

How will you display 'Achievement' this week?

A

Achievement



Co-op Academy  
Manchester

MMC

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Co-op Academy  
Manchester

# Achievement

We ensure that our knowledge rich curriculum and expert teaching enables students to become knowledge experts. This ensures that they have elevated aspirations for their future.

# How will you display 'Achievement' this week?

## Helping your Child to Revise Welcome



# Helping your Child to Revise

1. How do GCSE Grades Work?
2. Mock Exams Coming Up
3. Getting Exam Ready
4. Post 16 Information
5. XL Sessions/Boosters
6. Importance of Attendance
7. Tenacity Takeover
8. Knowledge Expert Sheets
9. Top Tips
10. Revision Techniques
11. Core Subject Quizzes
12. Option Subject Revision
13. Core Subject Revision

## Year 11 Team

- Mrs McMorrow - Head of School
- Mrs Antrobus - AVP Yr 11
- Mr Schofield - AHOY
- Mr Haseler - AVP - Careers Lead
  
- Mr Hughes - HOY
- Ms Jackson - HOY

# How do GCSE Grades Work?

The GCSE grading system in England runs on a scale from 9 to 1. The highest grade you can get is a 9, with 1 being the lowest.

This system was introduced in 2017, replacing the old GCSE grading system that awarded students letter grades from A\* to G.

What's a GCSE strong pass?

This is a grade of 5, which is a pass mark. It sits between a grade B and a grade C in the old number grading system.

What's a GCSE standard pass?

This refers to a grade of 4, which is also a pass. It's directly equivalent to a grade C in the old number grading system. Most university courses require that you have at least a grade C/4 in your GCSEs.

New GCSE Grade Structure	Previous GCSE Grade Structure	Vocational Grades	
9	A*	L2D*	
8	A	L2D	
7			
6	B	L2M	
5			
4	C	L2P	
3			
2	D	L1D	L1P
1		E	
	F		
		G	
U	U		U

# Year 11 Mocks Exams

## Week One

Date	Session	Length	Subject
Mon 28th Oct	AM	1hr 45	English Literature Paper 1
			BTEC Digital IT (ICT)
Mon 28th Oct	PM	1hr 30	Media Studies
Tues 29th Oct	AM	1hr 30	Maths Paper 1
		F 1hr + 45	French Reading and Writing
Tues 29th Oct	PM	H 1hr 15 + 1hr	Spanish Reading and Writing
		1hr 10	Combined Science - Chemistry
Wed 30th Oct	AM	1hr 45	Triple Science - Chemistry
			Computer Science Paper 1
Wed 30th Oct	PM	1hr 30	Drama
		2hr	Design Technology
Thurs 31st Oct	AM	TBC	GCSE Music
		1hr 30	Creative Design & Production
Thurs 31st Oct	PM	F - 35 / H - 45	Spanish Listening
Fri 1st Nov	AM	2hr	Enterprise
		1hr 15	Health and Social Care
Fri 1st Nov	PM	F - 35 / H - 45	French Listening

## Week Two

Date	Session	Length	Subject
Mon 4th Nov	AM	1hr 45	English Language Paper 2
		1hr 45	Ethics
		1hr 45	Food and Nutrition
Mon 4th Nov	PM	P4 & 5	BTEC Music - MU1
		1hr 10	Combined Science - Biology
Tues 5th Nov	AM	1hr 45	Triple Science - Biology
Tues 5th Nov	PM	1hr 30	Geography
Wed 6th Nov	AM	1hr 30	Maths Paper 2
Wed 6th Nov	PM	1hr 30	Computer Science Paper 2
Thurs 7th Nov	AM	2hr	History
		1hr 15	Child Development
Thurs 7th Nov	PM	1hr 15	BTEC Sport
Fri 8th Nov	AM	1hr 30	Maths Paper 3
		1hr 10	Combined Science - Physics
Fri 8th Nov	PM	1hr 45	Triple Science - Physics

## Week Three

Date	Session	Subject
Mon 11th Nov	All day	Photography
Tues 12th Nov	All day	Art

# XL Sessions

	AM – 08:00 - 08:30	PM – 15:05 - 15:35
Wed 16th Oct		BTEC DIT Media Studies
Mon 28th Oct	English Literature Paper 1	French Reading and Writing Spanish Reading and Writing
Tuesday 29th Oct	Maths Paper 1	Computer Science Paper 1 Drama
Wednesday 30th Nov	Combined Science - Chemistry Triple Science - Chemistry	Creative Design & Production Spanish Listening
Thursday 31st Nov	Design Technology GCSE Music	Health and Social Care French Listening
Friday 1st Oct Nov	Enterprise	Ethics Food and Nutrition BTEC Music - MU1
Monday 4th Nov	English Language Paper 2	Geography
Tuesday 5th Nov	Combined Science - Biology Triple Science - Biology	Computer Science Paper 2
Wednesday 6th Nov	Maths Paper 2	Child Development BTEC Sport
Thursday 7th Nov	History	Combined Science - Physics Triple Science - Physics
Friday 8th Nov	Maths Paper 3	
Monday 11th Nov		Art
Tuesday 12th Nov	Art	

# Revision Timetable

Weekly Revision Timetable – Week 1 – WB: 22/04/24

Name:

Day	7:30 – 8:30 (Revision / XL)	8:30 – 3:00	3:00 – 4:00 (Revision / XL)	4:00 – 5:00	5:00 – 6:00	6:00 – 7:00	7:00 – 8:00	8:00 – 9:00	9:00 – 10:00
Monday		School Day	Maths booster		English Lit		Spanish		
Tuesday	Science booster		Ethics booster		Maths		Football training	English Lang	
Wednesday			Comp Science Booster		History		Science		
Thursday	English booster				Comp Science		Football training	Maths	
Friday	Spanish booster				Science		History		

Day	8:00 – 9:00	9:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 1:00	1:00 – 2:00	2:00 – 3:00	3:00 – 4:00	4:00 – 5:00	5:00 – 6:00	6:00 – 7:00	7:00 – 8:00	8:00 – 9:00	9:00 – 10:00
Saturday	FOOTBALL GAME						Eng Lang				Eng Lit			
Sunday		Spanish					Comp Science					Maths		





How will you display 'Achievement' this week?

# Exam Rules



# Instructions for Candidates

[https://www.youtube.com/watch?v=sifbrx9\\_do4](https://www.youtube.com/watch?v=sifbrx9_do4)



# Exam Reminders

- Make sure you know your seat number before you enter the exam room.
- No smart watches, mobile phones, Air-Pods/Earphones or any other electrical devices are allowed in the exam hall. Please ensure that you have put these away before you enter the sports hall. **\*\* No keys or glasses cases\*\***
- No papers of any description should be brought in.
- There should be no writing on hands.
- There should be no badges on blazers.
- Once in the exam hall you must remain in silence.
- Remember to bring a clear water bottle and go to the toilet before your exam starts.
- **If you have any valuables these should be put in your locker.**

# JCQ Exam Rules



AQA	City & Guilds	CCEA	OCR	Pearson	WJEC
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## Warning to Candidates

1. You **must** be on time for all your examinations.
2. **Possession of a mobile phone** or other unauthorised material is **not allowed** even if you do not intend to use it. You will be subject to penalty and possible disqualification from the exam/qualification.
3. You **must not** talk to, attempt to communicate with or disturb other candidates once you have entered the examination room.
4. You **must** follow the instructions of the invigilator.
5. You **must not** sit an examination in the name of another candidate.
6. You **must not** become involved in any unfair or dishonest practice in any part of the examination.
7. If you are confused about anything, only speak to an invigilator.



AQA City & Guilds CCEA OCR Pearson WJEC

## NO MOBILE PHONES NO WATCHES

NO POTENTIAL TECHNOLOGICAL/WEB  
ENABLED SOURCES OF INFORMATION



Possession of unauthorised items, such as a mobile phone or any watch, is a serious offence and could result in

## DISQUALIFICATION

from your examination and your overall qualification.

