

Shine
Like
a
Star



Be Assessment Ready

* * * * * YEAR 10 * * * * *

Achievement for All

SETTING UP FOR EXAMS

Be organised:

- Get files or folders for each subject and start putting important information in at the end of each day.
- You will waste time looking under a mountain of paper for the one you want when you could have spent that time revising.



Make a list of subjects and topics that you need to revise:

- One way of doing this is to get an A3 blank sheet of paper and fold it half, fold it again and again. When you open it, you will have 8 rectangles on each side. At the top of each rectangle write the name of your subject e.g., maths, English, history, Spanish. Then make a list of all the topics you need to revise in each subject e.g., under geography you could have volcanoes, weather, ecosystems, countries of the world.

Start early:

- Sooner you start the less you will have to do each day and the less stressed you will be.

Revision Timetable:

- Make a realistic revision timetable that will work for you.
- Allow time to get this completed – it is a good investment of time.
- Ask parents/form tutor to help if you find this difficult.

	1900-1800	1800-1700	1700-2000	2000-2100	2100-2200
MON:	Rehearsal	MAKE REVISION TIMETABLE	COLOUR IN TIMETABLE	Rehearsal	Rehearsal
TUE:	Biology Exam Class??	DEUS EX	GENERAL STUDIES: Read Cases & Hobbes	Rehearsal (add in the evening)	Rehearsal
WED:	Rehearsal	Collect old ASG!	KTAB	10:50:100 Smash (the)	Rehearsal
THUR:	File notes on Aquinas	Revise Bismarck & Co., etc.	ESSAY FOR R.S.	Revise SKILLS: Missions	Make Exam for final Result
FRI:	ARTS & DEBATING Soc.	Duch. of @ New	Maths: Vic!!	Maths: Vic!!	Make Exam for final Result

Equipment:

- Keep all the equipment you need handy e.g. pens, calculator, paper, notebooks, postcards, post-its, flash cards etc.
- Wasting 20 mins looking for a pen is not good use of revision time!



Revision Timetable

It's time to create a revision timetable for yourself
Here are some simple steps

- Break up your subjects.
- Think about where you need to focus. ...
- Be realistic. ...
- Expect the unexpected. ...
- Make your plan.

Don't be over ambitious – break work down into small chunks.

Assess how familiar you are with each topic and focus on your weak areas.

Take breaks, do short (45 minute) sessions often and include fun stuff / rewards – that way you are more likely to stick to your timetable.

Use different colours for different topics.

Remember to keep reviewing what you have revised and testing yourself at the end of the day, the next day and the end of the week - this will help you to recall the information in the exam.

You do not need to study from 9am-10pm; decide which hours of the day you can concentrate best

Mix up your timetable to focus on weaknesses!

Time	Monday	Tuesday	Wednesday	Thursday	Friday
4pm					
5pm					
6pm					
7pm					
8pm					
9pm					

Time	Saturday	Sunday
10am		
11am		
12pm		
1pm		
2pm		
3pm		
4pm		

HOW TO GET GOOD RESULTS

You can't revise it if you haven't learned it!

Revision is re-looking at information you have learned previously.

'Knowing' depends on understanding and remembering information.



Your attitude is important!

Success is 80% attitude & 20% skill!



Every lesson counts and your attendance is vital!

Go to all lessons and make them work for you – it is not whether you like the teacher or not, whether you find it difficult, whether you find it boring – it is what you are getting out of it that matters.



This is YOUR result.

Regardless of what has happened in the past you can always change your future.



YOU ONLY FAIL IF YOU GIVE UP!

