W. DOLAN — May 14, 2018

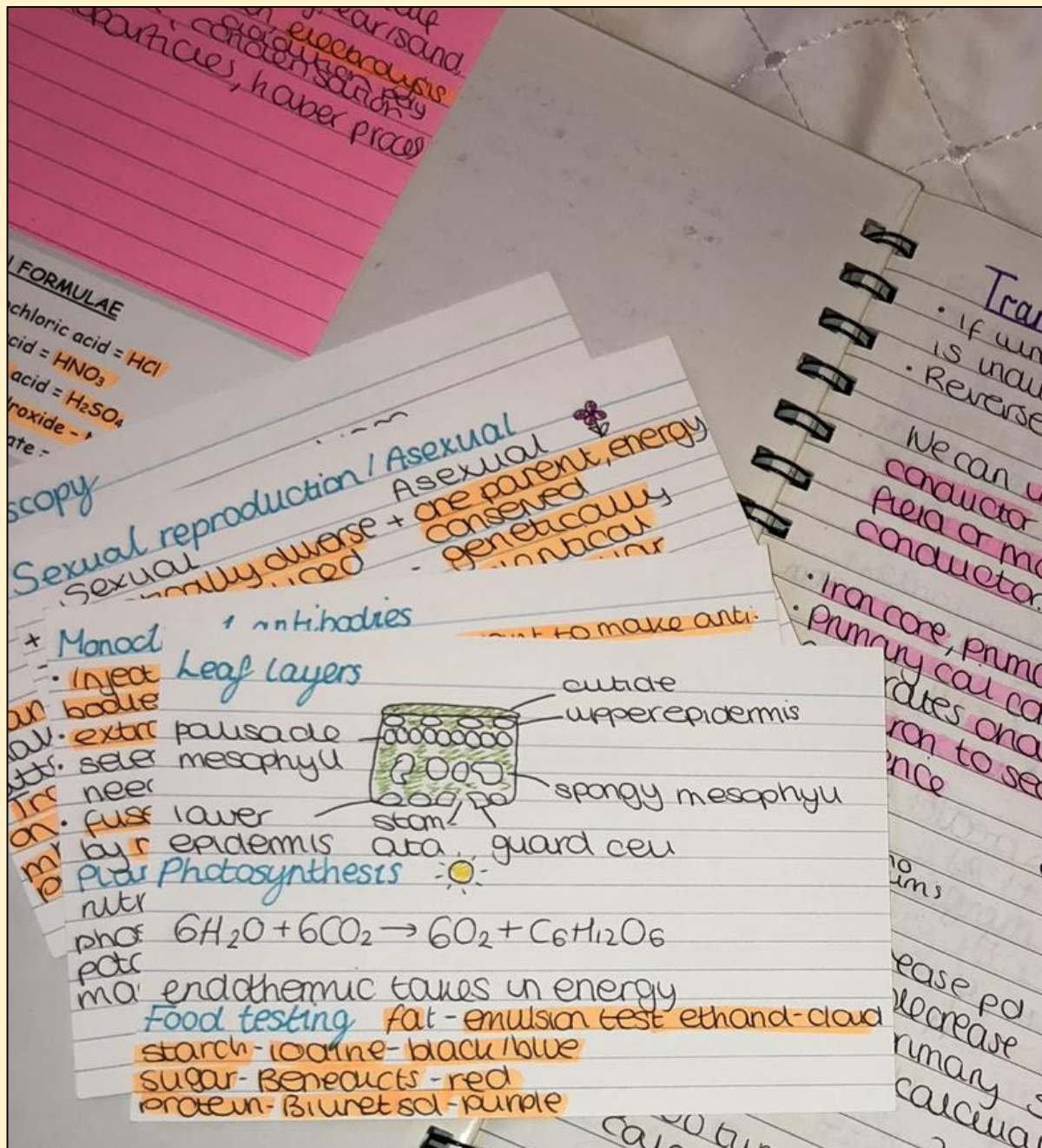


## Split Attention Effect

The working memory can hold around 4 – 7 pieces of information at a time. Successful study requires silence and no distractions.

Music may *relax* students but it will divert attention and reduce the effectiveness of studying





# Effective Study- Active



How tall is Mount Everest?

