



MAYVILLE
HIGH SCHOOL

Founded in 1897

Name:

Year: Lower V

Getting organised for school
exams Summer Term 2021

Friday 21st May – Friday 28th May



Useful Revision websites

<https://www.senecalearning.com>

www.bbc.co.uk/revision

www.bbc.co.uk/schools/bitesize

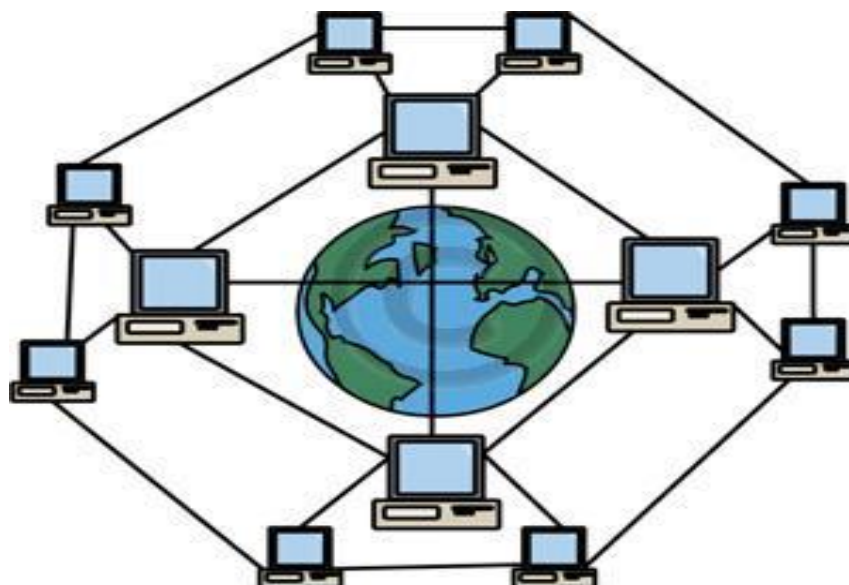
<https://www.dr frostmaths.com/>

<http://www.my-gcsescience.com/>

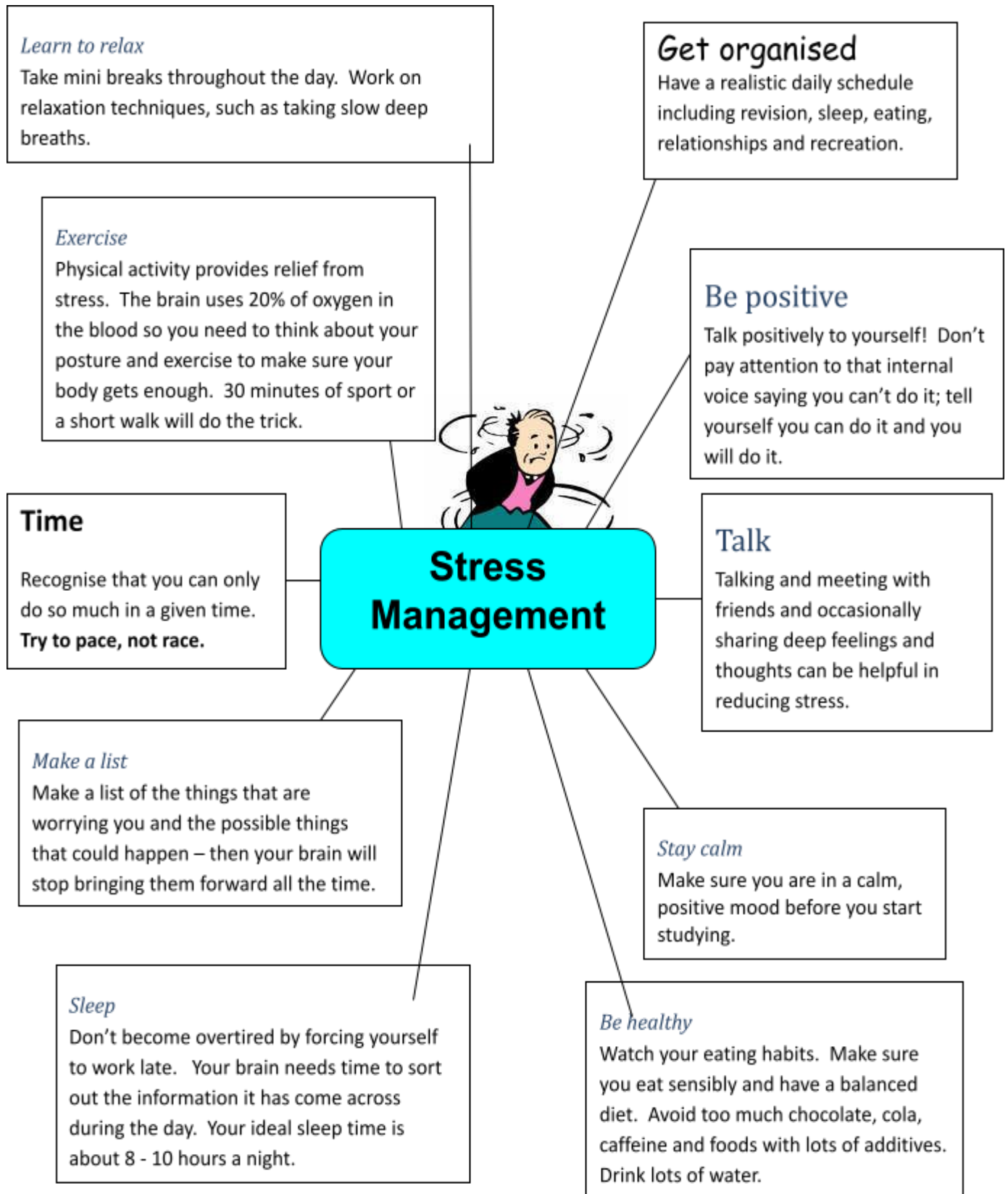
<http://www.teach-ict.com/>

<http://www.corbettmathscom/>

www.mymaths.co.uk



Exams



Remember you can always talk to your Form Tutor, Ms Reid, Mrs Rickards or Mr Morriss if you need any support.

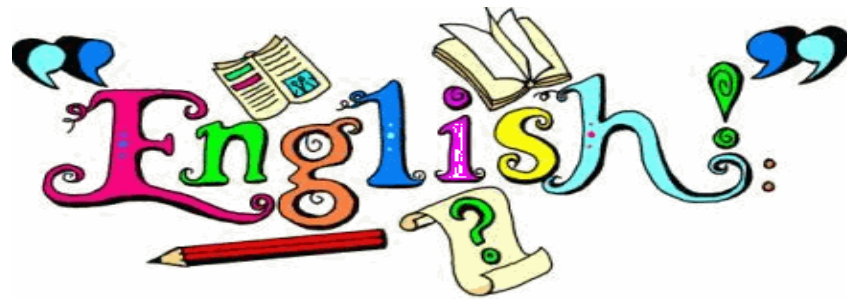
Revision planning sheet for English Language 2021



- Exam Time:** 1 hour 45 minutes
- Equipment needed:** School equipment in pencil case.
- Websites:** BBC GCSE Bitesize English Language has good examples of the type of question you can expect to answer.
- Type of Questions:**
- READING: You will read a short extract from a novel or short story. You will then need to answer four questions based upon the text.
- WRITING: You will be asked to write a description based upon a picture.