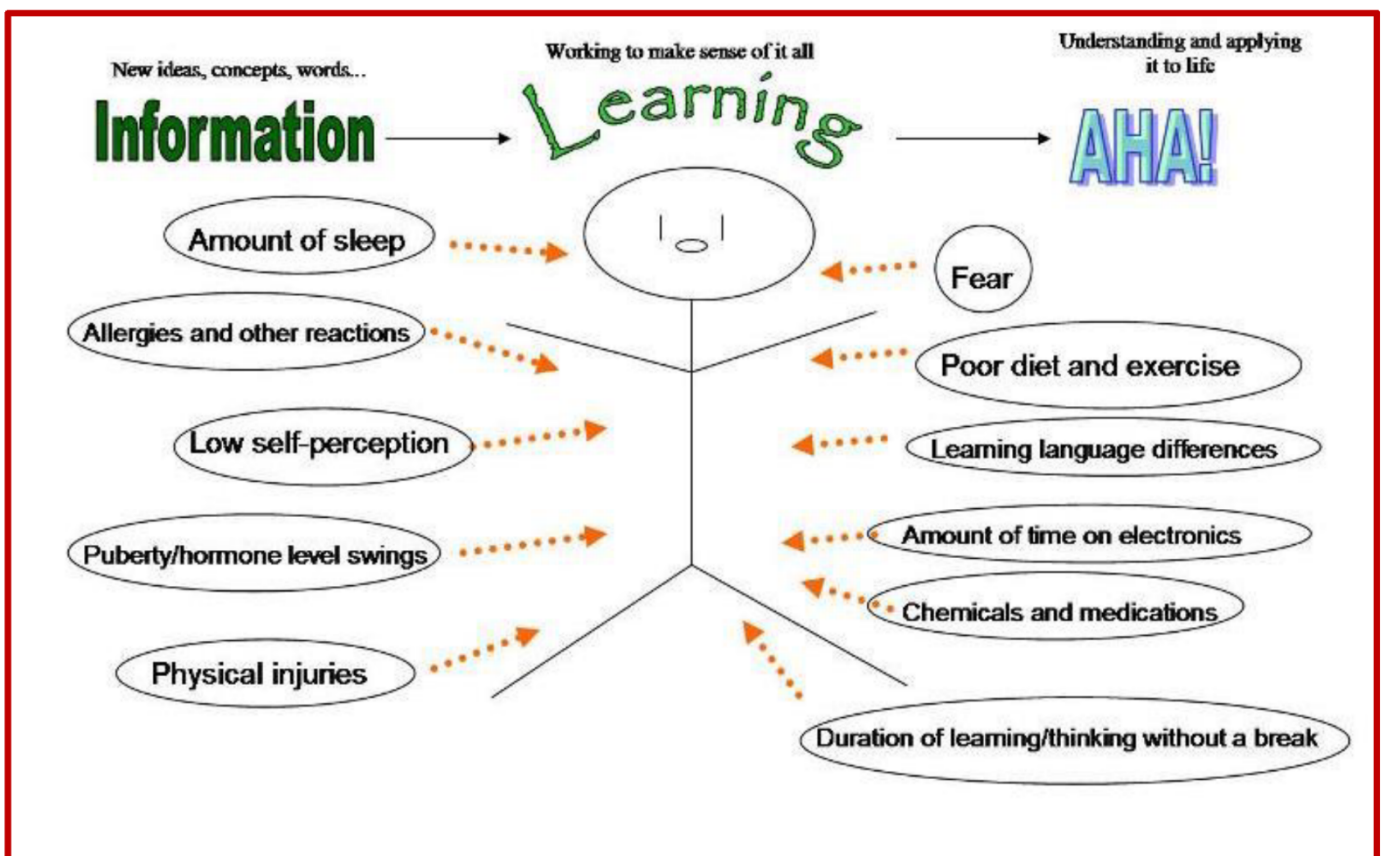
OBSTACLES TO LEARNING



Before you can give your all to your revision you need to think about any obstacles that are in your way of learning.

It could be motivation, time management, lack of a quiet place to work, being unsure of what to do or could be something unrelated to school?

You need to take some time and have a think about what these obstacles could be so that you can try to overcome them to ensure that you are fully prepared for your assessments.



[This won't be popular BUT....

Having your phone out while doing your homework or your revision has been shown to reduce performance by 20%. Even having the phone in your room has been shown to be distracting –so put your phone in another room.

Playing music while revising will make your task harder because any speech-like sounds, even at low volumes, will automatically use up part of the brain's attention capacity.

To Help Prepare for the KS3 Assessments

WHAT to learn



- Use the checklists for each subject to help you divide up your learning over the available time.
- Tick off each part of the list as you complete your work – this will help you to keep track of your progress.

WHEN to learn



- Use the schedule to allocate days that are available for learning.
- Discuss this at home so that everyone is aware of the plan.
- Write on the schedule which subjects can be covered on which days.
- Try to allocate the slots evenly for each subject.
- Remember little and often works better than cramming at the last minute.
- Try to use these next two weeks before the Christmas holidays to work through some of the checklists for each subject.