# Don't fall for exam paper scams!



Trying to buy an exam paper, which claims to be real, is a serious matter. The penalties are strict, and you could end up losing your qualification, and your money!

If you see anyone selling exam papers online, including on social media, **it's most likely a scam.**

**Stay clear and report it to your teachers or exam board.**



# Malpractice

Thank you for reporting the late arrival of the above named candidate.

In accordance with the JCQ Instructions for Conducting Examinations ([www.jcq.org.uk/exams-office/ice---instructions-for-conducting-examinations](http://www.jcq.org.uk/exams-office/ice---instructions-for-conducting-examinations)) Pearson allows candidates into examinations up to one hour after the scheduled start time, or a period equal to the duration of the examination if less than one hour. However, we cannot permit any further relaxation of the starting time because of the risk to the security of the examination concerned.

After consideration of all the information provided, I regret to advise you that Pearson is therefore unable to accept this candidate's script for the above examination and a mark of zero will be imposed.

Thank you for the JCQ malpractice notification form that you have submitted in which you report that during the The Music Industry 21512E examination [REDACTED] walked out of exam early and did not attempt it.

To reflect this malpractice, it has been decided that any marks awarded to the candidate in The Music Industry 21512E of the 2301 examination series will be disallowed and a mark of zero will be imposed, this means that [REDACTED] will not be able to certificate in FYR88. In order to certificate [REDACTED] will need to resit The Music Industry

# Malpractice

In accordance with Appendix 6 of the JCQ *Suspected Malpractice Policies and Procedures* document, the nature of the offence is 'Introduction of unauthorised material into the examination room – mobile phone or similar electronic devices; in the candidate's possession but no evidence of being used by the candidate'.

In line with the JCQ *Suspected Malpractice Policies and Procedures* document, AQA is imposing a **loss of all marks gained for a component**. The candidate will receive a mark of zero for the above examination component.





# Malpractice

Talking or attempted communication of any form during an examination is not permitted. Whilst it cannot be concluded that [redacted] attempted to communicate with relation to the examination, the evidence available leads to the conclusion that [redacted] has acted in an inappropriate manner whilst under examination conditions and that has breached regulations by this conduct.

Page 1 of 2

To reflect this malpractice, it has been decided that a mark of zero will be imposed for the Combined Science 1SC0\_2BF component for this candidate. The candidate's results will then be issued in due course as normal.



How will you display 'Achievement' this week?

# Post 16 Options

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# YR 11 Timeline.

Sept - December.

College applications

February onwards

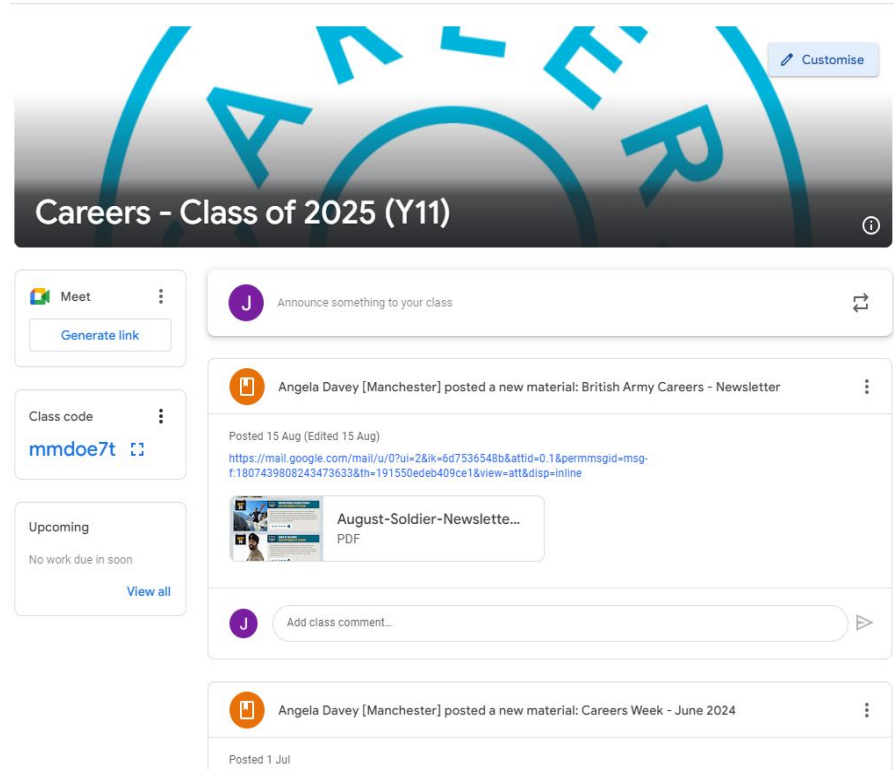
Students need to start looking for apprenticeships.

All year support from the Careers Team.



# CEIAG google Classroom

Important information about college open day, apprenticeship opportunities, Volunteering opportunities.



The screenshot shows a Google Classroom interface for a class titled "Careers - Class of 2025 (Y11)". The header features a blue banner with the word "CAREERS" in large, stylized letters. Below the banner, there are several sections:

- Meet:** A section with a "Generate link" button.
- Class code:** The code "mmdoe7t" is displayed with a copy icon.
- Upcoming:** A section indicating "No work due in soon" with a "View all" link.
- Announcements:** A list of posts from the teacher, Angela Davey [Manchester]. The first post is titled "Announce something to your class". The second post is titled "Angela Davey [Manchester] posted a new material: British Army Careers - Newsletter" and includes a link to a PDF document titled "August-Soldier-Newslette...". The third post is titled "Angela Davey [Manchester] posted a new material: Careers Week - June 2024".
- Comments:** A section for adding class comments.



# Applying for Colleges / Apprenticeships.

Apply to more than one college - more colleges are now getting oversubscribed

(College applications on -line and have access to a portal which will keep them up to date with their progress)

Encourage your child to attend Interviews/ College Taster days in June/July and to keep accessing their portal.

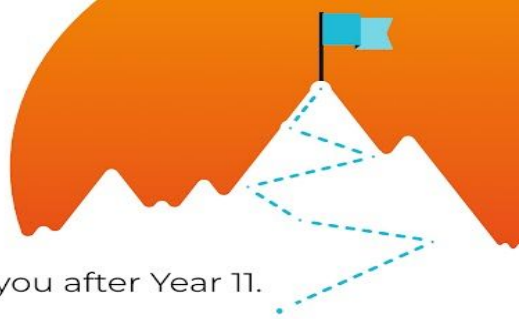
Register with the Gov.uk Apprenticeship website.

Make enquiries with local companies.

Refer to the self help guides on the apprenticeship website for how to complete an application form - students need to self themselves.



# POST 16 OPTIONS MADE SIMPLE



Use the information below to help you understand the options available to you after Year 11.

IF I ACHIEVE THE FOLLOWING GCSEs ...

I CAN MOVE ONTO LEVEL ...

AND CONSIDER THESE OPTIONS ...

AND APPLY FOR ...

THESE ARE MINIMUM REQUIREMENTS YOU MUST CHECK WITH YOUR LOCAL PROVIDERS

5+ 5+ 5+ 5+ 5+

inc English Language and Maths at a Grade 4  
Exact requirements vary according to the subject

3

A LEVELS

3 or 4 SUBJECTS

4+ 4+ 4+ 4+ 4+

inc English and Maths at a Grade 4 and above

3

T LEVELS

1 SUBJECT

4+ 4+ 4+ 4+ 4+

inc English and Maths at a Grade 3  
Exact requirements vary according to the course

3

VOCATIONAL COURSES

1 to 3 SUBJECT COURSES

3+ 3+ 3+ 3+

inc English at a Grade 3 and Maths at a Grade 2

2

1

VOCATIONAL COURSES

1 SUBJECT COURSE

2+ 2+ 2+

inc English at a Grade 2 and Maths at a Grade 1

3

2

APPRENTICESHIPS

APPLY FOR VACANCIES

4+ 4+

Exact requirements vary according to the employer.