Question type:	What do I need to do?
List	Select and write down short, relevant details from the extract.
How does the writer use language?	Choose some good examples of words/short phrases from the extract. Explain what makes these effective. How does it make the reader feel?
How has the writer used structure?	You need to consider the whole text. Think about how ideas are developed from the beginning through to the end. How are sentences and paragraphs constructed? How do these help the reader to follow the main ideas? You could write about the details that the writer chooses to focus on. You could write about the order in which events are described.
To what extent do you agree?	Make a judgement – do you agree or disagree with a given statement. You will need to use short words/phrases from the text to support your ideas.
Write a description/story	You need to plan for this. Try planning by responding to the image with a mind map of the senses. If you are writing a story, plan how you would like your piece to start and finish. How will the main idea develop? You should also plan the structure – what will go into each paragraph? Will you use flashbacks or tell your tale in chronological order?

Revision planning sheet for English Literature 2021



Exam Time: 1 hour 30 minutes

Equipment needed: School equipment in pencil case.

Websites: BBC GCSE Bitesize English Literature has good examples of the type of question you can expect to answer.

Type of Questions:

Section A You will be given a choice of two questions on your Modern Text: *An Inspector Calls*. The questions will either be focussing upon a character or a theme of the play. You must choose one. 30 marks are available for your response, with an additional 4 marks available for technical accuracy.

Section B You will have one question about *A Christmas Carol*. There will be a short, printed extract from the text with a related question. You should analyse the techniques used in the extract and then link the themes/ideas to the text as a whole.

LV MATHEMATICS Revision 2021

Exam Time: 2 Hours plus extra time

Equipment needed: Pen, pencil, ruler, compasses, protractor and scientific calculator.

Resources to Revise: MyMaths

CorbettMaths website

BBC bitesize website

Exercise books

IGCSE revision books/study guides

Class textbooks (do not remove from classrooms)

Remember the best way to revise maths is to work through questions from your exercise books or from any GCSE revision book or website.

What I need to revise

LVG1 (GR) (Higher Tier Paper)

Topic	I can do	I need to revise
Decimals and Rounding		
Fractions		
Compound Measures		
Circle Theorems		
Factors, Multiples and Primes		
Expanding and Factorising		
Solving Linear Equations		
Ratio and Proportion		
Upper and Lower Bounds		
Sets		
Geometry of shapes (angles, etc)		

Percentages		
Indices		
Formula		
Substitution		
Standard Form		
Surds		
Inequalities		

LVB1 (JWIL) (Higher Tier Paper)

Topic	I can do	I need to revise
Decimals and Rounding		
Fractions		
Compound Measures		
Cumulative Frequency		
Factors, Multiples and Primes		
Expanding and Factorising		
Solving Linear Equations		
Ratio and Proportion		
Upper and Lower Bounds		
Sets		
Histograms		
Percentages		
Probability		
Indices		
Averages		
Formula		
Substitution		
Standard Form		
Surds		
Inequalities		

LVG2 (LA) (Foundation Tier Paper)

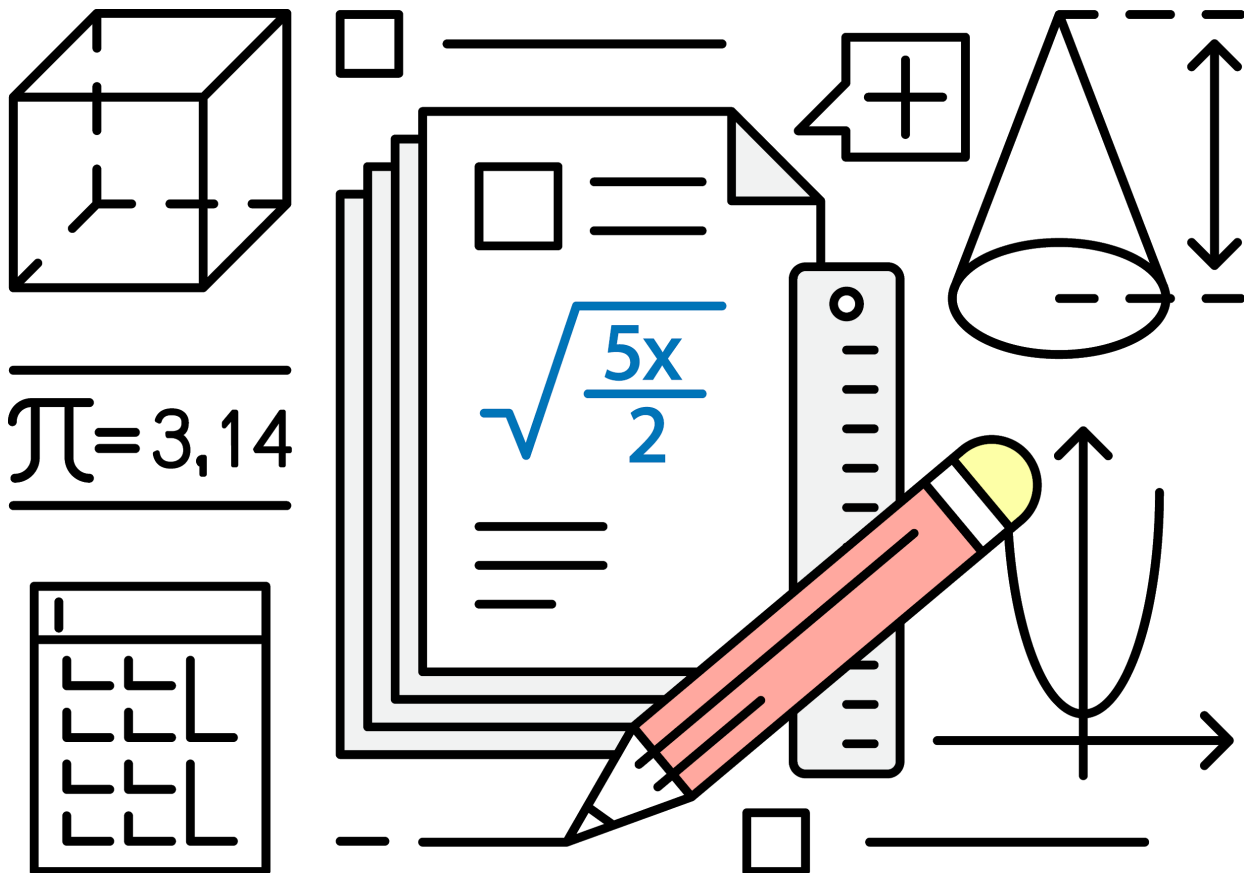
Topic	I can do	I need to revise
Place value		
Decimals and rounding		
Equivalent fractions, decimals and percentages		
Factors, Multiples and Primes		
HCF and LCM		
Powers		
Substitution		
Expanding and Factorising		
Solving linear equations		
Changing the subject of a formula		
Percentages and fraction of amounts		
Compound interest and depreciation		
Ratio and proportion		
Add and subtract fractions and mixed numbers		