HOW to learn



- Use your flashcards and other self-quizzing methods to test your learning. This will help you find out what you already know and what you still have to learn.
- You could try and turn the subject checklists into questions; write out your answers on a file page or ask someone to quiz you at home. Use your notes to find out if you have answered correctly and in enough detail.
- Remember you are not starting from scratch; you have already covered all this information in class and you have learnt the material previously for class tests and homework's.

REVISION SESSIONS AT HOME

Organisation is key.

Have an aim for each session e.g., by the end of this session I will have...

Identify what you already know and the parts you need more time on – self testing will help.

Break all topics into do-able chunks and don't just read at this stage but do something active with it – use the ideas in this booklet.

Short bursts of 20-25 mins are more effective. Your concentration will lapse after an hour. Take short breaks.

Find a suitable, quiet place – refuse to be interrupted or distracted.

#youcandothis #trytrytry

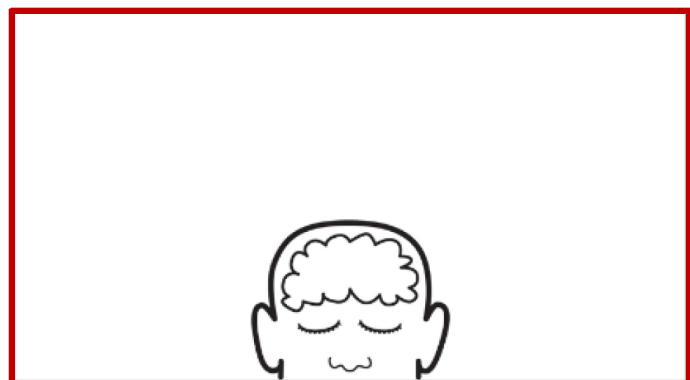
REVISION STRATEGIES

Brain Dump

All that is needed is a sheet of paper and 2 different colours of pens!

1. Take a page - write 'Brain Drop' at the top and beside it a topic you have been studying e.g., World War 2 in history
2. 'Recall' as much information as you can remember about this topic by writing it on the page.
3. AFTER this you should use your notes - fill in information you have forgotten in a different colour of pen. The information in the different colour of pen can be the information that you focus on learning for the next few days.
4. Repeat this activity a few days later and hopefully you will see an increase in the information that you can remember.

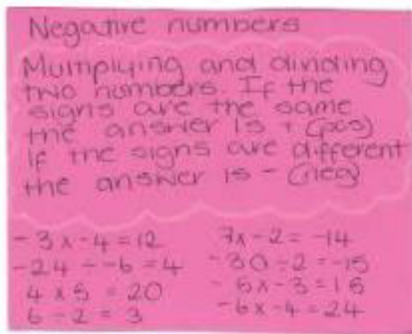
This can be used for almost every subject.



Flash Cards

Writing your class notes in a shorter form either on paper or revision cards or even post it notes.

It can be useful to write down key words, phrases, definitions, or rules you need to learn



Quizzes

We all love a little quiz! A great way to revise is to test yourself. You CAN use your notes to begin.

Firstly, choose a topic to revise e.g., the Ten Commandments in RS or reproduction in biology.

Make yourself a quiz with a separate page containing the answers. There are some multiple-choice quizzes and word searches that you can create online, but a simple pen and paper will work too.

Put the quiz somewhere safe for a week then answer the questions - check your answers.

You could also do this for a friend and vice versa or ask someone at home to create the quiz and for you to answer.

Remember praise yourself both for what you get correct and for the mistakes you make - we learn from making mistakes!

Concept Maps

Sometimes referred to as a mind map and is a visual organisation and representation of knowledge. It shows concepts and ideas and the relationships among them.

You create a concept map by writing key words (sometimes enclosed in shapes such as circles, boxes, triangles, etc.) and then drawing arrows between the ideas that are related.

You can add a short explanation next to the arrow to explain how the concepts are related.

