

CRAIGAVON SENIOR HIGH SCHOOL



REVISION GUIDE

2017-2018

YEAR 12 – CHILD DEVELOPMENT

Exam structure: 1 hour mock exam

Topics to revise: Units 1 - 5

- Unit 1 Planning a Family
- Unit 2 Pregnancy
- Unit 3 Antenatal Care
- Unit 4 Birth
- Unit 5 The New-born Baby

All theory work covered over year 11 and 12 should be revised in preparation for mock exam.

YEAR 12 – HOME ECONOMICS

Exam structure: 1½ hour exam covering all theory covered this year and last year

Topics to revise: Units 1 – 5

- Introduction to Healthy Eating
- Food Hygiene
- Nutrients
- Diet Related Health
- Shopping

All theory work covered over year 11 and 12 should be revised in preparation for mock exam.

YEAR 11 – INFORMATION AND CREATIVE TECHNOLOGY

Year 11 Mock Exam

Exam structure: 1 hour paper based exam

Topics to revise: Revision guide has been given to all students
Unit 1 The Online World

Year 11 BTEC Exam (ACTUAL) 25% of final grade

Date: Wednesday 10th January 2018

Exam structure: 1 hour exam – computer based exam

YEAR 12 – INFORMATION AND CREATIVE TECHNOLOGY

Exam structure: 1 hour exam

Topics to revise:

- Spreadsheets
- Macro
- Multimedia
- Security Measures
- File Formats
- Database
- Website

YEAR 11 – FRENCH

Exam structure: Reading, listening and writing exam

Topics to revise:

- Self, family and friends
- Free time and leisure
- Occupations
- Free time and leisure
- Arranging to go out
- TV programmes
- House and home

YEAR 12 – FRENCH

Exam structure: Pupils will be sitting a reading and a listening exam

As with their GCSE exam in May, they need to have a good knowledge of the vocabulary and grammatical structures inherent in the following GCSE topics.

Topics to revise:

- Self, family and friends
- Occupations
- Part time job and pocket money
- Work experience
- Free time and leisure
- School
- House and home
- Home town and local area
- Holidays and travel
- Health and healthy lifestyle
- Being unwell
- Arranging to go out
- Shops and shopping
- Food and eating out
- Caring for the environment/social issues
- Special celebrations
- Future plans; marriage and children

They should be familiar with and be able to recognise present, past and future tenses

Pupils need to be revising vocabulary on a regular basis

YEAR 11 – PHYSICAL EDUCATION

Year 11 – GCSE

- Students will just be continuing with units and normal end of unit tests

Year 11 – BTEC

- Students must finish assignment 1

YEAR 12 – PHYSICAL EDUCATION

Exam structure: 1½ hour exam

Topics to revise:

- Skeletal and muscular systems – focus on short and long term effects of exercise
- Respiratory System - focus on short and long term effects of exercise
- Circulatory system - focus on short and long term effects of exercise
- Diet and Digestion
- Health and Fitness
- Psychology of sport
- Participation

YEAR 11 – HISTORY

Exam structure: 45 minutes

Topics to revise:

Hitler's consolidation of power: <ul style="list-style-type: none">• Reichstag fire• Enabling Act• Removal of opposition• Night of the Long Knives
German workers (Impact of Nazi policies): <ul style="list-style-type: none">• Decreases unemployment/Increases employment• Dismantling the Treaty of Versailles• DAF (German Labour Front)• KDF (Strength through joy)
Nazi control through FEAR: <ul style="list-style-type: none">• SS• Gestapo• Police and courts• Concentration camps
Nazi control through PROPAGANDA: <ul style="list-style-type: none">• Josef Goebels• Indoctrination• Types of propaganda and their purpose
Nazi policies towards: <ul style="list-style-type: none">• Women• Young people• Church• Minority groups
Jewish persecution BEFORE 1939: <ul style="list-style-type: none">• Nuremburg Laws• Kristallnacht
Jewish persecution AFTER 1939: <ul style="list-style-type: none">• Ghettos• Einsatzgruppen• Concentration/death camps
Opposition to the Nazis: <ul style="list-style-type: none">• Groups• Individuals
Germany during the war: <ul style="list-style-type: none">• Bombing• Rationing• Employment/rearmament• Deaths

You must complete all the questions unless there is a choice given.