LVB2 (JW) (Foundation Tier Paper)

Topic	I can do	I need to revise
Integers and place value <ul style="list-style-type: none"> understand and use integers (positive, negative and zero) understand place value use directed numbers in practical situations order integers use the four rules of addition, subtraction, multiplication and division use brackets and the hierarchy of operations round integers to a given power of 10 		
Decimals <ul style="list-style-type: none"> use decimal notation understand place value order decimals convert a decimal to a fraction or percentage recognise that a terminating decimal is a fraction round to a given number of significant figures or decimal places identify upper and lower bounds where values are given to a degree of accuracy use estimation to evaluate approximations to numerical calculations use a scientific electronic calculator to determine numerical results 		

<p>Special numbers and powers</p> <ul style="list-style-type: none"> • use the terms 'odd', 'even', 'prime numbers', 'factors' and 'multiples' • identify prime factors, common factors and common multiples • identify square numbers and cube numbers • calculate squares, square roots, cubes and cube roots • express integers as product of powers of prime factors • find highest common factors (HCF) and lowest common multiples (LCM) 		
<p>Fractions</p> <ul style="list-style-type: none"> • understand and use equivalent fractions, simplifying a fraction by cancelling common factors • understand and use mixed numbers and vulgar fractions • identify common denominators • order fractions and calculate a given fraction of a given quantity • express a given number as a fraction of another number • convert a fraction to a decimal or percentage 		
<p>Percentages</p> <ul style="list-style-type: none"> • understand that 'percentage' means 'number of parts per 100' • express a given number as a percentage of another number • express a percentage as a fraction and as a decimal • understand the multiplicative nature of percentages as operators • solve simple percentage problems, including percentage increase and decrease • use reverse percentages • use compound interest and depreciation 		
<p>Ratio and proportion</p> <ul style="list-style-type: none"> • use ratio notation, including reduction to its simplest form and its various links to fraction notation • divide a quantity in a given ratio or ratios • use the process of proportionality to evaluate unknown quantities • calculate an unknown quantity from quantities that vary in direct proportion • solve word problems about ratio and proportion • use and apply number in everyday personal, domestic or community life • carry out calculations using standard units of mass, length, area, volume and capacity • understand and carry out calculations using time, and carry out calculations using money, including converting between currencies 		

<p>Arithmetic of fractions</p> <ul style="list-style-type: none"> • use ratio notation, including reduction to its simplest form and its various links to fraction notation • divide a quantity in a given ratio or ratios • use the process of proportionality to evaluate unknown quantities • calculate an unknown quantity from quantities that vary in direct proportion • solve word problems about ratio and proportion • use and apply number in everyday personal, domestic or community life • carry out calculations using standard units of mass, length, area, volume and capacity • understand and carry out calculations using time, and carry out calculations using money, including converting between currencies 		
<p>Sequences</p> <ul style="list-style-type: none"> • generate terms of a sequence using term-to-term and position-to-term definitions of the sequence • find subsequent terms of an integer sequence and the rule for generating it • use linear expressions to describe the nth term of arithmetic sequences 		



LV Science Revision 2021

Exam Time: 3 exams - 1 hour 15 minutes each
for Biology, Chemistry and Physics

Equipment needed: School equipment in pencil case
Plus a scientific calculator

Type of Questions: A mixture of multi choice, extended writing , data analysis, calculations and Working scientifically

Resources to Revise: **Class notes for Biology, Chemistry and Physics**

**Kerboodle digital books - GCSE Combined Science
Trilogy Biology, Chemistry, Physics**

AQA Revision guides



Revision Tips:

Revision cards

Summary bullet points

Mind maps

Labelling diagrams

Learn Key Words

LV Science Revision Topics

Topics to revise	1st	2nd	3rd
Biology Paper 1 Chapters 1-9			
Chemistry Paper 1 Chapters 1-7			
Physics Paper 1 Chapters 1-7			



LV Geography Revision 2021

Length of exam: 1 hour 30 mins + extra time (*the exam is split into two parts, paper 1 (physical) which is 50 minutes & Paper 2 (human) which is 40 minutes*).

Questions: There will be questions on **The Challenge of Natural Hazards, Coastal landscapes in the UK, Resource Management and The Development Gap**. There will be a range of different types of questions, including 6 and 9 mark questions.

Keywords: Use keyword lists to learn the main terms linked to each topic.

Examples/case studies:

- **Paper 1:** Earthquakes (Chile and Nepal), tropical storms (Typhoon Haiyan), extreme weather in the UK (Somerset Levels Floods), Coastal features (Jurassic Coast - Swanage), coastal management (Lyme Regis).
- **Paper 2:** Energy (extracting natural gas in the Amazon, sustainable energy development in Malmo, Sweden and the Chambamontera micro-hydro scheme in Peru).

Below are the topic areas that you need to revise for the exam:

Unit 1: Living with the Physical Environment

Key topic:	What you need to know:	Revised?		
Natural hazards	<ul style="list-style-type: none">- What is a natural hazard?- Types of natural hazard- Factors affecting hazard risk			
Tectonic hazards	<ul style="list-style-type: none">- Plate tectonics theory- Global distribution of earthquakes and volcanic eruptions- Physical processes happening at different types of plate margin that lead to earthquakes and volcanic activity.- Primary and secondary effects of a tectonic hazard.- Immediate and long - term responses to a tectonic hazard.- Use named examples (Chile and Nepal) to show how the effects and responses of a tectonic hazard vary between two areas of contrasting levels of wealth.- Reasons why people continue to live in areas at risk from a tectonic hazard.- How monitoring, prediction, protection and planning can reduce the risks from a tectonic hazard.			
Weather hazards	<ul style="list-style-type: none">- General atmospheric circulation: pressure belts and surface winds- Global distribution of tropical storms- Relationship between atmospheric circulation and tropical storms.- Causes of tropical storms and the sequence of their formation and development.			

	<ul style="list-style-type: none"> - The structure and features of a tropical storm. - How climate change might affect the distribution, frequency and intensity of tropical storms. - Primary and secondary effects of tropical storms. - Immediate and long - term responses to tropical storms. - Typhoon Haiyan - effects and responses - How monitoring, prediction, protection and planning can reduce the effects of tropical storms. - Overview of types of weather hazard experienced in the UK. - Somerset Levels Floods - causes, social, economic and environmental impacts, how management strategies can reduce the risk. - Evidence that weather is becoming more extreme in the UK. 			
Climate change	<ul style="list-style-type: none"> - Evidence from climate change from the beginning of the Quaternary period to the present day. - Natural and human causes of climate change. - Overview of the effects of climate change on people and the environment. - Managing climate change - mitigation and adaptation strategies. 			
Coastal landscapes in the UK	<ul style="list-style-type: none"> - Wave types and their characteristics. - Weathering and mass movement. - Coastal erosion processes. - Coastal erosion landforms. - Coastal depositional landforms. - Coastal landforms at Swanage. - Managing coasts - hard engineering. - Managing coasts - soft engineering. - Managing coasts - managed retreat. - Coastal management at Lyme Regis. 			

