



**PLATANOS COLLEGE**

An outstanding school for  
pupils of all abilities

**Year 10**

**Formal Examination Week**

**Monday 17<sup>th</sup> June 2019 to Friday 21<sup>st</sup> June 2019**

# **Guide to Examinations**

Make sure that you use the **toilet before you line up** in the morning. Unless you have a known medical condition backed up by a note from your GP, it is highly unlikely you will be given permission to leave the examination room once the examination has begun.

You may bring a small bottle of plain water to the exam room, but the labelling must have been removed before the exam.

**The school day will run as normal. You will line up as you normally would. Year 10 examinations will take place in class time and you will be informed in good time for when your examination will be for each subject.**

**No equipment will be provided for you. The loaning and borrowing of equipment between candidates during examinations is not permitted. Therefore make sure well in advance of the examination week that you have all the equipment you will need (**black pens, pencils, ruler, rubber, calculator, colouring pencils, and spares of everything**).**

The only type of **pencil-case** you are allowed to have on your exam desk is a **transparent** one. If you haven't yet got one, purchase one in good time for the exams.

Bring a packet of **tissues** with you in case you need them.

**Mobile phones must be switched off.** Smart watches, tablets or any electronic equipment are **strictly forbidden**, as is any equipment which is likely to make a sound which may distract others.

There is **no talking in the examination room** under any circumstances. Unless an invigilator has spoken to you, you should remain silent. Any form of communication between candidates, whether written or verbal, no matter what the content, will be treated as misconduct and **your paper will be cancelled**. Therefore, it is best to remain silent from the time you enter the examination room to the time you leave. **In addition, any attempt to distract other candidates, whether verbal or non-verbal, will be dealt with severely.**

Once any instructions have been given and the examination has begun, you may only put up your hand if you are facing an emergency. **No questions should be asked about the examination itself**, as an answer would give you an unfair advantage over other candidates. Therefore listen carefully to any instructions you are given, read the instructions on the paper itself, and use your initiative.

## **HOW TO PERFORM WELL IN EXAMINATIONS**

This guide is intended to help you with your examination preparation, so that you can make the most of what you have learned. It does NOT offer you a way around the problem of lack of effort in the past, but it CAN help you make the best use of the time you have left! The most important thing is to **LISTEN** and **PARTICIPATE** in class. Pay attention and ask for help if/when you need it. The harder you work in class **NOW**, the easier your revision and preparation will be later.

### **PLAN YOUR REVISION**

- Work out how long you've got to revise before the examinations, and plan how best to use that time.
- Prepare a revision timetable.
- Pace yourself, revisiting each subject area regularly in the weeks before the examinations.
- Don't fool yourself that 'cramming' the night before an examination will do the trick! It won't.

## **PREPARATION**

- Be organised. Keep your folders, books etc. tidy so that you don't have to waste time looking through clutter.
- Read the subject pages in this booklet carefully to find out what will be examined in each subject.
- Don't try to revise where there are distractions, like the TV or your games console.
- Eat well, sleep well and take physical exercise – cooping yourself up in one room day after day is unhealthy. You won't perform well if you've locked yourself up with books for weeks!
- Your brain can only concentrate for certain periods of time, so take regular breaks and treat yourself to a reward – go out for a walk, kick a ball about, listen to music.
- Don't let breaks take over though – stick to strict time limits, and don't slump for long periods in front of the TV.
- Make sure you know what equipment you will need for each examination. Make sure you know which examinations are on which days.
- If you are ill on the day of an examination, make sure your parent/guardian telephones school immediately to explain.
- Make sure you are comfortable before you go into the examination room – (e.g. make sure you have been to the toilet).

## **DON'T PANIC!**

Remember, examinations are NOT designed to catch you out – rather to allow you to show what you have learned. Being calm and thoughtful in the examination will help you get the most out of your preparation.

# EQUIPMENT

# NOTICE

Please make sure that your son/daughter is properly equipped for the forthcoming examinations.



- A transparent pencil case
- Several black pens and pencils
- A rubber, ruler and pencil-sharpener
- Mathematical equipment (protractor, set-square, compasses and a working scientific calculator).

# English Literature

## Topics:

You will be assessed on the *Relationships Poetry Anthology*. You will be given one poem from the Edexcel Relationship Anthology and you will be asked to compare it to another poem of your choice; you will not be provided with the other poems from the anthology so you must revise them well. Think about the language, form and structure of the poems as well as the contexts in which they were written.

## Skills:

The following skills will be assessed:

**Assessment Objective 1:** Can I identify and interpret explicit and implicit information and ideas?

**Assessment Objective 2:** Can I analyse the writer's use of language and structure?

**Assessment Objective 3:** Can I Compare writers' ideas and perspectives, how these are conveyed, across two or more texts?

**Assessment Objective 3b:** Can I comment on the significance of context?

## What should you do to help you revise?

- GCSE Bitesize (website)
- Read extracts of the play
- Use your poetry anthology
- Use your exercise book

## What is the outline of the exam and how will it be assessed?

You will be assessed on your ability to compare two poems from the anthology, including comparing the poets' use of language, form and structure. Additionally, you must be able to link your analysis to the context of the poems, demonstrating detailed awareness of when the poems were written and how this may have influenced the poets and the meaning of the poems.

# English Language

## Topics:

You will be assessed on two unseen non-fiction extracts. Analyse and compare the language used by the writers as well as writing a summary of the texts. You will also be asked to write your own transactional writing piece, including a range of language techniques.