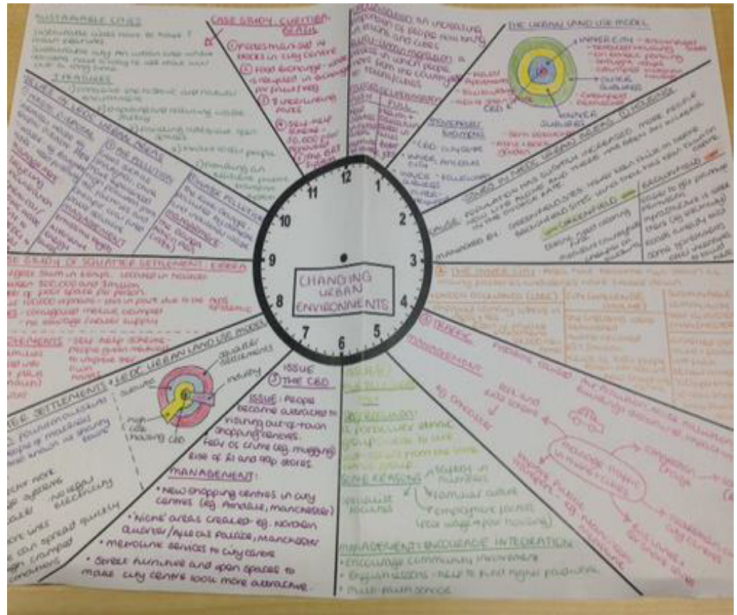


Revision Clocks

A way of revising which can break a topic down into 12 sub-categories.

Make notes in each chunk of the clock.

Revise each slot for 5 minutes, turn the clock over and recite back certain sections of the clock. 'e.g., what was in section 2-3'.



Rhymes

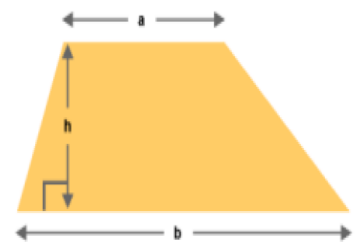
Making up rhymes/songs.

For example, to learn the formula for the area of a trapezium sing the following to the tune of Pop Goes the Weasel

Half the sum of the parallel sides
Times the height between them
That is how you calculate
The area of a trapezium

Trapezium

The area of a trapezium is $\frac{1}{2} \times h \times (a + b)$



Mneumomics

Make up funny words (Mnemonics) where the letters stand for the key words of a topic.

You can record these on KEY FACTS CARDS or in a revision book. e.g., to memorize the names of the planets:

"MY VERY EDUCATED MOTHER JUST SERVED US NACHOS"

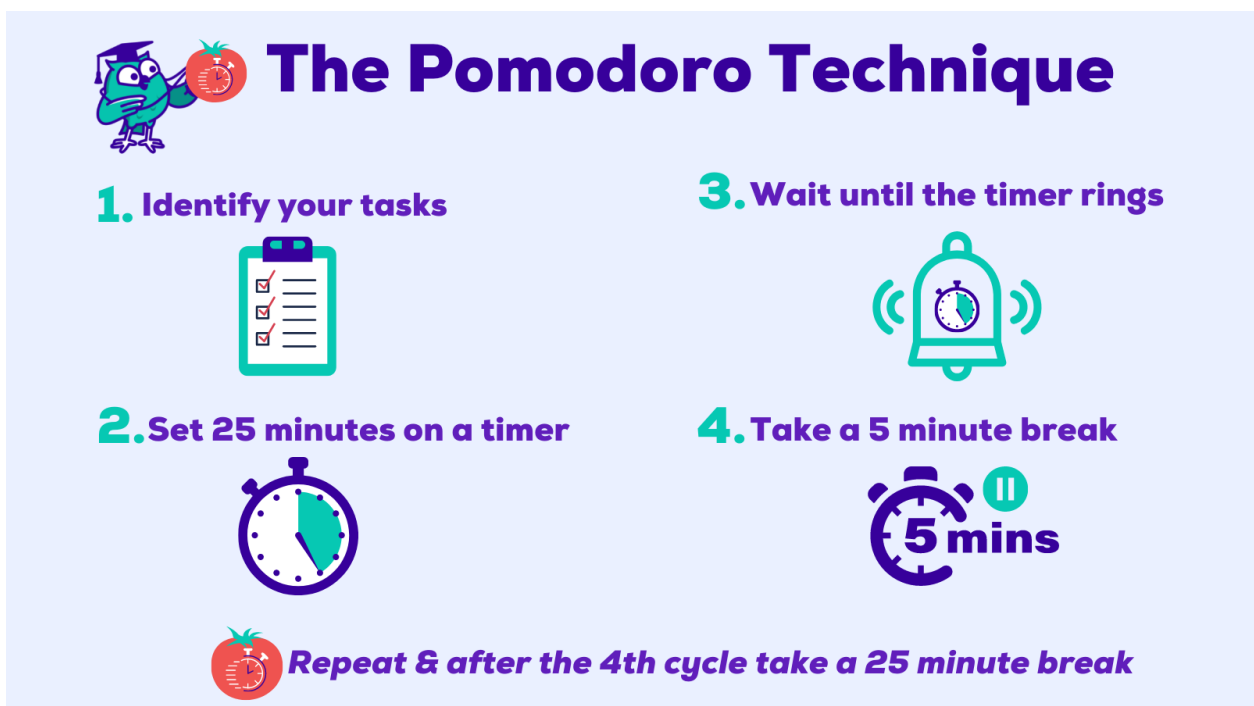
Use the planetary mnemonic where each of the initial letters matches the name of the planets in our solar system (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune).