Unit 2: Challenges in the Human Environment

Key topic:	What you need to know:	Revised?		
The challenge of resource management + energy management option.	<u>Resource management:</u> <ul style="list-style-type: none"> - The global distribution of resources. - Provision of food in the UK. - Provision of water in the UK. - Provision of energy in the UK. <u>Energy management:</u> <ul style="list-style-type: none"> - Global energy supply and demand. - Impacts of energy security. - Strategies to increase energy supply. - Gas - a nonrenewable resource. - Sustainable energy use. - The Chambamontera micro-hydro scheme. 			

The Development Gap	<ul style="list-style-type: none"> - Our unequal world. - Measuring development. - The Demographic Transition Model. - Changing population structures. - Causes of uneven development. - Uneven development - wealth & health. - Uneven development - migration. 			
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GEOGRAPHY TIPS:

- Draw up new **keyword lists** - go through your notes and pick out all the key terms that you need to know. You may want to create **flashcards**, with all the key terms on, to help you to learn them. Think about whether you can create **mnemonics** and **pictures** to help you to learn keywords. You can then keep your flash cards to use next year too.
- Use **mind mapping** to identify the main elements of the **key examples and case studies**. You must try and learn **key dates, facts and figures** about these examples and case studies. You could also use a **revision clock** to help you to do this (ask me for a sheet).
- Look back at **past questions** to remind yourself of good exam technique. Remember to **BUG** the question and use **PEE** paragraphs when answering questions. Make sure that you use the **3Os** if the question asks you to evaluate. **Practice questions** are useful to use once you have revised a section to test yourself. You could try an re - do some of the questions that you have already completed and have feedback on - look through your notes.
- When revising it has been proven to be more useful to **spread out** your revision over **time** and to **interleave** revision. This means **mixing up topics** so you revise a little bit of several topics in one revision session. This not only makes revision a little more interesting, but has also been **proven** to help with **memory**.
- [Don't forget to use Seneca Learning to help support your revision too.](#)



LV History Revision 2021

- Length of exam:** 1 Hour
- Equipment needed:** Pen and school equipment in pencil case
- Type of questions:** AQA examination questions
- Revision:** Class notes and textbook
- Topics:** **Norman England 1066 - c1100**
- **The Norman Conquest and control**
 - **Life under the Normans**
 - **The Norman Church and monasticism**
 - **Castle Acre Priory**

Revision tips:

You must know the details and be able to fully analyse the topics and sources, but it is equally important that you know how to answer the specific topic question styles. Use the textbook, materials and handouts to help revise.



What I need to revise



The Normans conquest and control	Tick
Causes of the Norman Conquest P. 10 Military aspects P. 18 The Battle of Hastings P. 24 Norman Castles P. 28	
Life under the Normans	
Feudalism and government P. 40 Economic and social change P. 52	
The Norman church and monasticism	
The Church P. 62 Norman Cathedrals P. 68 Monasticism P. 70	

LV RE Revision 2021

Length of exam: 1 hour 30 minutes on examination timetable and one 30 minute paper in lesson time.

Equipment: School equipment in pencil case

Type of questions: There will be **four questions** covering a variety of skills. You need to attempt **all** sections on the paper. **Remember to pace yourself for the longer D questions at the end of each unit. Make simple plans to help shape the longer D questions.**

Component 1 Religious, philosophical and ethical studies in the modern world

Issues of relationships (green section)

Issues of good and evil (blue section) This unit will be assessed in class

Component 2 Christianity (Purple section)

Beliefs and teachings

Practices

In the examination you should aim to spend **30 minutes on each unit.**

Keywords: Use your keyword lists to learn the main terms linked to each of the units

Key teachings: Concentrate on understanding the key ideas and teachings. Below are some suggested topic areas that you might revise for the exam:

Component 1 Issues of Relationships (30 mins.)

Key questions	Examples	Revised		
Define meaning of all the key words in this unit	Adultery, Divorce, ,Commitment, Contraception, Gender equality, Responsibility, Roles, Cohabitation			
The nature and purpose of marriage in the modern world	The importance of vows, roles, chastity, commitment, sacraments			
teachings and attitudes to 1) contraception 2) same sex relationships	Revise the teachings from different denominations.			
Do you understand the 4 types of questions you will have in each unit?	Definition question (2 marks) describe (5 marks) explain (8 marks) discuss a statement (15 marks)			

Component 1 Issues of good and evil
set in lesson time. (30 mins.)

This part of your assessment will be

Key QUESTIONS	Examples	Revised		
Why is forgiveness important?	Which teachings support the importance of forgiveness from two religions viewpoints			
How do we make moral decisions?	Be able to identify factors in the process.			
What are the religious attitudes to punishment and justice?	Be able to offer a viewpoint from two religious traditions on the death penalty.			
What is the purpose of punishment?	What are the teachings?			

Component 2 Christianity : Beliefs and teachings (30 mins.)
Practices (30 mins)

Key topic QUESTIONS	Examples	Revised		
Define the key concept words in this unit,	omnibenevolent,omnipotent, Trinity,incarnation,Atonement,Resurrection ,Sacraments, Evangelism ,mission			
The names for God in Christianity	Be able to explain the purpose of the Trinity, omnipotent, omnibenevolent, omniscient, transcendent, omnipresent			
The importance of how a Christian puts their faith into action	Be able to offer a description of the work of Christian charities like Tearfund			
The role of Jesus for Christians	Key ideas: Incarnation, salvation, atonement, resurrection, crucifixion, ascension			
Be able to explain the importance of the sacraments in worship	Be able to show the diversity of religious practice in baptism			
Be able to describe and explain the afterlife	Be able to use Biblical references to show understanding of eschatological beliefs e.g judgement-Matthew 25:1-46 heaven/hell Luke 16:19-1			
Be familiar with statistics reflecting religious affiliation	Explore the role of Christianity in the U.K. Be able to describe the way in which the church and state are linked in Britain.			

TIPS:

- Draw up new **keyword lists** or use the ones already in your notes.
- Use **mind mapping** to identify the main elements of the **content**.
- Look back at the first **section of your text** to remind yourself of types of exam questions. Keep **building up** your revision **cue cards**.
- For higher grades you should learn some key phrases or quotes for each unit.
- Access the video /clips used in lessons in Google classroom.
- Use additional revision booklets and sheets.

French revision 2021

Exam Time: You will sit either foundation or higher tier.