Remember to read the questions carefully and FULLY.

Address the question asked using key historical specialist terms.

The more thorough revision you do now the more beneficial it will be for your GCSE in May!

YEAR 12 – HISTORY

- You will be completing **Question 2** of your History Controlled Assessment – this is worth 35 marks and makes up a substantial part of the **25%** that this section is worth.
- Much of the teaching and preparation will be completed in class before the mock exam week.
- Before completing the **2 hours of writing** you must have completed the following:
 - Annotation of all the sources using ADAPTIL
 - Author
 - Date
 - Audience
 - Purpose
 - Tone
 - Inference
 - Limitations
 - Key terms; primary, secondary, bias, objective, interpretation & perspective
 - Carried out independent research on all the sources – this will ensure that you can include relevant own knowledge
 - Completed a detailed plan
 - Included in bullet points any notes that you will want access to during the 2 hours
- If you have any concerns regarding the completion of the Controlled Assessment you must speak to your subject teacher **BEFORE** the 2 hours of writing.

YEAR 11 - MATHEMATICS HIGHER REVISION

December 2017

Exam structure: Calculator Paper 40 minutes

Topics to revise:

<p>UNIT 1 Shape and Space</p>	<ul style="list-style-type: none">• Recognise acute, obtuse and reflex angles• Measure and draw angles accurately• Use properties of angles on a straight line and in a full turn• Know angle properties of a triangle• Know angle properties of a quadrilateral• Understand the terms “parallel” and “perpendicular”• Recognise corresponding and alternate angles• Recognise and name 2D shapes• Understand the properties of 2D shapes• Use the angle rules for different quadrilaterals• Draw all lines of symmetry on 2D shapes• Know the order of rotational symmetry of 2D shapes• Know the names of polygons• Recognise and name 3D shapes• Recognise when to use Pythagoras theorem• Know how to use Pythagoras theorem• Know what trigonometry is used for• Label the sides of a right angled triangle given a marked angle• Recognise the ratios that link the sides and the angles• Recognise angle of elevation and depression in a diagram• Use trigonometry to find the lengths of sides and the sizes of angles when solving problems involving right angled triangles
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YEAR 11 - MATHEMATICS HIGHER REVISION

Topics to revise:

UNIT 2 NUMBER	<ul style="list-style-type: none">• Understand positive and negative integers• Find the factors of a number• Add and subtract negative integers• Multiply and divide negative integers• Recognise primes numbers• Find the least common multiple (LCM) of two single numbers• Find the highest common factor (HCF) of two single numbers• Write a number as a product of prime factors• Write an integer correct to the nearest 10 or nearest 100• Round numbers to given powers of 10 and to a given number of decimal places• Round a number to a significant figure• Using a calculator• Write decimals in order or size• Add and subtract decimals without a calculator• Multiply and divide decimals by a power of 10• Multiply and divide a decimal by a whole number or a decimal• Approximate calculations involving decimals• Application of decimals• Cancel a fraction to its lowest terms/simplify• Recognise equivalent fractions• Write fractions in order• Change between improper fractions and mixed numbers• Find a fraction of a quantity• Write one quantity as a fraction of the other• Add and subtract fractions without a calculator• Multiply and divide fractions without a calculator
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YEAR 12 – MATHEMATICS