Revision techniques to try in Year 10





1. **The Pomodoro method** follows a basic pattern of 25 minutes of studying followed by a five-minute break.


If you do four of these in a row you can then have a longer break.

It works because you learn better in short sessions, and you don't have to punish yourself with unbroken hours of revision.



The Pomodoro Technique

- 1. Identify your tasks**

- 2. Set 25 minutes on a timer**

- 3. Wait until the timer rings**

- 4. Take a 5 minute break**


 **Repeat & after the 4th cycle take a 25 minute break**

2. Think and Link

Think - Students write down what they can remember about a topic.

Link - Students will then try to form a link.

This resource is very simple to use and can be used time and time again.

Task: Using the 15 boxes pick out key words, dates etc. Select the pairings and explain how they link.

Now try this with a History topic e.g World War 1

Box 1	Box 2	Link between the two

Time	Monday	Tuesday	Wednesday	Thursday	Friday
4pm					
5pm					
6pm					
7pm					
8pm					
9pm					

Time	Monday	Tuesday	Wednesday	Thursday	Friday
4pm					
5pm					
6pm					
7pm					
8pm					
9pm					

Time	Monday	Tuesday	Wednesday	Thursday	Friday
4pm					
5pm					
6pm					
7pm					
8pm					
9pm					



History Revision

Topic: Slavery			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
What is slavery?			
Why did people support the slave trade?			
The capture of slaves			
The triangle of Slavery			
The Middle Passage			
Slave Auctions			
Life as a slave			
Topic: Civil Rights (10AM, SO, ER, AJ, NW, BN, KN)			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Jim Crow Laws			
Emmett Till			
Brown v Board of Education			
Littlerock			
Rosa Parks			
Martin Luther King			



Geography Revision

Topic: Comprehension Activity			
Success Criteria	Notes	Checked	Rechecked
What is Geography?			
Topic: Resource interpretation			
Success Criteria:	Notes	Checked	Rechecked
Reading graphics			
Topic: Photographic interpretation			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Finding information in photographs and maps			
Topic: Map skills			
Success Criteria:	Notes	Checked	Rechecked
Direction, Map symbols, map reading and using a key			
Topic: Restless Earth			
Success Criteria:			
Structure of the earth			
Convections currents			
Key terms – plates, inner core, outer core, mantle, crust, oceanic crust, continental crust, epicentre, focus, liquefaction, tsunami, supervolcano.			
Three types of rock – igneous, Sedimentary, and metamorphic.			
Types of plate boundaries and how the move.			
Instrument used to measure earthquakes.			
Case study - Earthquake, describe the short and long-term impacts on people and the environment.			
Impacts of Yellowstone supervolcano.			



Maths Revision

Topics in Bold are for those students studying Higher Mathematics.

Topic: Indices			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Laws of indices for multiplying, dividing, brackets, index = 1 or 0			
Fractional indices			
Negative indices			
Topic: Compound Measures			
Speed, Distance, Time			
Density, Mass, Volume			
Force, Pressure, Area			
Topic: Binary			
Convert between binary and decimal numbers			
Topic: Percentages and Finance			
Convert between fractions, decimals and percentages			
Find percentage of an amount			
Percentage increase and decrease			
Write one number as a percentage of another			
Percentage change			
Compound and simple interest			
Reverse percentages			
Topic: Algebra review			
Write and simplify Algebraic expressions			
Algebraic notation			
Use index notation in algebra			
Substitution			
Set up and solve one and two step equations			
Topic: Brackets			
Expand single brackets			