ENTRY 3

PRE-ENTRY (ENTRY 1 & 2)

VOCATIONAL COURSES

FUNCTIONAL SKILLS COURSES

1 SUBJECT COURSE

3+ 3+

What if I get grades below **2** ?

Speak to your Careers Adviser to help you explore the options in more detail.

RESOURCEFUL CAREERS

# Making Choices



**Information + support = a balanced choice**

College open days  
Careers Fairs  
YR10 World of Work Week  
Careers websites  
College prospectus.  
College assemblies

Family  
Teachers  
Careers Adviser  
Friends

What are the right options for YOU!

# Y11 Key Dates

- Complete your Personal Statement by *13th December*
- College Application deadline is *6th December*
- Post 16 Fair in school is on *10th October*
- Post 16 providers have been invited to your Progress Evening on *12th December*
- Once you have applied check your emails on a regular basis for interviews, etc.

## GCSE Results Day/ College enrolment

- Thursday 21st August 2025

Most colleges have their enrolment appointments on the day and students must attend to ensure they have their college place, so its strongly advised to be around in person to collect them.

## Child Benefit

If you are in receipt of Child Benefit this will extend if your child attends full time education



How will you display 'Achievement' this week?

Attendance





# Importance of Attendance

- In Year 11, Students with 85% attendance will miss around 100 hours of learning by the time exams start in May.
- Research shows that students with attendance above 90% are TWICE as likely to pass at least 5 GCSEs including English and maths than students with attendance below 90%.
- Punctuality matters! Students need to be in form each morning for 8:30. Form time is even more vital in Year 11. Students arriving after 9am will receive unauthorised absence marks - this puts parents at risk of legal action/fines.
- Help is at hand. If you have any issues affecting attendance, please contact the Attendance Team for support

# Tenacity Takeover

Monday - English

Tuesday - PSHE

Wednesday - Science

Thursday - Maths

Friday - Assembly: College Visits

How will you display 'Achievement' this week?


10:10:10



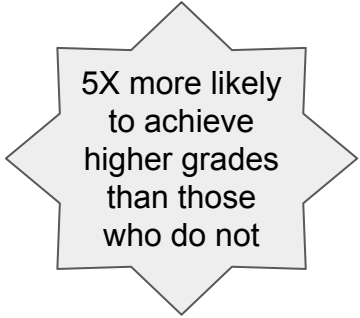
# Sparx Reader and Reading for Pleasure

With Sparx Reader or any novel of your choice, reading for pleasure can significantly enhance your academic, social, and emotional well-being:

1. **Academic Improvement:** It boosts vocabulary, comprehension, and critical thinking skills, leading to better performance in all subjects across the curriculum.
2. **Emotional Benefits:** Reading provides an escape, reduces stress, and encourages self-reflection, helping students develop resilience and emotional intelligence.



Reduce stress by up to 68%



5X more likely to achieve higher grades than those who do not

How will you display 'Achievement' this week?

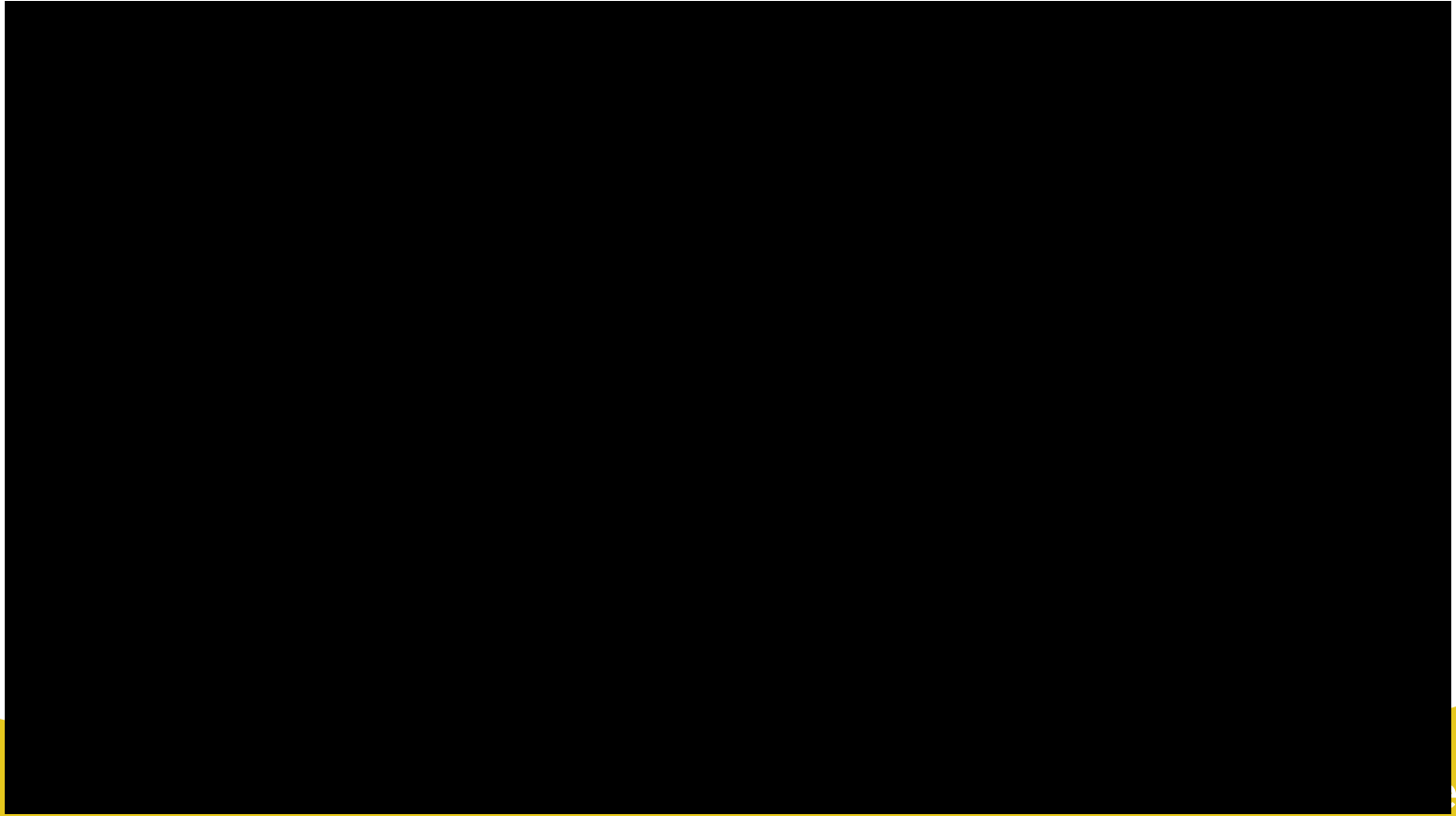
# How to Revise



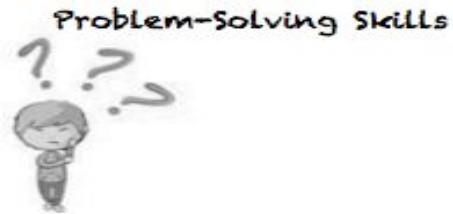
# Resilience

**Resilience** is defined as an individual's ability to properly **adapt to stress** and adversity.

# Motivational Video



# Resilience







10 phrases to teach to your child  
resilience

# Number 1

“Come on, laugh it off!”

Strategy: **Humour**

**Good for:** students who experience

disappointment, failure and even loss.



# Number 2

“Don’t let this spoil everything”

Strategy: **Containing thinking**

**Good for:** students who feel overwhelmed;  
who experience rejection; perfectionists.



# Number 3

“Let’s take a break”

Strategy: **Distraction**



CO

**Good for:** students experiencing stressful situations; kids with busy lives. **ovement**

# Number 4

“Who have you spoken to about this?”

Strategy: **Seeking help**

**Good for:** handling all types of  
personal worries.



# Number 5

“I know it looks bad now, but you will get through this”

Strategy: Offering hope

**Good for:** Kids experiencing loss, bullying,  
change or extreme disappointment.



# Number 6

“What can you learn, so it doesn’t happen next time?”