Foundation listening: 35 mins (in class) Higher listening: 45 mins (in class)

Foundation Reading: 45 mins Higher Reading: 1 hour

Foundation Writing: 1 hour Higher Writing: 1 hour 15 minutes

Your speaking exam will last approximately 25 minutes.

Equipment needed: School equipment in pencil case

Listening and Reading Exams:

The exams will consist of a range of questions types, requiring non-verbal responses or answers in English and French. The reading exam includes a short translation from French to English.

Writing Exam:

The **Foundation Tier** exam will consist of 4 tasks:

Task 1: Describe a photo

Task 2: A short writing of 40 words.

Task 3: A short translation task from English to Spanish.

task 4: A short writing of 90 words

The **Higher Tier** exam will consist of 3 tasks:

Task 1: A short writing of 90 words.

Task 2: A long writing of 150 words.

Task 3: A short translation task from English to Spanish.

Speaking Exam:

You will have three tasks to complete:

Task 1: Role-play

Task 2: Photo card

Task 3: General conversation (all of theme 1 and theme 2 covered so far)

Resources to Revise: [GCSE vocabulary booklet](#), [writing mats](#), [French folder](#).

Revision Tips: Practise spellings thoroughly, especially tenses/verbs using your writing mats. Memorise how to spell in French a range of opinions and complex structure, using your writing mats. Thoroughly learn/revise vocabulary from French to English, using your GCSE vocabulary booklet. Try to predict what you could be asked to write about. Thoroughly practise theme one and theme 2 topics covered so far for the speaking. You could make topic based revision cards.

Topics to revise:

You will need to revise all vocabulary covered so far in your GCSE vocabulary booklet.

You will need to be able to speak and write about the topics below.

You will need to revise/memorise how to spell in French key verbs in the different tenses, a range of opinions and complex structures, using your writing mats and French folder.

	I know this very well	I'm not sure about this	I don't know this
Theme 1: Identity and culture			
Topic 1: Me, my family and friends			
Yourself, family members and friends			
Relationships with family and friends			
Marriage/partnership			
Topic 2: Technology in everyday life			
Your mobile phone			
Your present, past and future use of social media and mobile technology			
Positive and negative aspects of social media and new technologies			
Future technologies			
Topic 3: Free time activities			
Music, Cinema/films, TV and reading			

Sports and hobbies			
Clothes and fashion			
Food and eating out			
Topic 4: Customs and festivals			
Daily routine			
Customs and celebrations			
French festivals			
A usual/recent/future celebration/special event			
Theme 2: Local, national, international and global areas of interest			
Topic 1: Home, town, neighbourhood and region			
Your town and region			
Your home			
Topic 2: Social Issues			
Charity/Voluntary work			
Healthy/unhealthy living			
Topic 3: Global Issues			
The environment			
Poverty/homelessness			
Grammar/vocabulary			
Revise key verbs in the different tenses, key words, a range of opinions and complex structures, using your writing mats.			

German revision 2021

Exam Time:	Listening =	45 minutes (in class)
	Reading =	60 minutes
	Writing Exam =	1hour 15 minutes
	Speaking =	25 minutes
Equipment needed:		School equipment in pencil case

Listening and Reading Exams:

The exams will consist of a range of questions types, requiring non-verbal responses or answers in English and German. The reading exam includes a short translation from German to English.

Writing Exam:

The exam will consist of 3 tasks:

Task 1: A short writing of 90 words.

Task 2: A long writing of 150 words.

Task 3: A short translation task from English to German.

Speaking Exam:

You will have three tasks to complete:

Task 1: Role-play

Task 2: Photo card

Task 3: General conversation (all of theme 1 and theme 2 covered so far)

Resources to Revise: [vocabulary folder](#), [revision guide book](#), www.linguascope.com, senecalearning.com, [ActiveLearn](#)

Revision Tips: Flashcards/practise spellings thoroughly, especially tenses/verbs. Try to predict what you could be asked to write about. Learn theme one and beginning of theme 2 for the speaking. Revise all vocabulary from German to English thoroughly.

Topics to revise:

	I know this very well	I'm not sure about this	I don't know this
Me, my family and friends			
Yourself (physically and personality)			
Family description			
Relationships (friendship and marriage)			
School			
Opinions on lessons			
German school system			
School building, rules and uniform			
Free time activities			
Revised sports, TV, cinema, music, hobbies.			
What you do/used to do/did/are going to do in your free time			
Clothes			
Food and drink			
Customs and festivals			
Customs and celebrations			
German festivals			
A usual/past/future birthday/Christmas			
Home and town			
Describing your town/area (positive and negative aspects)			
Describing your home			
Describing your bedroom			
Describing your ideal home/where you would like to live			
Grammar			
Revised key verbs in the different tenses and key words			

LV SPANISH Revision 2021

Exam Time:

	Foundation	Higher
Listening (in class)	35 mins	45 mins
Reading	45 mins	1 hour
Writing Exam	1 hour	1 hour 15 mins
Speaking	25 mins	25 mins

Equipment needed: School equipment in pencil case

Listening and Reading Exams: The exams will consist of a range of questions types, requiring non-verbal responses or answers in English and Spanish. The reading exam includes a short translation from Spanish to English.

Writing Exam:

The Foundation exam will consist of 4 tasks:

Task 1: Describe a photo

Task 2: A short writing of 40 words.

Task 3: A short translation task from English to Spanish.

task 4: A short writing of 90 words

The Higher exam will consist of 3 tasks:

Task 1: A short writing of 90 words.

Task 2: A long writing of 150 words.

Task 3: A short translation task from English to Spanish.

Speaking Exam:

You will have three tasks to complete:

Task 1: Role-play

Task 2: Photo card

Task 3: General conversation

Resources to Revise: www.linguascope.com

<https://pearsonactivelearn.com>

BBC Bitesize - GCSE Spanish

Vocabulary, exercise book and topic questions

Revision Tips: Don't panic, prepare well and try your best.

Revise basic vocabulary: numbers/days of the week etc

Check if you understand and can answer in Spanish, the list of questions from each topic.

Topics to revise:	I know this very well	I'm not sure about this	I don't know this
Me, my family and friends			
Describe yourself			
Describe your family			
Talk about relationships			
Technology in everyday life			
Talk about social media			
Talk about mobile phones and tablets			
Travel and tourism			
Describe a holiday past and future			
My studies/Life at school/college			
Describe your school			
Talk about subjects you study past/present and future			
Grammar			
Present, preterite, imperfect, immediate future and future tense			
Understanding and using formal and informal language			
Ser and estar uses			
Reflexive verbs			
Question words			

Lower V Business 2021 (OCR)

Learners will take one 90 min paper for the following areas:

- **Business activity**
- **Marketing**
- **People**

The main focus for LV exams will be in the following areas:

1. Business activity

- 1.1 The role of business enterprise and entrepreneurship
- 1.2 Business planning
- 1.3 Business ownership
- 1.4 Business aims and objectives
- 1.5 Stakeholders in business
- 1.6 Business growth

2. Marketing

- 2.1 The role of marketing
- 2.2 Market research
- 2.3 Market segmentation
- 2.4 The marketing mix

3. People

- 3.1 The role of human resources
- 3.2 Organisational structures and different ways of working
- 3.3 Communication in business
- 3.4 Recruitment and selection
- 3.5 Motivation and retention
- 3.6 Training and develop

Pupils will be given keywords to learn during revision lessons prior to the exam

LV Computer Science Revision 2021 (OCR)

Exam Time:	90 minutes
Equipment needed:	School equipment in pencil case
Type of Questions:	A mixture of multiple choice, short answer, and explain/describe using extended writing. Part of a GCSE Paper adjusted for topics that have not been covered.
Resources to Revise:	The course is available online via the pupil login via Cambridge Elevate and as a printed textbook. Pupils also have a CGP GCSE OCR Computer Science Exam practice workbook, a CGP GCSE Computer Science Revision Guide and a folder of completed exercises.