December Mock/January 2018 Exams

This calculator module is worth 45% of the overall GCSE result

Topics to revise: T1

NUMBER	ALGEBRA	SHAPE, SPACE & MEASURE	STATISTICS
Calculate with numbers up to 3dp	Notation	Co-ordinates	Handling data cycle
Write no. in figures and words	Collect like terms	Draw angles/types of angles	Types of data
Negative numbers	Expand single bracket	Angles on a straight line/full turn	Design data collection sheet/Qs
Rounding nearest 10, 100, 1000	Solve simple equations ($5x - 3 = 7$)	Opposite angles equal (no Z F)	Decision tree
Rounding up to 3 dp/3 sig fig	Sequences (term to term)	Angles in triangles Properties of triangle	Two way tables (town distance)
Factors, multiples	Function machines	Angles in quads/prop of quads	Pictograms
Prime numbers up to 100		Draw using ruler and protractor	Line graphs
Square & cube no. and roots		Congruence	Bar charts
+ - fractions (not mixed)		Parts of a circle	Pie charts
Find a fraction		Draw nets (face, edge, vertex)	Frequency diagram
Order/compare fractions, decimals & percentages		Draw plans and elevations	Stem and leaf diagrams
Find a percentage (20% of 30)		Symmetry/rot symmetry	Frequency/tally tables
Calculate with money		Metric units	Averages from list (not MAD)
- Profit/loss & discount		Scale map/drawing	
- Current accounts/ statement		Compass points	
- Lodgements & withdrawals		Read scales/estimate weight etc.	
- Cheques		Calendar/time/timetables	
		Perimeter and area of rectangle & triangle	
		Volume, cubes & cuboids	

YEAR 12 – MATHEMATICS

Revision Lists for December Mock/January 2018 Module

This calculator module is worth 45% of the overall GCSE result

Topics to revise: T2 (YOU MUST ALSO KNOW THE T1 TOPICS)

NUMBER	ALGEBRA	SHAPE,SPACE&MEASURE	STATISTICS
$x \div$ simple fractions (not mixed)	Factorise single bracket	Parallel lines (X Z F shapes)	Compare averages
+ - mixed numbers	Substitution/formula	Internal/external angles in polygons	Averages from frequency tables (MAD)
HCF/LCM/ Product of primes	Set up and solve equations	Bearings	Scatter graphs/ correlation
Recurring decimals (e.g. $1/3$)	Trial and Imp	Pythagoras	Frequency polygons
Rules of indices for $x \div ()$	Nth term	Mid-point/length of line	Flow charts
Ratio (just simplify)	Draw straight line graph	Circumference/area of circle	
Increase/decrease by a %	Find gradient	Volumes of prisms (Tri P & cylinders)	
Simple interest/VAT		Similar shapes	
Express as a percentage of?		P+ A of composite shapes (trap)	
Exchange rates			

YEAR 12 – MATHEMATICS

Revision Lists for December Mock/January 2018 Module

This calculator module is worth 45% of the overall GCSE result

Topics to revise: T3 (YOU MUST ALSO KNOW THE T1 & T2 TOPICS)

NUMBER	ALGEBRA	SHAPE,SPACE&MEASURE	STATISTICS
Repeated percentage change	FOIL () () and () ²	SOHCAHTOA (also in 3D)	Cumulative frequency curve
Find % change (Change/start)	Factorise easy quad & DOTS	Length arcs/area sectors	Find quartiles and IQR
Reverse percentages	Solve with ()/letters both sides		Box plots
Compound interest	Solve quad = 0/frac num bottom		
Upper/lower bounds	Simplify algebraic fractions		
Wages/salaries	+ - x ÷ algebraic fractions		
Insurance/tax/interest rates	Simultaneous equations		
x ÷ mixed numbers	Equations straight line y=mx + c (par grad)		
	Draw y = x ² graphs		

YEAR 11 - ENGLISH LANGUAGE

All Year 11 Language classes (LG2-V2, G4-V4) will complete a formal December assessment. This assessment will be completed in class time during the first two weeks in December.

THE TASK

Pupils will be required to answer one question which will assess their **functional** writing skills. Marks are awarded for awareness of purpose and audience, content, use of vocabulary, writer's techniques as well as for a range of sentence structures and punctuation.

PREPARATION AND REVISION

Pupils have begun preparation for this assessment in class but home-study is vital if they want to achieve the top levels. They should be:

- Practising sample questions by applying teacher feedback given to responses completed in class
- Reading exemplar response and identifying techniques used to attain top marks
- Practising starting sentences with adverbs, verbs, gerunds, similes etc.
- Ensuring a clear understanding of the writing frames for: blogs, magazine articles, speeches, letters and accounts
- Revising PERSUADER or DAFOREST techniques and practise using these

ADDITIONAL SUPPORT

The following websites offer further ideas and help for writing tasks:

S-COOL <https://www.s-cool.co.uk/gcse/english/writing-argue-persuade-instruct>

PERSUADE <https://www.youtube.com/watch?v=jgyKm11PYWw>

LITERARY TECHNIQUES <https://www.bbc.co.uk/education/guides/zpr49j6/revision/1>

YEAR 11 - ENGLISH LITERATURE

11LG1, G1, G2 and G3 will complete a formal December assessment. This assessment will be completed in class time during the first two weeks in December.