Strategy: **Positive reframing**

**Good for:** students who make mistakes,  
or experience disappointment.





# Number 7

“Don’t worry – relax and see what happens!”

Strategy: **Acceptance**

**Good for:** students who worry about  
exams or performing poorly.





# Number 8

**“This isn’t the end of the world”**

**Strategy:** *Maintaining perspective*

**Good for:** students who blow things  
out of proportion.



# Number 9

“You could be right. But have you thought about ... ”

Strategy: Flexible thinking



# Number 10

“What can we do about this?”

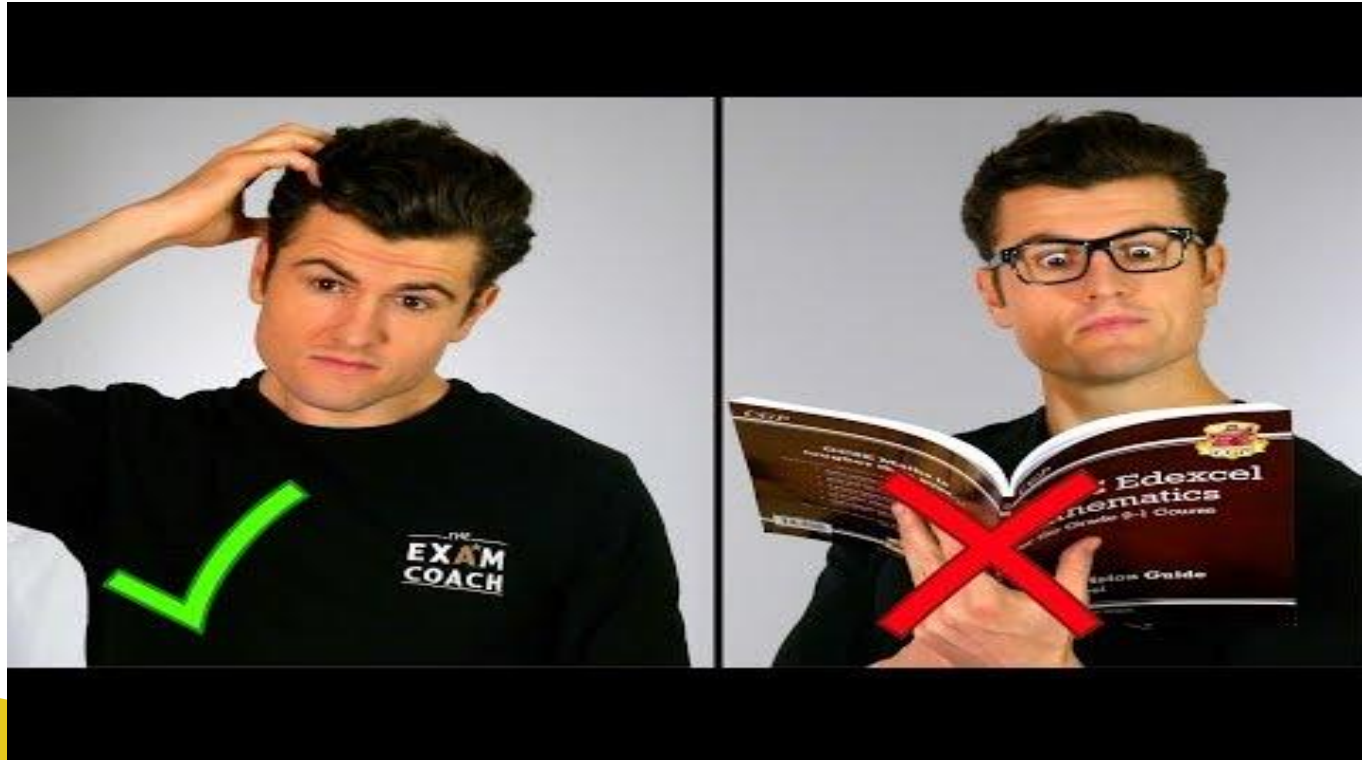
Strategy: Taking action

Good for: students who feel inadequate.



# Top Tips for Revising

<https://youtu.be/97Rs3oDzEtc>

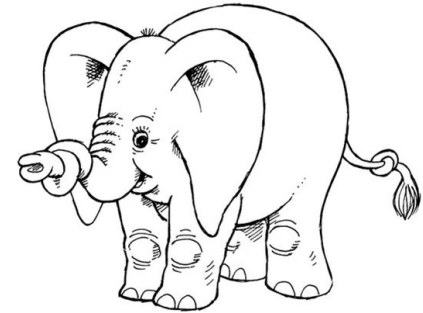


How often do you think you have to learn something before you will really remember it?

- A. Once
- B. Two times
- C. Three times
- D. Four times
- E. More than that



**Elephants never forget...**



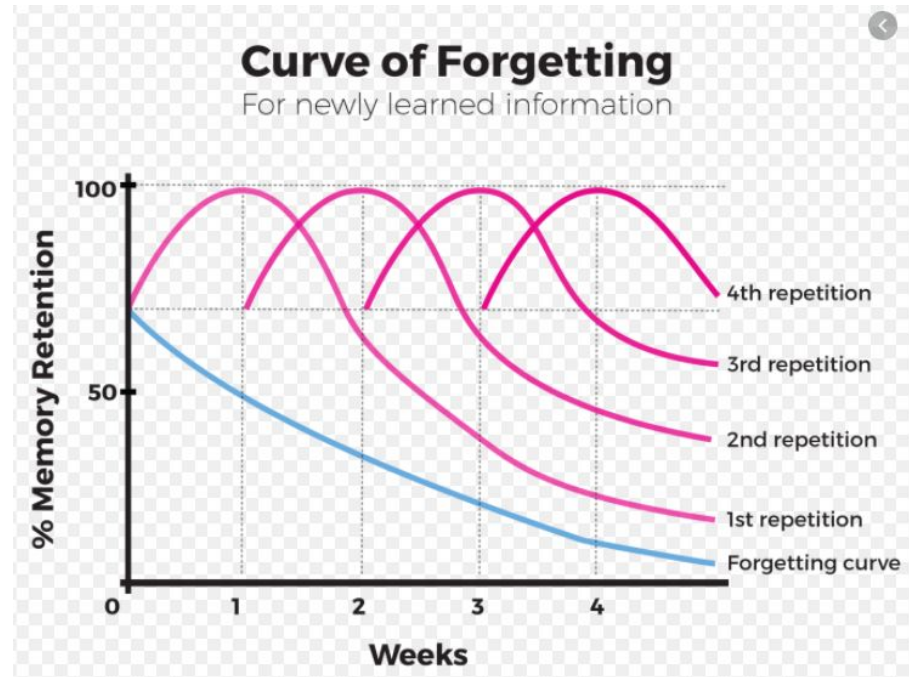
# How often do you think you have to learn something before you will really remember it?

- A. Once
- B. Two times
- C. Three times

**D. Four times**

Information slips out of our memory over time if we don't use it or revisit it.

When you revise new information you are helping your brain to retain it.