Pupils should learn keywords and their meanings.

Revision Tips:



Make revision cards
Summary bullet points
Mind maps
Learn Key Words



Lower V Computer Science Revision Topics

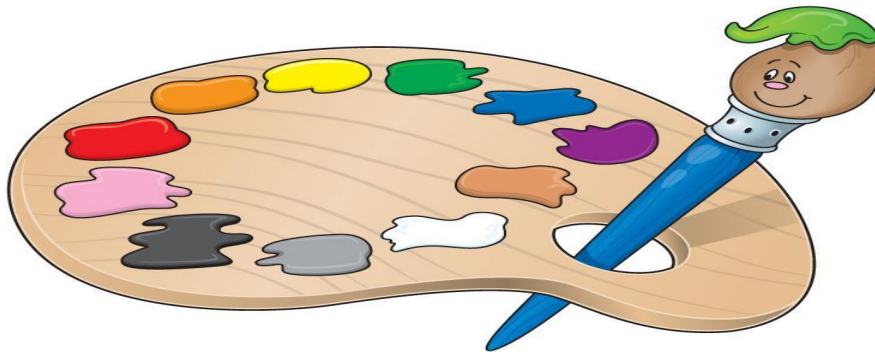
Computer Systems and Computational Thinking, Algorithms and Programming

- Chapter 1 Algorithms
- Chapter 2 Iteration
- Chapter 3 Boolean Logic
- Chapter 4 Data Types and Structures

- Chapter 8 Binary and Hexadecimal (If completed)
- Chapter 9 Binary Representation (If completed)

- Chapter 11 Computer systems: hardware
- Chapter 12 Computer systems: system software
- Chapter 13 Networks
- Chapter 14 System security
- Chapter 15 Ethical, Legal, Cultural and Environmental concerns.

LV Art Revision 2021

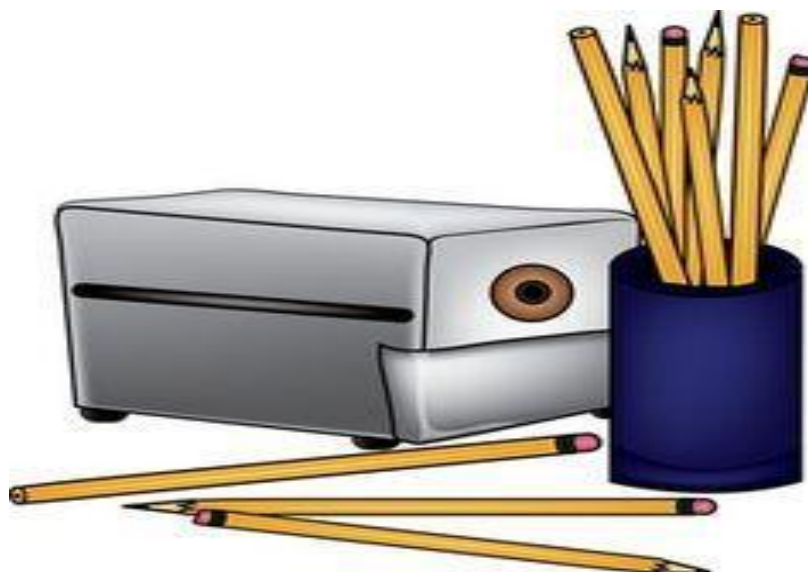


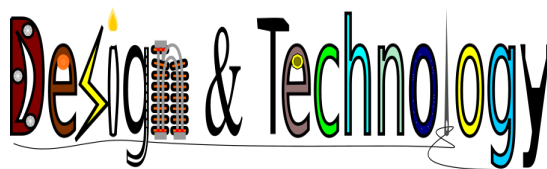
Exam time: 1.5 hour (a double period)

Equipment needed: Pencils for drawing, graphite range if possible or a graphite pencil. A sharpener and a rubber. No equipment is to be shared during the exam.

Type of Question: You will be set an observational drawing task. Each of you will be given individual items of a similar nature.

Revision: You are not required to revise for this test but it will be used as coursework after and is set with exam conditions.





Design and Technology - Textiles 2021

Length of exam: 2 Hours

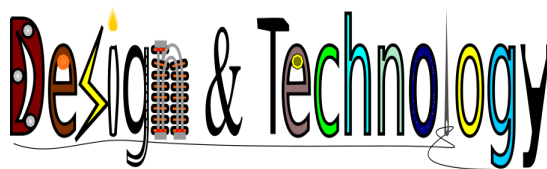
Equipment needed: Pencil case, pen and ruler.

Type of questions: Multiple choice, design and written questions.

What I need to revise: CGP GCSE AQA DESIGN AND TECHNOLOGY

Core principles	Sub sections	Tick
Section 1: New and emerging technologies	Industry and enterprise	
	Sustainability and the environment	
	People, culture and society	
	Production techniques and systems	
	Informing design decisions	
Section 2: Specialist technical principles Textiles 5E	Sources, origins and properties	
	Working with Textile based materials. Section 5E.	
	Commercial manufacturing, surface finishes and treatments	
Section 3: Design and making principles	Key words Specification User Aesthetic Ergonomics. Isometric drawing	

Revision tips: Practice questions can be found at the back of your revision book and on google classroom.



Design and Technology - Timbers 2021

Length of exam:	2 Hours
Equipment needed:	Pencil case, pen and ruler.
Type of questions:	Multiple choice, design and written questions.
What I need to revise:	CGP GCSE AQA DESIGN AND TECHNOLOGY

Core principles	Sub sections	Tick
Section 1: New and emerging technologies	Industry and enterprise	
	Sustainability and the environment	
	People, culture and society	
	Production techniques and systems	
	Informing design decisions	
Section 2: Specialist technical principles Timber based materials	Timber based materials: Sources, origins and properties	
	Working with timber based materials. Section 5B	
	Commercial manufacturing, surface finishes and treatments	
Section 3: Design and making principles	Key words: Specification User Aesthetic Ergonomics. Isometric drawing	

Revision tips: Practice questions can be found at the back of your textbook and on google classroom.