Expand and simplify expressions with brackets			
Multiply two brackets together			
Topic: Linear equations			
Solve equations with: <ul style="list-style-type: none"> • Letter on both sides • Brackets • Fractions 			
Topic: Factorising			
Factorise linear expressions			
Factorise Quadratic Expression			
Difference of two squares			
Topic: Solving Quadratics			
Solve quadratic equations by factorising			
Simplify algebraic fractions			
Use to solve problems			
Topic: Polygons			
Regular and irregular polygons			
Find angle sum			
Calculate interior and exterior angles in polygons			
Calculate the number of sides in a polygon			
Topic: Probability			
Use words to describe probability			
Write the probability of an event as a fraction, decimal or percentage			
Give the probability of an event not happening			
Use sample space diagrams to show all possible outcomes			
Topic: Straight line graphs			
Understand the equation of a line is $y=mx+c$			
Be able to tell the gradient and y-intercept of a line given the equation			
Draw a straight line graph given the equation			
State the point of intersection of two straight line graphs			
Work out the equation for a straight line given two coordinates			
Work out the equation of a straight line given the graph			

Topic: Statistical Diagrams			
Be able to interpret, complete and draw: <ul style="list-style-type: none"> • Stem and leaf • Venn diagrams • Two way tables • Scatter graphs • Pie charts 			
Flow diagrams			
Distance Tables			



RE Revision

Topic: Miracles

Success Criteria:	Notes	Checked	Rechecked
Background information on Jesus and miracles – why etc			
Feeding of the 5,000			
Calming the storm			
The Roman Officer's Servant			
The man with Leprosy			
Jairus Daughter and the woman who touched Jesus cloak			
Miracles today			

Topic: Parables

Success Criteria:	Notes	Checked	Rechecked
Background information on parables			
Parable of the Sower			
Lost sheep			
Lost son - Forgiveness			
Good Samaritan – Love your neighbour			
Are the messages of the parables still relevant today?			

Topic: Choices

Success Criteria:	Notes	Checked	Rechecked
What choices do we make?			
Who/what influences our choices?			
Leisure			
Money / Poverty			
Crime and Punishment			

Topic: A person of Faith – Nicky Cruz / Martin Luther King/ Helen Prejean

Success Criteria:	Notes	Checked	Rechecked
What do Christians believe? How does a Christian behave? What are key Christian beliefs and behaviour shown by the Christian person you studied			
The difficulties of being a Christian in modern society?			



Technology Revision

Topic:			
Success Criteria:	Notes	Checked	Rechecked
Safety Rules and Workshop machine safety			
Softwoods and Hardwoods			
Manufactured Boards			
Wood joints			
Hand tools			
Metals			
Plastics			
One and two point perspective			
Isometric Drawing			



Music Revision

Topic: Recap			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Identify a treble clef, stave, names of notes and length of notes			
Listen and answer questions about the elements of music			
Know what each element means			
Know Italian terms for tempo and dynamics			
Topic: Pop Music			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Identify the styles of rock and roll, disco and dance music			
Identify the key features of each style of pop music			
Identify key musicians from each style of pop music			
Know what a chord is			
Write out the 12 bar blues chords			
Know the order of the sections in verse chorus form			
Identify the main instruments of pop music			
Topic: World Music			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Identify the styles of African drumming, Irish Trad, Brazilian Samba and American Jazz by listening			
Identify the characteristics of African drumming, Irish Trad and Samba			
Know what polyrhythms are			
Identify some of the instruments that play in each style above by listening and what they look like			



English Revision

Topic: Reading			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Use the TEAR structure to respond to a question on an extract taken from a text you have seen.			
Reading for inferences What does inference mean? How can you analyse language for deeper meaning?			
Show an awareness of purpose and audience as well as how context applies to a text.			
Topic: Writing			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Understand the structure of a creative piece of writing.			
A range of literary features to engage and audience in a creative writing piece.			
A range of accurate and sophisticated spelling, punctuation, and grammar.			



French Revision

The Year 10 French summer exams:

- **Speaking test** - conducted by teacher in May before exam week. You will be given 10 questions to prepare answers for in French.
- **Reading exam** - 30 mins - revise the English meanings of the key vocabulary in the topics listed below.
- **Writing exam** - 30 mins - revise the French spelling of the key vocabulary in the topics listed below.