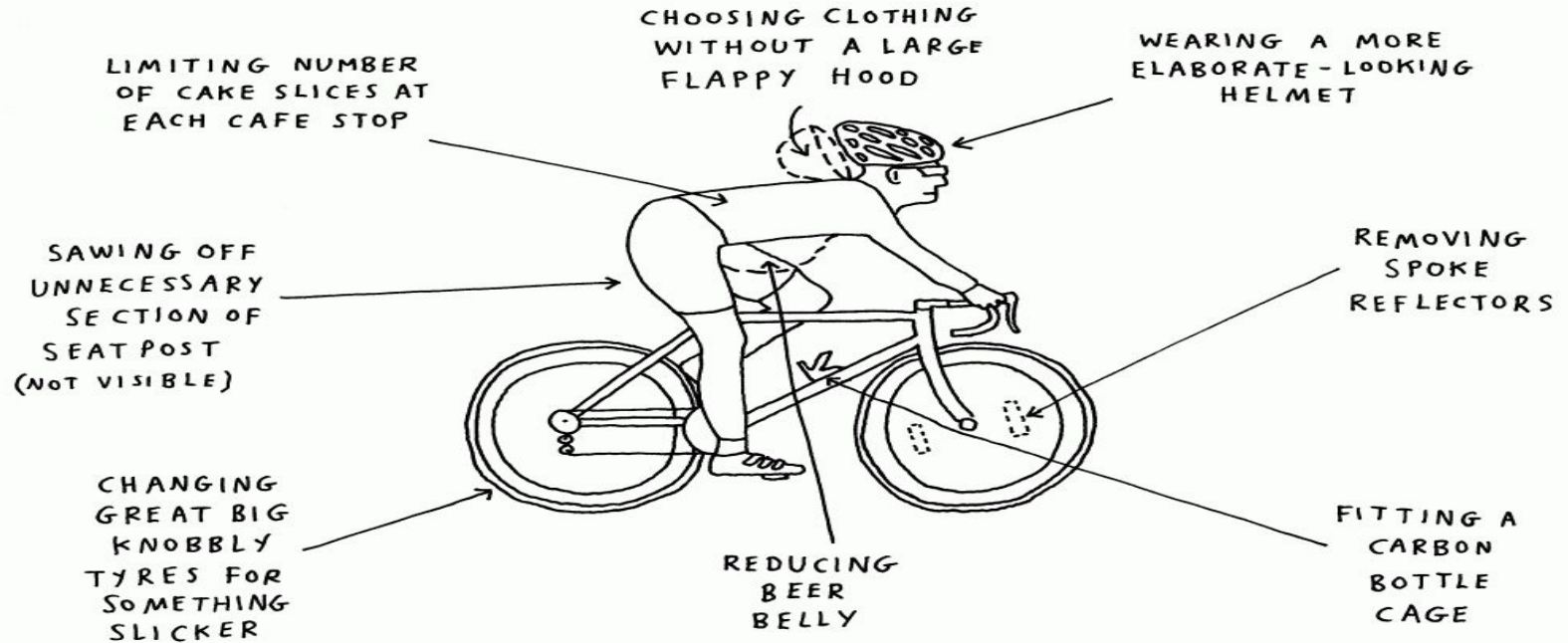
# Memory

- WE REMEMBER...
- *10% of what we read*
- *20% of what we hear*
- *30% of what we see*
- *50% of what we see and hear*
- *70% of what we discuss with others*
- *80% of what we personally experience*
- *95% or what we teach others*



# MARGINAL GAINS

HOW THE PROFESSIONALS MAKE SMALL CHANGES TO IMPROVE THEIR PERFORMANCE



[cyclingcartoons.com](http://cyclingcartoons.com) / by @davewalker



What small changes can your child make to be more successful?

## Marginal Gains

TASK: What can your child do to make those marginal gains?

Label in the diagram



What small changes can your child make to be more successful?

# Marginal Gains

Plan in time to relax

Following a revision timetable

Staying hydrated and eating a healthy diet

A good nights sleep

Avoid burning out - switch off after your scheduled time

Speak to teachers about specific revision topics

Good lighting in the room

Removing distractions: phone etc.

Prioritise workload



# Top Tips for Revising with your Child

1 Revision cards help information to be processed. Reading and highlighting is not enough on its own.

2 Students need to read the information and teach it to someone else they will remember and understand it then.

3 Make mind maps and pictures to help students to remember key information.

4 Make up silly rhymes or mnemonics and even songs; break things down. For example, in English and History use PEARMS to describe.

# Top Tips for Revising with your Child

5 Music and television needs to be off. Phones needs to be away – the distraction is too tempting.

6 Students need to have a dedicated quiet place.

7 Create a timetable each week with your child

8 Use the websites suggested for each subject and the Google Classrooms where you can access model and practice papers.

# Top Tips for Revising with your Child

9 Get your child to complete practice papers/questions each week. Underline key words and help them to decode the question.

10 Use the revision guides/easy guides given to students – test them on sections. Get them to highlight and speak to you about what they have read.

# Strategies to Revise

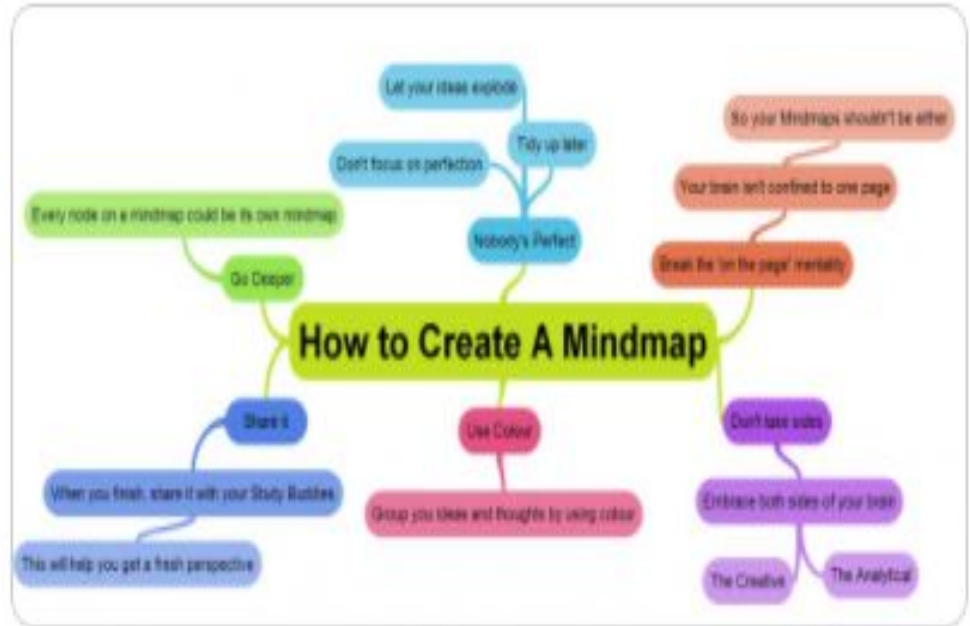
- Mind-maps
- Use post-its of keywords
- Create flash Cards
- Listen to revision podcasts
- Ask family and friends to test you
- Highlight key information on worksheets
- Chants/Raps
- Exam questions and mark scheme
- Write your own questions
- Make mnemonics to help you remember processes

# Mind Map

Put the main idea in the middle of the page.

Use colours to organize your thoughts into sections

Images can help you to remember the key information.



# Flashcards



Create your flashcards of key information / key words.

Include pictures / images to help you remember the information.

Use these to test yourself regularly - or ask friends / family to test you.



# Flashcards



## Learning

Write a keyword / phrase on one side and the definition / meaning on the other.

Read the cards and test your child/yourself

Pick cards at random to quiz if you can give the definition/keyword without looking at the other side

## Look, Cover, Write Check

Read the set of keywords

Put them to one side and try to recall the keywords and the definitions

Check them

## Grouping

Group the cards into different piles, based on:

- Definitions known
- Definitions unsure
- Definitions unknown

And focus on the unsure and unknown ones

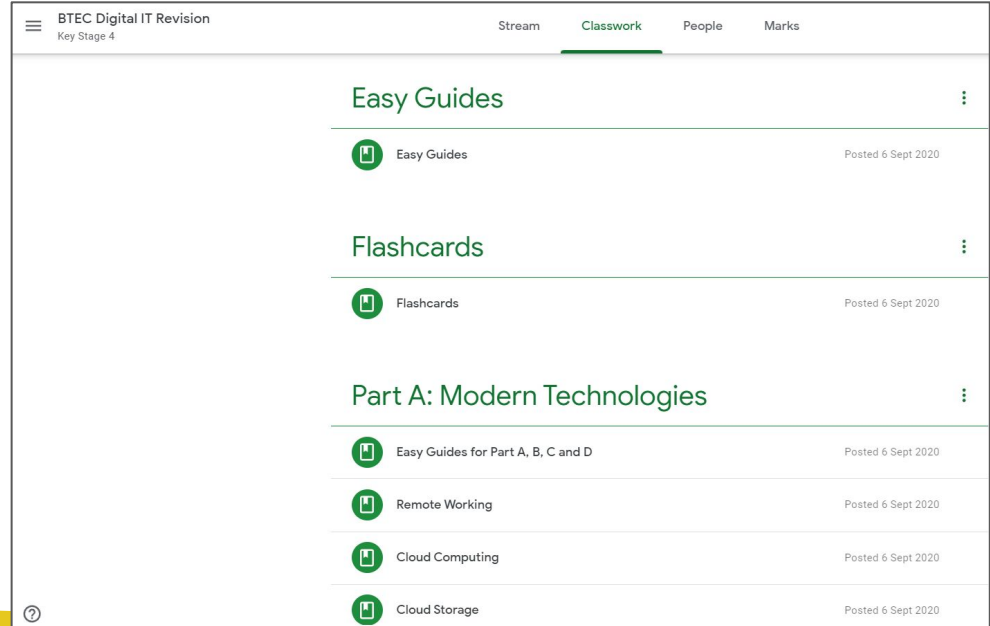
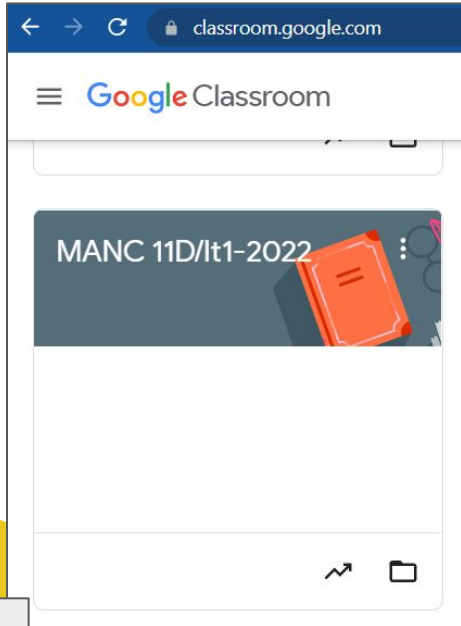


# Digital Revision

Subject	Name	Link
ICT	Know It All Ninja	<a href="https://www.knowitallninja.com/">https://www.knowitallninja.com/</a>
Computer Science	Seneca	<a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a>
French	Lots on the Google classroom!!!	<a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a> (AQA French) <a href="https://www.languagesonline.org.uk/Hotpotatoes/frenchindex.html#gsc.tab=0">https://www.languagesonline.org.uk/Hotpotatoes/frenchindex.html#gsc.tab=0</a> (French grammar) BBC Bitesize ( <a href="https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr">https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr</a> ) Quizlet - vocab and past questions ( <a href="https://quizlet.com/en-gb/content/aqa-gcse-french-resources">https://quizlet.com/en-gb/content/aqa-gcse-french-resources</a> )
Spanish	Lots on the Google classroom!!!	<a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a> (AQA Spanish) <a href="https://www.languagesonline.org.uk/Hotpotatoes/index.html#google_vignette">https://www.languagesonline.org.uk/Hotpotatoes/index.html#google_vignette</a> (Spanish grammar) BBC Bitesize

# Google Classroom

- All pupils have access to the Google Classroom, for each of their subjects.
- Some subjects will place extra revision resources on here.



# Revision through Song

- The Macbeth song

<https://www.youtube.com/watch?v=YXPVS-n8-0o>

- Parallelogram song

<https://www.youtube.com/watch?v=Rpkjb4Tx844>



Listen to one of these songs – Write down three things you can remember.

You can also learn formulas and ideas through song.



# Easy Guides

## What are they? How can they be used?

**Physics 2 paper, 1h 15 mins, 40 marks**  
Energy transfers and systems  
Electricity and circuits  
Magnetism

**Energy**  
The different energy stores are:  
Kinetic, chemical, gravitational potential, elastic potential, electrostatic, magnetic and nuclear.

When an object (or objects) changes, energy is transferred. Energy is always dissipated and stored in less useful ways.

Energy can be transferred by:  
Heating  
Force doing work (i.e. lifting a box off the floor)  
Electrical equipment (i.e. an electric toothbrush transferring energy from the chemical store of the batteries to the kinetic store of its bristles).

**Work and power**  
To make an object move we have to apply a force to it. When we transfer energy, work is done if they are the same thing.  
To calculate the work done we use:

$$\text{work (in joules)} = \text{force (in Newtons)} \times \text{distance (in metres)}$$

Power is a measure of how quickly energy is transferred. It is measured in Watts, and one watt is equal to one joule being transferred per second.

**Power (W) = work done (J) / time taken (in seconds)**

**Force** is a vector - this means they have a size and a direction. We use arrows to represent them. A free body diagram is a way of showing an object and all of the forces acting on it.



A resultant force is the overall force on an object. If the forces are opposite and equal they are in equilibrium.

**Circuits**  
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**MMC**

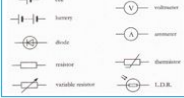
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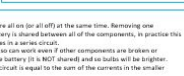


**Potential difference and resistance**  
As current flows through a circuit, the charges transfer to the energy store against resistance. This causes a transfer of energy and so energy is usually lost as heat. As the particles in the potential get hot they vibrate more making it harder for the electrons to get through the resistor - the resistance increases.

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Magnets are used in lots of ways:  
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Maglev trains use magnets to make the train float slightly above the track (reducing friction).  
Fridge doors have permanent magnets to keep them shut.

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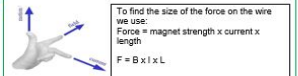


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**Fuses**  
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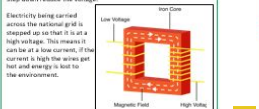
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Electricity being carried across the national grid is stepped up so that it is at a high voltage. This means it can be at a low current. If the current is high the wires get hot and energy is lost to the environment.

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**Physics 2 paper, 1h 15 mins, 40 marks**  
Energy transfers and systems  
Electricity and circuits  
Magnetism

**Energy**  
The different energy stores are:  
Kinetic, chemical, gravitational potential, elastic potential, electrostatic, magnetic and nuclear.

When an object (or objects) changes, energy is transferred. Energy is always dissipated and stored in less useful ways.

Energy can be transferred by:  
Heating  
Force doing work (i.e. lifting a box off the floor)  
Electrical equipment (i.e. an electric toothbrush transferring energy from the chemical store of the batteries to the kinetic store of its bristles).

**Work and power**  
To make an object move we have to apply a force to it. When we transfer energy, work is done if they are the same thing.  
To calculate the work done we use:

$$\text{work (in joules)} = \text{force (in Newtons)} \times \text{distance (in metres)}$$

Power is a measure of how quickly energy is transferred. It is measured in Watts, and one watt is equal to one joule being transferred per second.

**Power (W) = work done (J) / time taken (in seconds)**

**Force** is a vector - this means they have a size and a direction. We use arrows to represent them. A free body diagram is a way of showing an object and all of the forces acting on it.



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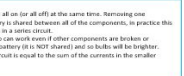


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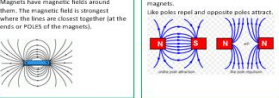
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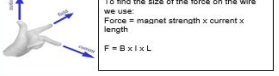


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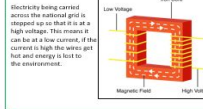
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# Revision Guides

Use the revision guide pages 1 to 5.