LV Drama Revision 2019



Exam time:	1 hour
Equipment needed:	School equipment in pencil case
Type of Questions:	Section A is on An Inspector Calls
Revision:	Class notes and previous work on 'An Inspector Calls' your copy of 'An Inspector Calls'
Revision tips:	Re-read an Inspector Calls, remind yourself of all of the performance techniques in the terminology glossary and use revision tools such as cards, post it notes, spider diagrams etc.

What's in the exam?

The exam is split into two sections:

Section A: Bringing the text to life

All of the questions in this section will be about An Inspector Calls. They will always follow the same format:

Question:	Areas to revise:
a. There are specific choices in this extract for performers . <i>There will be two questions to do with how you would <u>perform</u> the extract. The first is worth 4 marks and the second is worth 6.</i>	Think about how you would play the characters in the key moments of the play. Be ready to talk about any of the following elements: <ul style="list-style-type: none">- Vocal skills- Performance skills- Physical skills <i>Top Tip:</i> When you re-read the play, make notes on how you would perform each role in key sections.
b. There are specific choices in this extract for a director . <i>There will be two questions to do with how you would <u>direct</u> the extract. The first is worth 9 marks and the second is worth 12.</i>	You will be asked to explain how you would use one of the following production elements to enhance your performance: <ul style="list-style-type: none">- Costume- Staging- Props/stage furniture You will also be asked how you would direct a performer, considering the following: <ul style="list-style-type: none">- Voice- Physicality- Stage directions and stage space <i>Top Tip:</i> Remember, use the stage directions!
c. There are specific choices in this extract for designers . <i>There's just one question in this section, and it's worth 14 marks.</i>	You will be asked to choose from one of the following elements to discuss: <ul style="list-style-type: none">- Set- Lighting- Sound <i>Top Tip:</i> As you re-read the play, draw some sketches to help you visualise your ideas. You cannot draw diagrams in the exam, but doing this while revising will help you picture it.

Lower V Physical Education Revision 2021

Length of exam:	1 hour 15 Minutes
Equipment needed:	Pen and school equipment in pencil case
Type of questions:	AQA PE examination is split in two sections: 7 x multiple choice questions A selection of short answer questions 2 x extended answer questions

Some questions require you to draw or label diagrams. You will also be required to interpret and use data to answer some questions.

Revision:	Class notes, homework spider diagrams, textbooks and BBC Bitesize
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Paper 1 content:

Applied anatomy and physiology

- Knowledge of the bones. Correlate knowledge with location (joint). Correlate to muscles that move the bones
- Muscles of the body
- Structure and functions of the skeleton
- Structure of a synovial joint. Apply their function to practical examples, eg kick a ball
- Types of freely movable joints that allow different movements. Identification of the types of joints with reference to the following: elbow, knee and ankle – hinge joint. hip and shoulder – ball and socket. Apply this knowledge to varying sporting skills
- Understand that the following types of movement are linked to the appropriate joint type: flexion/extension at the shoulder, elbow, hip and knee. abduction/adduction at the shoulder. rotation of the shoulder. plantar flexion/dorsiflexion at the ankle
- How the major muscles and muscle groups of the body work antagonistically on the major joints of the skeleton to affect movement in physical activity at the major movable joints.
- Pathway of air/gaseous exchange at the alveoli
- Blood vessels - structure of arteries, capillaries and veins

- Structure of the heart/cardiac cycle and the pathway of blood
- Cardiac output and stroke volume
- Mechanics of breathing - the interaction of the intercostal muscles, ribs and diaphragm in breathing
- Interpretation of a spirometry trace
- Understand the terms aerobic and anaerobic exercise and be able to give practical examples of differing intensities
- EPOC - excess post exercise oxygen consumption
- The recovery process from vigorous exercise
- The immediate, short and long term effects of exercise

Physical Training

- Health and fitness - definitions and the relationship between the two
- The components of fitness
- Linking sports and physical activity to the required components of fitness
- Fitness testing and the reasons and limitations of fitness testing
- Demonstrating how data is collected for fitness testing
- The principles of training (S.P.O.R.T. and overload F.I.T.T)
- The application of the principles of training
- Types of training (circuit, fartlek, interval etc)
- Safety principles when training
- High altitude training
- The three training seasons
- Warming up and cooling down



NCFE Health and Fitness Revision 2021

Length of exam:	1 hour
Equipment needed:	Pen and school equipment in pencil case
Type of questions:	NCFE Examination is split into 3 sections 10 x multiple choice questions A selection of short answer questions 1 x extended answer questions

Some questions require you to draw or label diagrams. You will also be required to interpret and use data to answer some questions.

Revision: Workbook, NCFE Text Book, Class notes, homework spider diagrams, textbooks and BBC Bitesize

Paper content:

Applied anatomy and physiology

- Knowledge of the bones. Correlate knowledge with location (joint). Correlate to muscles that move the bones
- Muscles of the body
- Structure and functions of the skeleton
- Structure of a synovial joint. Apply their function to practical examples, eg kick a ball
- Types of freely movable joints that allow different movements. Identification of the types of joints with reference to the following: elbow, knee and ankle – hinge joint. hip and shoulder – ball and socket. Apply this knowledge to varying sporting skills
- Understand that the following types of movement are linked to the appropriate joint type: flexion/extension at the shoulder, elbow, hip and knee. abduction/adduction at the shoulder. rotation of the shoulder. plantar flexion/dorsiflexion at the ankle
- How the major muscles and muscle groups of the body work antagonistically on the major joints of the skeleton to affect movement in physical activity at the major movable joints.
- Pathway of air/gaseous exchange at the alveoli
- Blood vessels - structure of arteries, capillaries and veins
- Structure of the heart/cardiac cycle and the pathway of blood
- Cardiac output and stroke volume and Blood Pressure

- Mechanics of breathing - the interaction of the intercostal muscles, ribs and diaphragm in breathing
- The immediate, short and long term effects of exercise

Physical Training

- Health and fitness - definitions and the relationship between the two
- The components of fitness
- Linking sports and physical activity to the required components of fitness
- Fitness testing and the reasons and limitations of fitness testing
- The principles of training (S.P.OR.T. and overload F.I.T.T)



LV STATISTICS REVISION 2021

Exam Time: 45 minutes plus extra time

Equipment needed: Pen, pencil, ruler, compasses, protractor and scientific calculator.

Resources to Revise: MyMaths

Maths Genie Statistics website

Exercise books

GCSE Statistics revision books/study guides

Class textbooks (do not remove from classrooms)

Remember the best way to revise maths is to work through questions from your exercise books or from any GCSE revision book or website.

What I need to revise

Topic	I can do	I need to revise
Sampling techniques		
Representing data		
Histograms		
Cumulative frequency charts		
Averages, including moving averages		
Measures of dispersion		
Skew		
Time series		
Seasonal variation		
Comparing sets of data		

EoY Exam Procedure Pupils 2021

1. Exams held in the DYC you need to line up outside in the car park before the exam in alphabetical order in class groups
2. Anyone using a laptop should go to a desk with a laptop
3. The seats should be filled in a snake formation, front to back on the first row, and then from the back to front on the second row etc
4. There should be absolute silence as soon as you enter the examination room. You must not communicate or look around the room at any time, except if you want to talk to a member of staff

No mobile phones or watches. Calculators to be reset, clear plastic pencil case and clear water bottles only.