THE TASK

Pupils will be required to answer one question from a choice of two based on the **novel** they have been studying. One question will focus on the **themes** of the novel, whilst the other question will focus on the **characters**. Marks are awarded for knowledge of the text as well as analysis and interpretation. This is a **closed-book** assessment and will last **one hour**.

PREPARATION AND REVISION

Pupils have been studying their novel and completed character charts and tracked themes but home-study is vital if they want to achieve the top levels. They should be:

- Re-reading the novel or listening to a downloaded audio version
- Learning at least 6-8 quotations for each character and theme
- Practising past paper responses by applying teacher feedback given to responses completed in class
- Practising introductions and PETER/PEEL techniques
- Making revision notes for each character and theme
- Ensuring a clear understanding of the novel's plot
- Ensuring a clear understanding of the author's intentions

ADDITIONAL SUPPORT

The following websites offer further support and help for Literature pupils:

OF MICE AND MEN

MR BRUFF https://www.youtube.com/user/mrbruff/playlists?disable_polymer=1

SHMOOP <https://www.shmoop.com/of-mice-and-men/>

SPARK-NOTES <http://www.sparknotes.com/lit/micemen/characters.html>

ANIMAL FARM

60SEC-RECAP <https://www.youtube.com/watch?v=nzQTsbSMsIQ>

SHMOOP <https://www.shmoop.com/animal-farm/literary-devices.html>

E-NOTES <https://www.enotes.com/topics/animal-farm/characters>

YEAR 12 - ENGLISH LANGUAGE

All Year 12 students (with the exception of G6 and V2) will complete their GCSE English Language Controlled Assessment on 11th December. This Controlled Assessment is worth **15%** of their **final GCSE grade**. This is **NOT** a mock examination. Classes will sit a mock examination in February for GCSE Language.

THE TASK

Pupils are required to respond creatively to a piece of stimulus text which they will have read in class. They are specifically requested to write the ending of this story, focusing on building an **atmosphere** of tension, unease and/or fear.

Pupils will take this Controlled Assessment in the sports hall **under examination conditions**. If a pupil is unable to attend, a medical note must be submitted.

PREPARATION AND REVISION

Pupils will have begun preparation for this assessment in class but home-study is vital if they want to achieve the top levels. They should be:

- Identifying setting, character and plot details in the original story
- Plotting the ending to their chosen story using a flowchart, spidergram or bullet point planning page(s). This should be detailed.
- Writing a first draft
- Redrafting this draft to ensure the plot is secure
- Redrafting this draft to ensure atmosphere is created through their descriptions of setting and character
- Redrafting this draft to ensure they have showcased a range of writer's techniques
- Redrafting this draft to ensure they have employed a range of sentence structures for deliberate effect

ADDITIONAL SUPPORT

The following websites offer further ideas and help for Creative Writing tasks:

GCSE BITESIZE <http://www.bbc.co.uk/schools/gcsebitesize/english/creativewriting/>

MR BRUFF <https://www.youtube.com/watch?v=9kNrQXdDhLc>

MR BRUFF <https://www.youtube.com/watch?v=iaEJ-HVpl9g>

S-COOL <http://www.s-cool.co.uk/gcse/english/writing-describe>

12G6 and 12V2 - ENGLISH LANGUAGE

12G6 and 12V2 will complete a mock examination paper comprising of two sections and lasting 1 hour 30 minutes. These two classes will complete their Controlled Assessment Writing Creatively in February 2018.

THE TASK

Pupils will be required to answer two questions which will assess their writing skills. Section A will focus on **personal writing** and Section B on **functional writing**. Marks are awarded for awareness of purpose and audience, content, use of vocabulary, writer's techniques as well as for a range of sentence structures and punctuation.