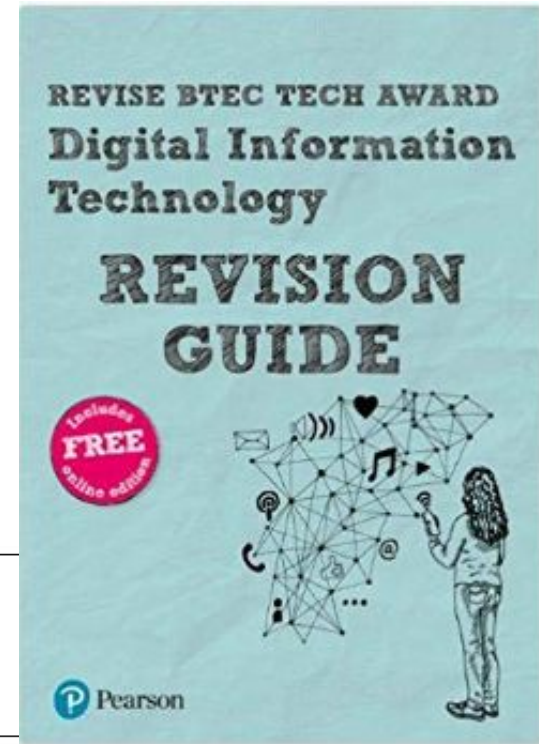
## Exam Question Quick Quiz 1

1. Explain what a personal hotspot is.
2. Give one example of when you might use a personal hotspot.
3. State two benefits of connecting to open Wi-Fi in a café.
4. Give two reasons why mobile internet may not be available everywhere.
5. State two drawbacks of using open Wi-Fi.

**C: Answers in revision guide**

**E: Use pages 1 to 5**

**K: Answer independently**





# Using Images to Aid Memory

## Photosynthesis

Sunlight shines on the leaves.

Cells in all green parts of the plants, but concentrated near the upper surface of the leaf, absorb this sunlight.(the parts of the cells that do this are called chloroplasts).

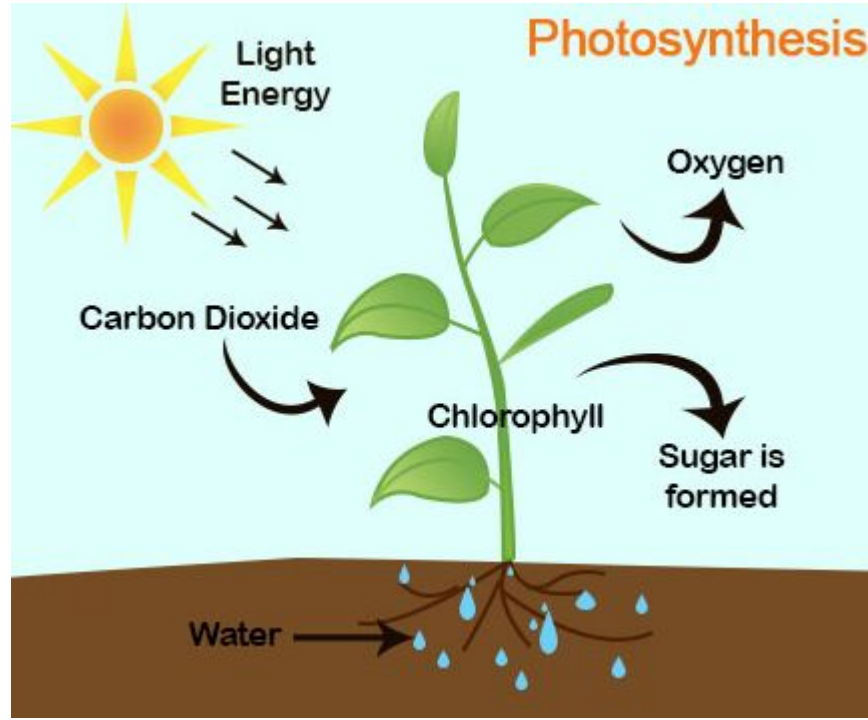
Carbon dioxide is also taken in to the leaves

Water, which has been taken up by the roots, travels up the plant stem/trunk to the leaves.

A chemical reaction happens where the water and carbon dioxide react, using the sunlight's energy to produce water and sugar (glucose).

The oxygen is released through the stomata and the glucose is used as an energy source for the plant to power life processes or turned into starch to be stored.

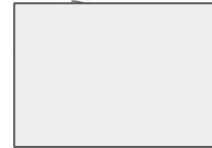
# Using Images to Aid Memory



# You can use stories to recall information



9



# Here is a story to recall information...

Henry got on his bike, eating his apple. As he swerved past the dog, he dropped his can of coke. Eventually, he got to the airport waiting for his plane. He got a cup of coffee and shook hands with the check in operator as he checked his case for his beach ball and his false teeth - but only 9 of them were there. Yet it didn't matter as he would be flying with the birds over the trees later, looking down over the big houses with the pianos and the expensive cars. He had some birthday cake as he put his umbrella away. He knew he would celebrate with his birthday with his party hat later.



Now it's your turn. Write a story with  
these images



How will you display 'Achievement' this week?

# Core Subject Quizzes



# English - Quiz

Frankenstein Quiz

Macbeth Quiz

**Log in:** [gueststudent@coopmanchester.co.uk](mailto:gueststudent@coopmanchester.co.uk)

**Password:** Password1

# Science - Quiz

gueststudent@coopmanchester.co.uk

Password1

joinmyquiz.com

474835



RHA

coopmanchester

Achievement

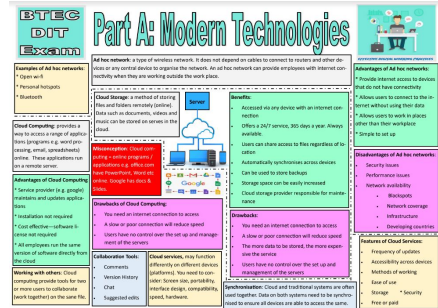


How will you display 'Achievement' this week?

# Option Subject Tips



# ICT - Three Top Tips

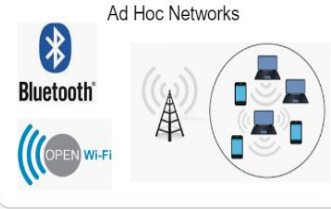


1. Easy guides

2. Flashcards

3. [www.knowitallninja.com](http://www.knowitallninja.com)

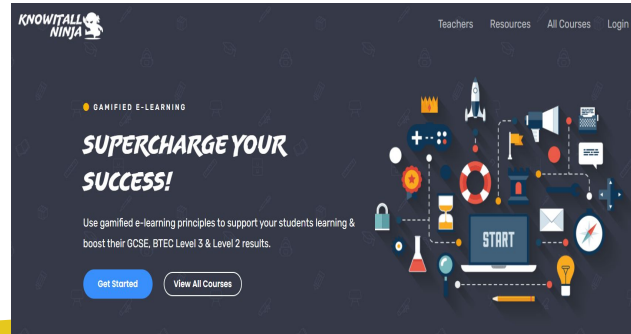
BTEC DIT Flashcards  
ICT



**Ad Hoc Network**

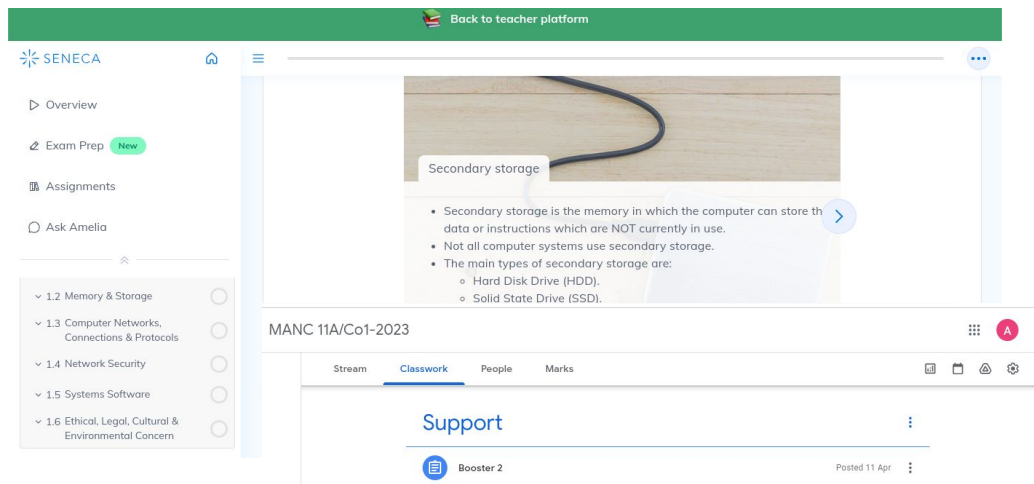
- A type of wireless network.
- Connects two or more devices.
- Unlike traditional networks it does not depend on cables to connect to routers or require a central device to organise the network.