8,848 metres above  
sea level

FRONT

BACK

## Powerful Flashcards

- 1) Retrieve (don't cheat!)
- 2) Re-order (shuffle and interleave)
- 3) Repeat (at least 3 times)



# Nuclear FUELS

**What is it?**  
It's a substance that is used to produce heat to power turbines! Heat is produced when nuclear fuels undergo the nuclear fission.

**WARNING: RADIOACTIVE!**

The main nuclear fuels are uranium and plutonium. These are radioactive metals. Unlike fossil fuels, nuclear fuels are not burnt to make energy. Instead, nuclear fission reactions in the fuels release energy.

**THE PROCESS OF NUCLEAR FISSION:**

Incident neutron → fissionable nucleus → splitting of nucleus → release of energy! → fission product → CHAIN REACTION!

**Advantages...**

- Unlike fossil fuels, nuclear fuels do not produce carbon dioxide or sulfur dioxide.
- This helps the global warming slow down.
- The U.S. saves \$12 billion dollars a year for energy costs, thanks to nuclear power!

**Disadvantages...**

- Fossil fuels and nuclear fuels are non-renewable energy sources. If there is an accident, large amounts of radioactive material could be released into the world.
- It must be stored safely!

**Reasons why...**

Since the beginning of the industrial revolution, the demands for energy has increased dramatically! Today, most of these demands are met with the combustions of fossil fuels. This is starting to change people's minds that because of the rising costs and the harmful effects on the environment caused by fossil fuels, we should look for ways to replace our dependence upon them. Nuclear energy is one of the best options because it has all of the technology required to be used on a large scale!

**Is it really that dangerous?**

Despite the seemingly huge impact reported by the media, there have been no deaths as a direct result of the meltdowns at either Fukushima or Three Mile Island! Even in the case of Chernobyl, the total number of deaths is quite low. In comparison, deaths due to the use of coal are over 10,000 a year in the U.S. alone, followed by 22,300 deaths per year in Europe and up to 100,000 deaths per year in India.

Country	Deaths
U.S.	10,000+ deaths
Europe	22,300+ deaths
India	80,000 - 115,000 deaths

**How do nuclear plants work?**

First, you have the fuel, usually Uranium, which must be:

- 1) MINED...
- 2) ENRICHED... (URANIUM-235 ISOTOPE)
- 3) THEN, FORMED INTO PELLETS WHICH ARE PLACED IN RODS WITHIN THE REACTOR!

**FACT...**

Did you know? Enrico Fermi, an American / Italian physicist was the discoverer of nuclear energy. 20% of U.S.'s electricity comes from nuclear energy! France is the most reliant country of nuclear energy.

**Diagram of a Nuclear Reactor:**

Reactor → Pressurizer → Steam Generator → Turbine → Electric Generator → Condenser → back to Reactor.