PREPARATION AND REVISION

Pupils have begun preparation for this examination in class but home-study is vital if they want to achieve the top levels. They should be:

- Practising past paper responses by applying teacher feedback given to responses completed in class
- Practising starting sentences with adverbs, verbs, gerunds, similes etc.
- Thought-showering possible personal writing topic areas
- Ensuring a clear understanding of the writing frames for: magazine articles, speeches, letters and accounts
- Revising PERSUADER or DAFOREST techniques and practise using these

ADDITIONAL SUPPORT

The following websites offer further ideas and help for Writing tasks:

MR BRUFF <https://www.youtube.com/watch?v=9kNrQXdDhLc>

S-COOL <http://www.s-cool.co.uk/gcse/english/writing-describe>

S-COOL <https://www.s-cool.co.uk/gcse/english/writing-argue-persuade-instruct>

PERSUADE <https://www.youtube.com/watch?v=jgyKm11PYWw>

PERSONAL WRITING <http://www.ocr.org.uk/Images/83354-unit-a651-imaginative-writing-candidate-style-answers.pdf>

LITERARY TECHNIQUES <https://www.bbc.co.uk/education/guides/zpr49j6/revision/1>

YEAR 11 - RELIGIOUS EDUCATION

UNIT 1 – THE IDENTITY OF JESUS

Background to Matthew's Gospel

- Introduction
- Facts about Matthew's Gospel
- Purpose of Matthew's Gospel
- The Structure of Matthew's Gospel

Palestine at the Time of Jesus

- Geographical context
- Historical and political context
- Social and religious context to Jewish life
- Leaders
- Buildings

The Identity of Jesus

- Titles of Jesus
- Jesus' birth
- Visitors from the east
- The Ministry of John the Baptist
- Jesus' baptism
- Jesus' temptations
- Peter's declaration about Jesus
- Jesus' transfiguration
- Jesus' entry into Jerusalem
- Jesus clears the temple.

UNIT 2 – JESUS THE MIRACLE WORKER

- Introduction to Jesus' miracles
- Social outcasts – Jesus heals man with skin disease
- Gentiles (non-Jews) – Healing the Roman officer's servant
- Sinners:
 - Jesus heals the paralysed man
 - Jesus heals the man with the paralysed hand on the Sabbath

Jesus' Treatment of Religious Leaders, Women and Children

- A Synagogue official's daughter is resuscitated
- Jesus heals the bleeding woman who touched his cloak

YEAR 12 - RELIGIOUS EDUCATION

AN INTRODUCTION TO CHRISTIAN ETHICS

Unit 1 – Personal and Family Issues

Qualities of love and friendship:

- Friendship
- Love

Preparation for marriage:

- Relationships (boy/girl)
- Sexuality

Christian teaching on marriage and divorce:

- Marriage
- The wedding ceremony
- Divorce

Unit 2 – Matters of Life and Death

Abortion:

- Abortion and the law
- Social attitude to abortion (unplanned pregnancy choices)
- Arguments for and against abortion
- Christian teaching on abortion

Euthanasia:

- Active/passive and voluntary/involuntary euthanasia
- Euthanasia and the law
- History warning – Nazi program 'Operation T4'
- Christian teaching on euthanasia
- Arguments for and against euthanasia
- Christian care for the terminally ill (hospice)

YEAR 11 - SCIENCE

Double Award

Exam structure: 1½ hour exam
2 x 45 minutes written paper for Biology 1 and Physics 1

Topics to revise: All Double Award Biology 1 and Double Award Physics 1 topics covered since September

Single Award

Exam Structure: 45 minute written exam

Topics to revise: All Single Award Chemistry units covered since September

YEAR 12 - SCIENCE

Double Award

Exam structure: 1½ hour exam
2 x 45 minutes written paper for Biology 2 and Physics 2

Topics to revise: All Double Award Biology 2 and Double Award Physics 2 units

Single Award

12G3; 12G5, 12G6 & 12V3

Exam Structure: 1 hour written exam

Topics to revise: All Single Award Physics units

Single Award Lurgan

Exam Structure: 1 hour Controlled Assessment session

Topics to revise: All Single Award Physics units

YEAR 11 – GEOGRAPHY

Exam structure: 1 hour exam

Topics to revise: Unit 1A3 - Sustainable management of rivers

- Flooding - causes, impacts, solutions
- Case Studies - Valency River, Boscastle & Yangtze River, China