Topic:			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Places in a town you visited (J'ai visité...) and what was it like (C'était...)			
Know how to form the Perfect Tense (regular 'er' verbs)			
Sequencing words (puis, ensuite etc.)			
Saying what you did during your holidays			
Activities at a theme park			
Irregular verbs in Perfect tense (including 'aller')			
Where you went on holiday (countries), who with, how you travelled			
Activities at the Carnaval			
Present tense (er, ir & re verbs)			
Food at a market, phrases, quantities			
Numbers to 100 (50,60 etc)			
Saying what you are going to eat for a special day			
'Some' (Du/de la/des)			
Near future tense (e.g. Je vais manger...)			
TV programmes & opinions (adjectives)			
Technology uses			



Spanish Revision

The Year 10 SPANISH summer exams:

- **Speaking test** - conducted by teacher in May before exam week. You will be given 10 questions to prepare answers for in Spanish.
- **Reading exam** - 30 mins - revise the English meanings of the key Spanish vocabulary in the topics listed below.
- **Writing exam** - 30 mins - revise the Spanish spelling of the key vocabulary in the topics listed below.

Topic:			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Holidays, where went, with who, how you travelled, how was it, when?			
Holiday activities in past tense and sequencers			
Describing your last day on holiday/what it was like			
How you use your mobile phone (present tense)			
Present tense conjugation			
Music you listen to / like and give opinions			
TV – talking about tv programmes / opinions			
Describing your favourite actor / actress and why			
Food and drink items – likes and dislikes			
Discussing what you eat at different mealtimes			
Ordering a meal in a restaurant			
Arranging to go out somewhere – places in a town/ accepting or declining invites			



ICT Revision

Topic: Esafety

Success Criteria: You should be able to:	Notes	Checked	Rechecked
Why is online safety important?			
How can you stay online?			
What advice could you give if someone wasn't feeling safe online?			
What is sexting?			
What does the law say about sexting?			
Why would people sext?			
How can you protect your personal info online?			
What would you do if you didn't feel safe online?			

Topic: Binary

Success Criteria: You should be able to:	Notes	Checked	Rechecked
What is binary?			
What number base is binary, decimal and hexadecimal?			
Order of units of measurement			
What is the decimal system?			
Be able to convert 4 bit binary into decimal e.g. 1001 = 9			
Be able to convert 8 bit binary into decimal e.g. 00100001 = 33			
Be able to convert a given decimal number e.g. 18 into binary			
Be able to convert 4 bit binary into hexadecimal e.g. 1101 = D			
Be able to convert 8 bit binary into hexadecimal e.g. 11110001 = F 1			

Topic: System Architecture

Success Criteria: You should be able to:	Notes	Checked	Rechecked
What does CPU stand for?			
What is the job of the CPU?			
What 3 steps does the CPU follow to process data?			
What can you do to help improve the performance of the CPU?			
What determines the speed of the fetch decode execute cycle?			

If the clock speed of a computer is 30 ghz how many cycles could that computer perform per second?			
What does ISP, URL and DNS stand for?			
Describe what IP address stands for and explain what it is with an example.			
Define software			
Identify the two main categories of software			
What is an operating system?			
Give 2 examples of operating systems?			
Name 2 tasks the operating systems can carry out			
What is the 'Kernal'?			

Topic: Python

Success Criteria: You should be able to:	Notes	Checked	Rechecked
Look over homework booklet- exam questions will be based around lessons 1-3.			

Topic: ESafety (Viruses)

Success Criteria: You should be able to:	Notes	Checked	Rechecked
Be able to match the following terms to the correct definitions: Viruses, Spyware, Worm and Trojan horse.			
Know what the following are: hacking, phishing and trolling.			



Science Revision

Topic:			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Solar System			
Complex Chemical Reactions			
Microbes			
Respiration & exercise			
Periodic table & atoms			
Forces and their effects			

The PowerPoints that were used, revision lists and some video resources are also available on Google Classroom to help in your revision. The code is **nj5k2z2**.

You need to bring a **calculator, pencil** and **ruler** to your exam otherwise you may miss out on marks.



Home Economics Revision

You will be assessed on all theory units 1-5

Topic:			
Success Criteria: You should be able to:	Notes	Checked	Rechecked
Food choices – reasons			
Outlets within the hospitality industry			
Heathy eating messages			
Cooking methods			
Nutrients and their functions			
Cross Contamination, food poisoning and high risk foods			
Hygiene, food and kitchen safety hazards			
Practical skills – knife skills			
Types of pastry			
Types of bread			
Types of vegetarians			
Adapting menus / recipes			
Meal planning			