5. You must be fully equipped and **take with you to every exam some revision material for a future exam** as you will often remain in the hall/classroom after the exam has finished
6. You must ensure you have the correct exam paper and ask any questions if you are unsure
7. Everyone must use the set time for the exam paper and any extra time allocated
8. **Extra time should be completed in a different colour pen and write on the front how much extra time you needed and what you did during the extra time**
9. When the exam paper has been collected in, quiet revision can be started
Pupils using a laptop must save their work to the memory stick in their named folder or print it.
10. Exams held in classrooms will follow the same procedure except you need to come to the allocated room and the teacher will tell you where to sit
11. During study lessons in classrooms or when the exam has finished, quiet individual revision should be completed for half the lesson/time. For the second half of the lesson/time, paired revision can be completed at the discretion of the member of staff covering the session
12. Use your revision guides to plan your revision during study time and when exams have finished during a session

LV EoY Exam Timetable 2021

Day	Session 1	Session 2	Session 3
Friday 21st May	(40) English Language 0900-1100	Normal lessons	(17) Business 1330-1530 Normal lessons
Monday 24th May	(12) DT Timbers & Textiles 0900-1130 (5) French Reading & Writing 0900-1130 (5) RE 0900-1100 Study x 2	(5) French Speaking (P4) (8) Spanish Speaking (P4) Study/Normal	(40) Biology 1350-1525
Tuesday 25th May	(40) Maths 0900-1130	(4) Dance lesson (P4) (3) German Speaking (P4) (8) Spanish Speaking (P4) Study/Normal	(15) Geography 1330-1530 Study/Normal
Wednesday 26th May	(8) Spanish Reading & Writing 0900-1130 (5) Statistics 0900-1110 (7) Drama 0900-1015 Study x 2	Study/Normal	(40) Chemistry 1350-1525
Thursday 27th May	(11) Art 0900-1200 (6) Computer Science 0900-1100 (3) German Reading & Writing 0900-1130 (8) Level 2 PE 0900-1015 Study x 1	(5) French Speaking (P4) (8) Spanish Speaking (P4) (7) Music lesson (P4) Study x 2	(40) Physics 1350-1525
Friday 28th May	(15) History 0900-1015 Study/Normal	(11) GCSE PE 1115-1250 (4) Dance lesson (3&4) Study/Normal	(40) English Literature 1330-1530

- Most exams to be held in the Dockyard Club
- Revision/study material for future exams should be taken with you to all exams to use when you have finished the paper in the set time
- Any pupil who does not take a subject will complete study time
- Study time will be completed in silence for half of the time and then at the discretion of the teacher paired revision may be allowed
- Up to 25% extra time may be given to eligible pupils

The science of revision: nine ways pupils can revise for exams more effectively

Before you do any revision

1. Eat breakfast

It is estimated that around 27% of boys and 39% of girls [skip breakfast some or all of the time](#). It's not called the most important meal of the day for nothing: research and their ability to recall information. Simply having a bowl of cereal will give students the concentration and memory boost they need.

2. Put your phone away

This should be an obvious one, but for many it isn't. Phones can be distracting; they are [linked to fomo](#) (fear of missing out), and evidence shows that [undergraduate students who spend more time texting and using social media get lower grades](#). In another fascinating study, [researchers found that the mere sight of a phone was enough to reduce a person's ability to focus](#). The implication couldn't be clearer: out of sight really is out of mind.

During revision sessions

3. Start early and spread it out

Actors don't leave their rehearsals until the day before opening night. Athletes don't only train the day before a match. To commit something to memory takes time. Spreading out your revision sessions on a particular topic (eg one-hour sessions over 10 days) is more effective than spending the same amount of time in one go (ie 10 hours in one day). This effect, known as "spacing", helps because it allows time in between revision sessions to forget and re-learn the material. This strategy has been labelled as ["one of the most robust across the entire history of experimental research on learning and memory"](#)

4. Test yourself

Leading researchers in the field of memory consider [testing yourself as one of the most effective ways to improve your ability to recall information](#) (pdf). Testing yourself also helps you check for any gaps in your knowledge. Practice papers provide a good starting point, as well as quizzing yourself at the end of your revision session.

5. Teach someone

After you have tested yourself, teach the material to someone else. This has been

found to help aid memory and recall: it is known as [“the Protégé Effect”](#). Teaching someone else requires you to learn and organise your knowledge in a clear and structured manner.

6. Think twice about using highlighters

Despite being the favourite weapon of many students tackling revision, [research suggests they don't work very well](#). People learn and recall information better if they connect it to other pieces of information. Highlighters don't do this, they isolate single pieces of information. Quite often, students end up highlighting whole chunks and passages of text, which can give the appearance of having worked hard, but is of little value.

7. Don't listen to music

Parents around the world rejoice: you now have a legitimate reason to insist that your child stops listening to Justin Bieber on repeat. [Students who study in a quiet environment can recall more than those who revise while listening to music](#). [Extroverts](#), and those with an exceptional ability to [control their attention](#), are not negatively affected as much: but it doesn't help. At best, for these students, it just doesn't hinder them as much as everyone else.

8. Get some fresh air and exercise

You cannot work all day, every day. Nor should you. Revision has to be about quality, as well as quantity. Going outside and getting some fresh air helps people feel. Furthermore, doing a little bit of exercise helps people deal better with [stressful situations: it reduces anxiety and increases self-esteem](#).

9. Sleep

Students are encouraged to work hard and revise a lot before their exams: however, there comes a time when they need to stop and go to sleep. Knowing when can be tricky. There is a link between being a [perfectionist and struggling to sleep](#). If a child is falling asleep within five minutes of their head hitting the pillow, they should probably be going to bed earlier. Other sleep tips include [having regular bedtimes](#), [not being on your mobile phone in bed](#), but if you are, [turning down the backlight on it](#).

As research into psychology continues to develop, we learn more and more about how best to help students learn. Revision time can be challenging as it often requires students to monitor their own behaviour when working independently at home. Hopefully, by teaching them about what helps improve their memory, mood and concentration, we can better equip them to meet the challenges head on.

LV Revision Timetable 2021

Week Beginning	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
19th April							
26th April							
3rd May							
10th May							
17th May					English Language Business		
24th May	DT - Timbers & Textiles French Reading & Writing RE French & Spanish Speaking Biology	Maths Dance German & Spanish Speaking Geography	Spanish Reading & Writing Statistics Drama Chemistry	Art Computer Science Level 2 PE German Reading & Writing French & spanish Speaking Music Lesson Physics	History GCSE PE Dance Lesson English Literature		

The Revision Timetable should be used to plan revision leading up to the exams.