# LADY Macbeth

**LOVED AS AN EQUAL**  
"my dearest partner of greatness..."

**WITCH-LIKE**  
"Come, you spirits..."

**MASCULINE**  
"...unsex me here, and fill me from the crown to the toe top-full of direst cruelty!"

**MANIPULATIVE**  
"Art thou afraid to be the same in thine own act, and valour as thou art in desire?"

**GOADING**  
"I would [...] have [...] dash'd the brains out, had I so sworn"

**HONOURABLE**  
"I would [...] have [...] dash'd the brains out, had I so sworn"

**SOME CONSCIENCE**  
"Had he not resembled my father as he slept, I had done't"

**CONTEMPTUOUS**  
"Infirm of purpose!"

**FEARFUL**  
"What, will these hands ne'er be clean?"

**EAGER TO INFLUENCE**  
"Hie thee hither, that I may pour my spirits in thine ear"

**ROTHLESS**  
"O, never shall sun that morrow see!"

**CUNNING**  
"... Look like the innocent flower, but be the serpent under't"


**IN CONTROL**  
"Leave all the rest to me"

**DETERMINED**  
"...screw your courage to the sticking-place, and we'll not fail"

**ADMIRED**  
"... thy undaunted mettle should compose nothing but males"

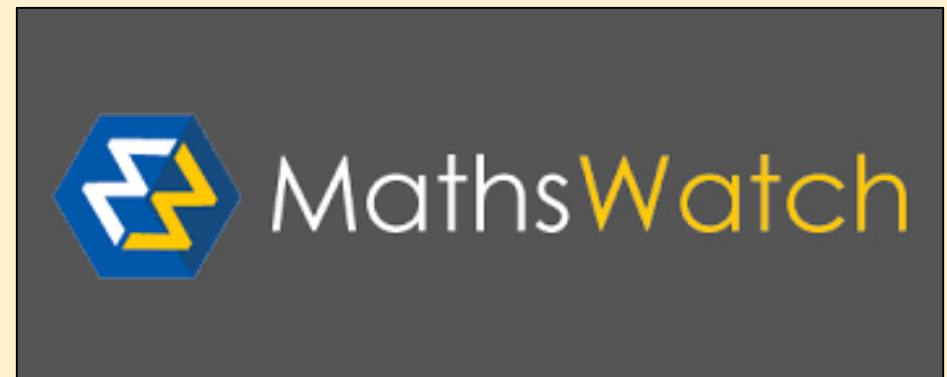
**COMMANDING**  
"Go get some water, and wash this filthy witness from your hand"

**GODLESS**  
"Doctor: more needs"



Using Pictures and Organising notes with visual cues means you have 2 ways to remember. 2 ways in 2 ways out.

# On-line Learning



# How to access Mathswatch from home

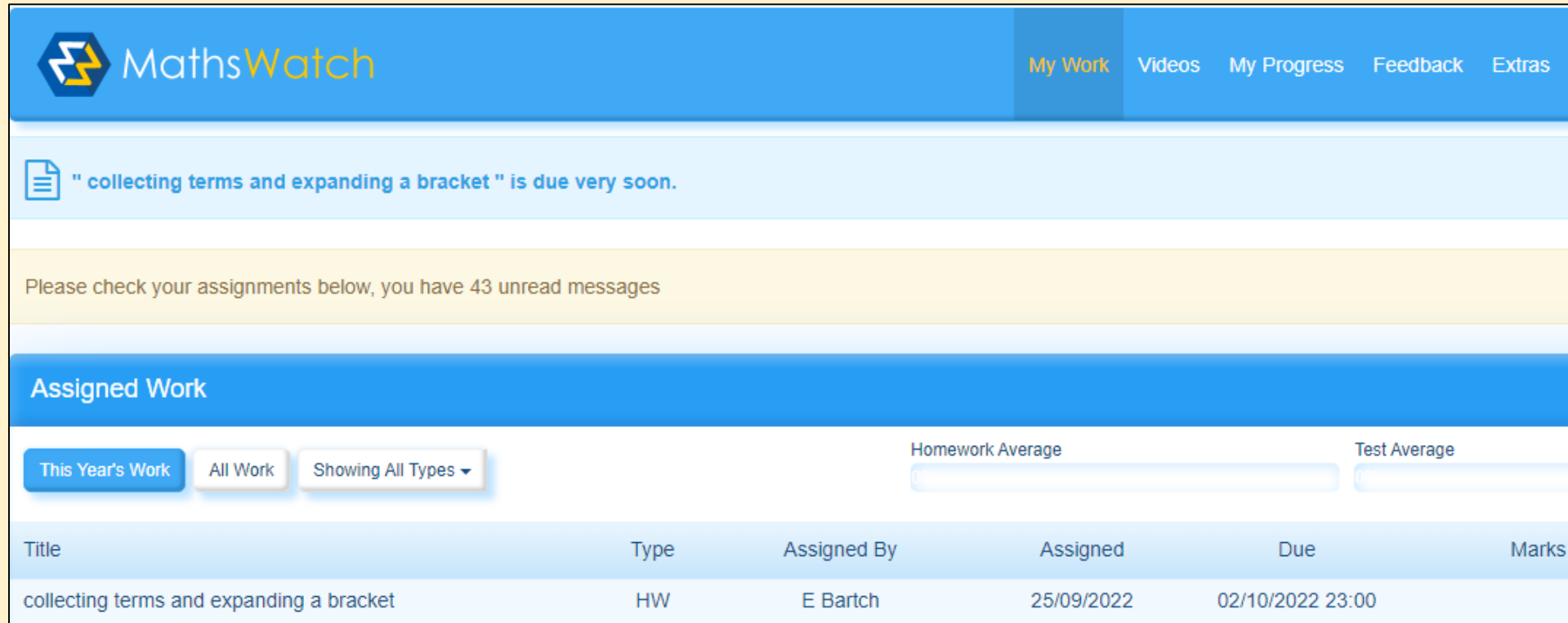
## Step 1:

Log into (details on page 161 of the pupil planner)

<https://vle.mathswatch.co.uk/>

## Step 2:

Type in your child's username and password and click login. (details on page 161 of the pupil planner)



The screenshot shows the Mathswatch website interface. At the top is a blue header with the Mathswatch logo on the left and navigation links: "My Work", "Videos", "My Progress", "Feedback", and "Extras". Below the header is a light blue banner with a document icon and the text: "collecting terms and expanding a bracket" is due very soon. Underneath is a yellow banner with the text: "Please check your assignments below, you have 43 unread messages". The main section is titled "Assigned Work" in a blue bar. Below this are three buttons: "This Year's Work", "All Work", and "Showing All Types" with a dropdown arrow. To the right of these buttons are two progress bars labeled "Homework Average" and "Test Average". At the bottom is a table with the following columns: Title, Type, Assigned By, Assigned, Due, and Marks.

Title	Type	Assigned By	Assigned	Due	Marks
collecting terms and expanding a bracket	HW	E Barch	25/09/2022	02/10/2022 23:00	





# How you can support your child's study

The purpose of **study** is to **embed** in students' long term **memory** the **knowledge and techniques / skills** that they will need to reproduce in their exams.

This can only be done through ***repeated, purposeful practise***

You can support this through by ensuring that your child's study is: ***Organised, Purposeful and Active***

# Practical tips for parents/carers



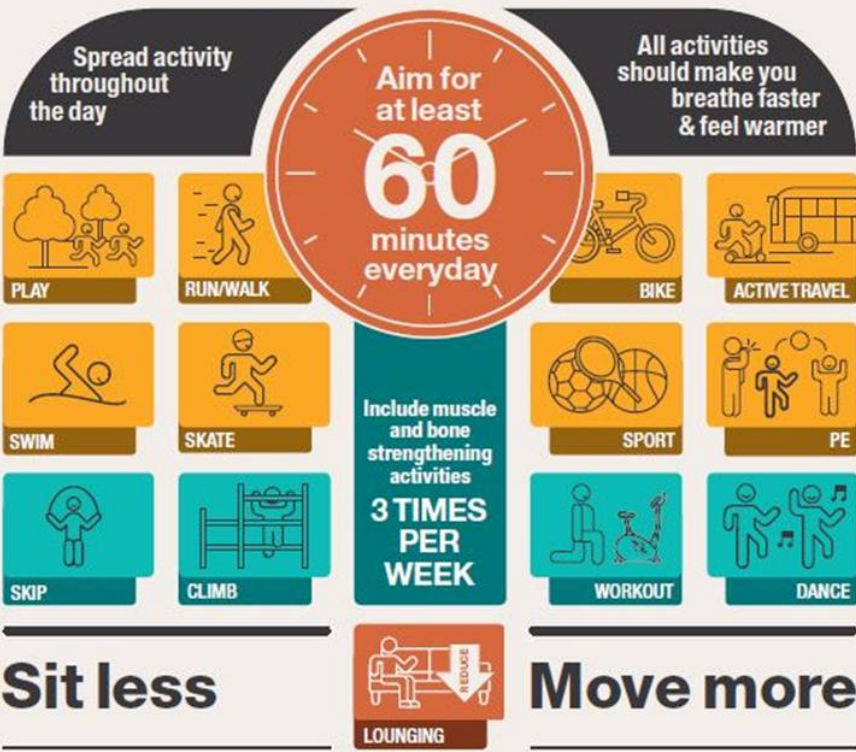
- Get them into a regular study/homework routine
- Ensure they have a **quiet place to study** with minimal distractions
- As they begin revision for topic tests or Y10 exams, make sure their revision is **goal orientated** (this topic, 3 mind maps, that page in the revision guide, etc)
- Make sure revision includes **practising the skills / techniques** of answering GCSE level questions
- **Get actively involved** / ask what they are doing /ask what they have learned at school/ test them on their work
- **Encourage their involvement in extra-curricular activities** including physical activity
- **Encourage good sleep patterns and diet**