Google Classroom Code: **yj27667**



# Computer Science - Three Top Tips

1. CGP Revision Flash Cards
2. Smart revise
3. Seneca learning

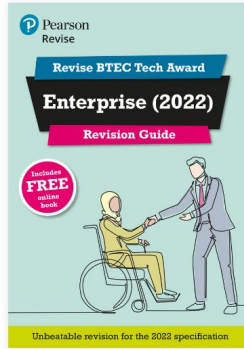


**SMART**  
  
**REVISE**



# Enterprise - Three Top Tips

1. Revision guides



2. Google classroom

3. Quizlet Match & Flashcards

**Google Classroom Code:**

Pmhwler - 11A

L3tn6yq - 11C

Xf27w5x - 11D

## Revision hub

Formulas	Posted 17 Oct 2023
Keywords	Posted 17 Oct 2023
Knowledge organiser	Posted 17 Oct 2023
Past papers	Posted 17 Oct 2023
6 Marker questions	Posted 17 Oct 2023
A Marketing activities	Edited 17 Oct 2023
B Financial documents and statements	Edited 17 Oct 2023
C Financial planning and forecasting	Edited 17 Oct 2023
A, B, C revision booklets	Edited 17 Oct 2023

Quizlet

Your library

Study tools

Search for flashcards

## BTEC TECH AWARD - ENTERPRISE

43 studiers today 5.0 (2 reviews)

Name 4 types of fixed costs?

retained profit = Net profit - Amount of net profit paid to owners of enterprise.

Calculating retained profit?

Types of capital?



# GCSE Music - Three Top Tips

## 1. Keywords Dictionary



## 2. Set Work Eduqas

**Toto: Africa**  
Soft rock

**Form and structure:** The piece is simple in structure in a verse-chorus form.

Verse	Verse 2 / Chorus 1	Chorus 2 / Verse 3	Verse 4 / Chorus 3	Instrumental	Chorus 4	Bridge
1-4	5-10 (2x)	11-12	13-15	16-18	19-21	22-24
4 bars	6 bars (2x)	2 bars	3 bars	3 bars	3 bars	3 bars

**Melody and rhythm:** Simple major/minor (2:2) rhythm common (3/4) with two eighth notes in many bars. One exception is **upbeats** (notes) in bars 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

**Background details:** Composed by hard rockers **Bonnie Powell** and **Jeff Porciano**. Recorded by the American rock band **Toto** in 1982 for their fourth studio album **African Nights**. Released in 1982 and reached number one in America on 1 January 1983.

**Instrumentation:** **Rock bands** often will add bass guitar, lead and bass guitars, synthesizers, brass band sections and drum backing tracks.

**Dynamics:** Most of the song is **mezzo-forte** (moderately loud) with the chorus on **piano**.

## 3. Music GCSE Quiz: <https://resource.download.wjec.co.uk/vtc/2019-20/int19>

Select the correct answer. Each time you play you will be given a random set of 10 questions. How many can you get right?

What does legato mean?

smooth

detached

high

Next question



How will you display 'Achievement' this week?

# Core Subject Tips

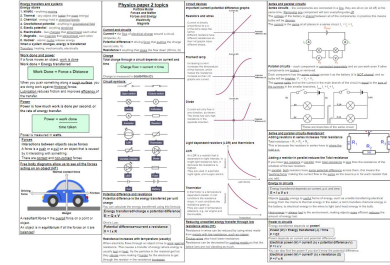
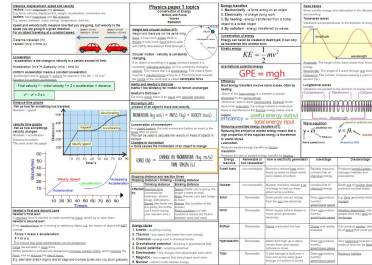




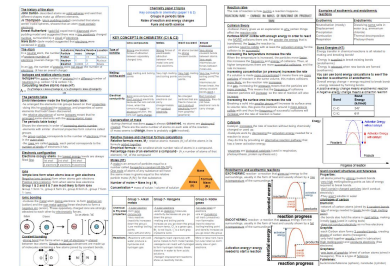
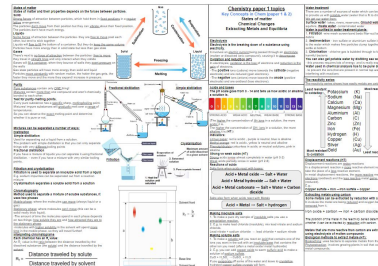


# Science - Three Top Tips

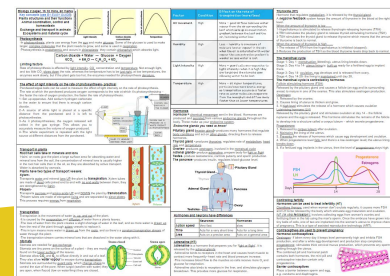
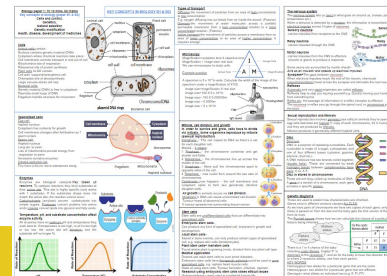
## 1. Physics Easy Guides



## 2. Chemistry Easy Guides



## 3. Biology Easy Guides



# Maths - Three Top Tips

1. Past Papers

2. Easy Guides

3. Online Revision Tools

*Hannah Kettle*  
MATHS TUTORIALS

## GCSE MATHS LIVE LESSONS:

<p><i>Open to Everyone</i></p> <p>EVERY THURS LIVE ON TIKTOK DOWNLOAD PAPER FROM <a href="http://www.hannahkettlemaths.co.uk">www.hannahkettlemaths.co.uk</a></p> <p>Thurs 18th April Thurs 25th April Thurs 2nd May Thurs 9th May</p> <p><b>PAPER 1 - THURS 16TH MAY</b></p> <p>Thurs 16th May Thurs 23rd May</p> <p><b>PAPER 2 - MON 3RD JUNE</b></p> <p>Thurs 6th June</p> <p><b>PAPER 3 - MON 10TH JUNE</b></p>	<p><i>Subscribers Only</i></p> <p>EVERY SUNDAY £10 / MONTH <a href="http://www.hannahkettlemaths.co.uk">www.hannahkettlemaths.co.uk</a></p> <p>LINK ON MY WEBSITE TO JOIN</p> <p>Sun 14th April Sun 21st April Sun 28th April Sun 5th May Sun 12th May</p> <p>Sun 19th May Sun 26th June Sun 2nd June</p> <p>Sun 9th June</p>
<p>FOUNDATION 7-7:45PM HIGHER 7:45-8:30PM</p>	<p>FOUNDATION 7-8:15PM HIGHER 7:50-9PM</p>

Write your name here

Surname  Other names

Pearson Edexcel Centre Number  Candidate Number

Level 1/Level 2 GCSE (9-1)

### Mathematics

Paper 3 (Calculator)

Higher Tier

Tuesday 12 June 2018 – Morning Paper Reference  
Time: 1 hour 30 minutes **1MA1/3H**

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used. Total Marks

#### 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.
- You must **show all your working**.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may be used.**
- If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be 3.142



# Sparx Maths



Corbettmaths

Maths Genie

How will you display 'Achievement' this week?

# Revision Timetable



# Resources and Revision Timetable

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>What other commitments do I have this week?</b>					<b>Notes/Things to remember:</b>	

# Any Questions?

## Feedback

<https://forms.gle/ghExDSeY4YjpY3FR7>



# Closing Words

Thank you for attending.