A detailed revision list can be found on page 32 of the Unit 1A classwork notes

Revision materials: Unit 1A, Classwork notes pages 32-47

- Revision PowerPoint 3 'Flooding' (available on Fronter - Revision Unit 1)
- Homework booklet - practice questions

YEAR 12 – GEOGRAPHY

Exam structure: 1 hour exam - Evaluation of fieldwork methods and conclusions

Topics to revise: Controlled Assessment Task - Chapter 6 'Evaluation'

Revision materials:

- Evaluation preparation notes completed in class, week of 4th Dec
- Guidance notes & sample evaluation provided in 'Report Writing' guide booklet

YEAR 11 – BUSINESS STUDIES

All pupils have been provided with a Revision Guide to cover their Finance Exam

YEAR 12 – BUSINESS STUDIES

Pupils have access to a revision guide (provided by class teachers).

There are also copies of these guides on Fronter for pupils to access from home.

YEAR 11 & 12 - CONSTRUCTION

Exam Structure: 1½ hour exam

Topics to revise: All pupils will be required to revise all work studied to date
Chapters 1 -15

YEAR 12 - TECHNOLOGY

Exam Structure: 1 hour exam

Topics to revise: All pupils will be required to revise all the topics covered in Unit 1

- Electronics
- Pneumatics
- Mechanisms
- Computer Control
- Materials and Manufacturing
- Health and Safety

YEAR 12 – MOTOR VEHICLE AND ROAD USER STUDIES

Exam structure: 1½ hour exam (Calculator permitted)

Topics to revise: Units 1 - 5

- Vehicle control and road user behaviour
- Legal requirements
- Road transport and its effect on society
- Motoring mathematics & accident procedures

YEAR 11 – LEARNING FOR LIFE AND WORK (G BAND)

Exam structure: Exam will take place the week beginning 11th December 2017. Exam will be done in the classroom during LLW class. Class teacher will confirm the exact date with their classes.

Topics to revise:

- Personal health and well-being
- Emotions and reactions to life experiences
- Relationships and sexuality
- Personal safety and well-being
- Responsible parenting

YEAR 12 – LEARNING FOR LIFE AND WORK (G BAND)

Exam structure: Mock exam is preparation for GCSE Employability Module which is on 5th January 2018

Topics to revise: Pupils need to revise all topics covered this term

- The impact of globalisation on employment
- Recruitment and selection practices for employment
- Rights and responsibilities of employers and employees
- Issues of self-employment and sources of support

Pupils have been given a revision booklet and past papers to supplement their revision

HOW SHOULD I REVISE?

We are all different and this applies equally to the way we revise so it is important that you are aware of the various methods which can be used:

Remind yourself over and over

- If you revise something tonight, by this time tomorrow you'll have forgotten at least some of it. So take another quick look at it tomorrow, to "top up" your memory.
- Take another quick look next week, and keep "topping up" until the night before the exam.
- This doesn't take long to do, and you feel good because you find that the stuff looks familiar each time you look at it; because it's quick you can easily fit it in with all your other revision.

Look, Cover, Write, Check

- This is probably the way that you learned spellings in Primary School. 1) read it, 2) hide it away, 3) write it out, 4) check to see if you got it right. This technique is good for equations, lists of facts and a whole lot more.
- Remembering labelled diagrams. Draw a copy of the diagram - but without the labels. Then try to fill in the labels from memory.

Highlighting

Make notes while you are revising then highlight key words/key ideas. Not only does this make it easier to revise later, but the act of scanning through your notes looking for the key stuff helps you to remember it.

Make summaries of the information

For example, try to get the whole topic onto one side of A4 paper. It's the act of making the sheet which fixes the information in your mind. You might like to use web diagrams/spider diagrams - they really help to show what's in a topic.

Make Flash Cards

These can help you to remember facts and equations. The idea is to carry them with you, and look at them when you have a spare moment. You could put headings on one side and details on the other.

Make jigsaws

List things on a sheet of paper, cut the paper up, jumble it, then sort it out. This works for Kings Queens and dates, who did what in a play, and much more. The important thing about this is not that you have it - it's the act of making and using it that does the job! Work out "what could they ask me about this?"

Practice on real exam questions