**Organisation  
is the  
Key to Success**

# Physical activity for children and young people (5–18 Years)



## Be physically active



Find ways to help all children and young people accumulate at least 60 minutes of physical activity everyday

UK Chief Medical Officers' Guidelines 2011 Start Active, Stay Active: [www.bit.ly/startactive](http://www.bit.ly/startactive)

## THE BRAIN BENEFITS OF EXERCISE



INCREASES PRODUCTION OF  
NEUROCHEMICALS THAT  
PROMOTE BRAIN CELL REPAIR



IMPROVES  
MEMORY



LENGTHENS  
ATTENTION SPAN



BOOSTS DECISION-  
MAKING SKILLS



PROMPTS GROWTH OF  
NEW NERVE CELLS AND  
BLOOD VESSELS



IMPROVES  
MULTI-TASKING  
AND PLANNING





**TEENAGERS: 8-10 HRS/DAY**  
**ADULTS: 7-9 HRS/DAY**

Don't let this be you...



Plan ahead!

## TIPS FOR TEENS TO PROMOTE A **GOOD NIGHT'S SLEEP**



Try to get up at about the same time each morning.



Enjoy some physical activity during the day, preferably outside.



Worrying about things at night? Set time aside during the day for problem-solving.



Avoid drinking caffeine after 4pm as it's a brain stimulant.



Allow time to wind down at night. If you're working or studying, stop at least 30 minutes before bedtime.



Avoid phones, tablets and watching TV just before bedtime.



## Lunchtime

12.30-12.55

Dodgeball with Mr Smith in the **Sports Hall**

Basketball with Mr Mackey in the **Sports Hall**

Fitness Room Session with Mr Furness in the **Fitness Room**

Reading and Library Activities with Mr Gardener - **Library**

Choir with Mrs Cresswell in **Room 1 – 12.55-1.20**

## After School

Girls Football with Mr Smith in the **Sports Hall**

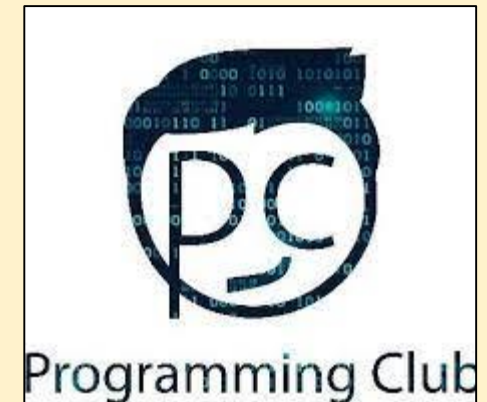
Girls Rugby with the Sport Coaches on the **field/AWP**

Reading and Library Activities with Mr Gardner in the **Library**

**KS4/5 Programming Club – Mr Mulford – Room 20 3.20-4.20**



# Monday





# Tuesday

## Lunchtime

**12.30-12.55**

Girls Indoor Football with Miss Walker in the Sports Hall

Fitness Room Session with Mr Smith in the Fitness Room

Reading and Library Activities with Mr Gardener - **Library**

Addams Family Rehearsals – **Septimus Hall** – 12.30 with Ms Wilson, Mrs Carman and Miss Callan



## After School

Basketball with Mr Mackey in the Sports Hall

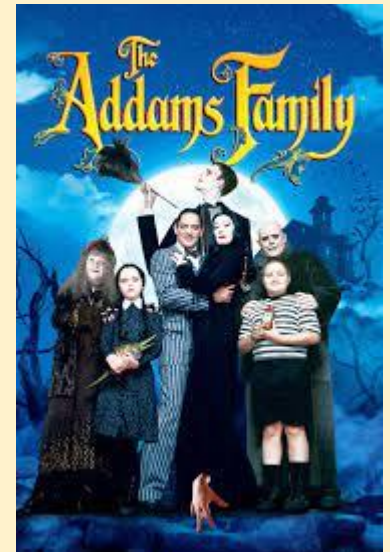
Badminton with Miss Walker

Reading and Library Activities with Mr Gardner in the **Library**

Addams Family Rehearsals – **Septimus Hall** – 3.30-4.20 with Ms Wilson, Mrs Carman and Miss Callan

‘Not on the Radio Club’ with Mr Liddle – **Room 25** - 3.20

**Science Seneca Club with Mr Hendry – Room 3 3.20-4.00**



# Wednesday

## Lunchtime

12.30-12.55

Boys Indoor Football with Mr Leggett in the Sports Hall

Fitness Room Session with Miss Dickman in the Fitness Room

Reading and Library Activities with Mr Gardener - **Library**



## After School

Boys Rugby with the Sport Coach on the field

Reading and Library Activities with Mr Gardner in the Library

Addams Family Music Rehearsals – 3.20-4.20 – Room 1

Sci-Fi Club with Mr Coyne – Room 11 - 3.20-4.20

Environmental Club with Mrs Carr and Mrs Thomas – Room 15 3.20-4.20

Bronze Art Award Club – **Week 1 Wednesday** with Mrs Craig

Art Club with Mrs Dembry and Mrs Sarginson – Rooms 24 and 28

World Games and Competitions Club – Geography Staff – Room 23

**Y10/11** Netball with Miss Walker and Miss Dickman – Sports Hall

Newspaper Club – Miss Garside - Library



# Thursday

## Lunchtime

12.30-12.55

Trampolining with Miss Nelson in the Sports Hall

Dance with Miss Dickman in the Sports Hall

Fitness Room Session with Mr Leggett in the Fitness Room

Choir with Mrs Cresswell in **Room 1 – 12.55-1.20**

Reading and Library Activities with Mr Gardner in the Library

## After School

Reading and Library Activities with Mr Gardner in the Library

Warhammer Club with Mrs Craig – Room 3

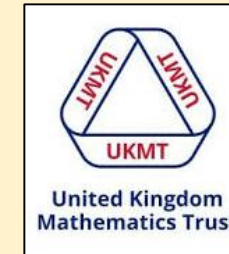
Student Voice/Action Club – Room 6 – Mrs Lowthian

Film Club – Room 18 – Mr Thompson

UK Maths Challenge Practice and problem solving – Mrs Geary – Room 33

Orchestra Rehearsal – 3.20-4.20 – **Room 2**

Year 10 ICT Club – Mrs Thompson - Room 34





## Lunchtime

**12.30-12.55**

Table Tennis and Badminton with Mr Smith in the Sports Hall

Fitness Room Session with Miss Walker in the Fitness Room

Board Games and Chess Club with Mr Lloyd – Room 48

Reading and Library Activities with Mr Gardner in the Library

Drama Club with Ms Wilson, Miss Callan and Mrs Carman – Septimus -**12.50-1.20**

Addams Family Music Rehearsals – **12.55-1.20** – Room 1



# Friday



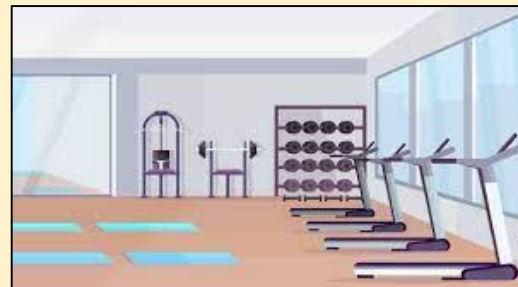
## After School

Running Club with Mrs Dembele – meet in the PE dept

Reading and Library Activities with Mr Gardner in the Library

Climbing in the Sports Hall with Mr Mackey and Mr Leggett

Trampolining with Miss Dickman and Miss Nelson in the Sport Hall



# Y10- what to expect



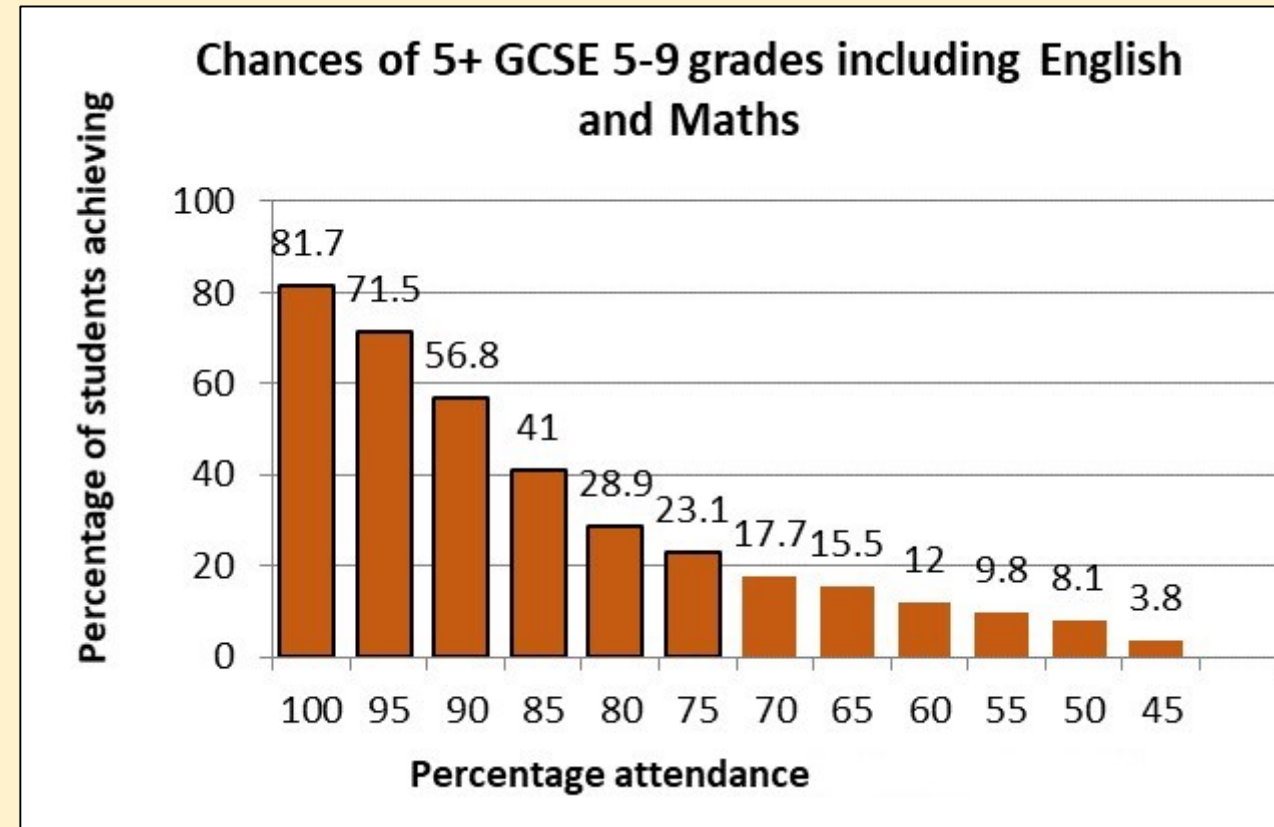
- High expectations in terms of attitudes to learning and study both in and outside of the classroom
- An increased amount of homework to complete and more self-study expected
- A number of opportunities for students to take on responsibilities such as being a Prefect, Principal Student or House Captain
- Work experience
- Extra-curricular opportunities and trips





# Attendance

Attendance	Number of school days absent in a year	Number of Weeks
100	0	0
96	7	1.4
95	9	1.8
90	19	3.8
85	29	5.8
80	38	7.6
70	57	11.4



# How will we support your child?



- Quality First Teaching- high quality, differentiated, inclusive teaching
- Additional Study Support and Master classes after school, beginning after Y10 exams, and onwards in to Y11
- Careers opportunities including careers appointments with Mr Moore (school Careers' Advisor) a University Visit Day and Work Experience
- High quality pastoral & academic care-please contact Miss O'Neill (pastoral) and Mrs Latimer-Mills (academic) if you would like to discuss specific matters regarding your child.

Thank you for your time this evening