## Skills:

The following skills will be assessed:

**Question One:** Choose four statements below which are TRUE. (4 marks)

**Question Two:** Use details from both sources to write a summary of...? (8 marks)

**Question Three:** How does the writer use language to...? (12 marks)

**Question Four:** Compare how the writers convey different ideas and perspectives of... (16 marks)

## What should you do to help you revise?

- GCSE Bitesize (website)
- Exam papers
- Use your exercise book
- Read a fiction text
- Mr Bruff's guides

## What is the outline of the exam and how will it be assessed?

You will be assessed on your ability to compare two non-fiction texts, writing summaries, analysing language and comparing writers' viewpoints. You will also be expected to write your own transactional writing piece, adapting the tone and content of your work to fit the form and audience. You will also be assessed on your ability to use a range of punctuation and vocabulary.

# Mathematics – Foundation

## Year 10 Foundation

The exam will consist of 3 papers:

Paper 1 non calculator, Paper 2 Calculator, Paper 3 Calculator

The students will complete a full GCSE maths exam which will include topics that have not been fully covered yet. This will allow staff to give an accurate current attainment grade.

The full topic list is:

- Number - Calculations, Decimal numbers, Place value, Factors and multiples, Squares, cubes and roots, Index notation, Prime factors
- Algebra - Algebraic expressions, Simplifying expressions, Substitution, Formulae, Expanding brackets, Factorising, Using expressions and formulae
- Graphs, tables and charts - Frequency tables, Two-way tables, Representing data, Time series, Stem and leaf diagrams, Pie charts, Scatter graphs, Line of best fit
- Fractions and percentages - Working with fractions, Operations with fractions, Fractions and decimals, Fractions and percentages, Calculating percentages
- Equations, inequalities and sequences - Solving equations, Solving equations with brackets, Introducing inequalities, More inequalities, More formulae, Generating sequences, Using the nth term of a sequence
- Angles - Properties of shapes, Angles in parallel lines, Angles in triangles, Exterior and interior angles, Geometrical patterns
- Averages and range - Mean, mode, median and range, Types of average, Estimating the mean, Sampling
- Perimeter, area and volume - Rectangles, parallelograms and triangles, Trapezia and changing units, Area of compound shapes, Surface area of 3D solids, Volume of prisms, More volume and surface area
- Graphs - Coordinates, Linear graphs, Real-life graphs, Distance-time graphs
- Transformations - Translation, Reflection, Rotation, Enlargement, Describing enlargements, Combining transformations
- Ratio and proportion - Writing ratios, Using ratios, Ratios and measures, Comparing using ratios, Using proportion, Proportion and graphs, Proportion problems
- Right-angled triangles - Pythagoras' theorem, Trigonometry: the sine ratio, Trigonometry: the cosine ratio, Trigonometry: the tangent ratio, Finding lengths and angles using trigonometry
- Probability - Calculating probability, Experimental probability, Venn diagrams, Tree diagrams
- Multiplicative reasoning - Percentages, Growth and decay, Compound measures, Distance, speed and time, Direct and inverse proportion
- Constructions, loci and bearings - 3D solids, Plans and elevations, Accurate drawings, Scale drawings and maps, Constructions, Loci and regions, Bearings
- Quadratic equations and graphs - Expanding double brackets, Plotting quadratic graphs, Using quadratic graphs, Factorising quadratic expressions, Solving quadratic equations algebraically
- Perimeter, area and volume 2 - Circumference of a circle, Area of a circle, Semicircles and sectors, Composite 2D shapes and cylinders, Pyramids and cones, Spheres and composite solids
- Fractions, indices and standard form - Multiplying and dividing fractions, The laws of indices, Writing large numbers in standard form, Writing small numbers in standard form, Calculating with standard form
- Congruence, similarity and vectors - Similarity and enlargement, More similarity, Using similarity, Congruence, Vectors
- More algebra - Graphs of cubic and reciprocal functions, Non-linear graphs, Solving simultaneous equations graphically, Solving simultaneous equations algebraically, Rearranging formulae, Proof

# **Mathematics – Higher**

**The exam will consist of 3 papers:**

**Paper 1 non calculator, Paper 2 Calculator, Paper 3 Calculator**

**The students will complete a full GCSE maths exam which will include topics that have not been fully covered yet. This will allow staff to give an accurate current attainment grade.**

- Number - Number problems and reasoning, Place value and estimating, HCF and LCM, Calculating with powers (indices), Zero, negative and fractional indices, Powers of 10 and standard form, Surds
- Algebra - Algebraic indices, Expanding and factorising, Equations, Formulae, Linear sequences, Non-linear sequences, More expanding and factorising
- Interpreting and representing data - Statistical diagrams, Time series, Scatter graphs, Line of best fit, Averages and range
- Fractions, ratio and percentages - Fractions, Ratios, Ratio and proportion, Percentages, Fractions, decimals and percentages
- Angles and trigonometry - Angle properties of triangles and quadrilaterals, Interior angles of a polygon, Exterior angles of a polygon, Pythagoras' theorem, Trigonometry
- Graphs - Linear graphs, Graphing rates of change, Real-life graphs, Line segments, Quadratic graphs, Cubic and reciprocal graphs
- Area and volume - Perimeter and area, Units and accuracy, Prisms, Circles, Sectors of circles, Cylinders and spheres, Pyramids and cones
- Transformations
- Transformations and constructions - 3D solids, Reflection and rotation, Enlargement, Transformations and combinations of transformations, Bearings and scale drawings, Constructions, Loci
- Equations and inequalities - Solving quadratic equations, Completing the square, Solving linear and quadratic simultaneous equations, Solving linear inequalities
- Probability - Combined events, Mutually exclusive events, Experimental probability, Independent events and tree diagrams, Conditional probability, Venn diagrams and set notation
- Multiplicative reasoning - Growth and decay, Compound measures, More compound measures, Ratio and proportion
- Similarity and congruence - Congruence, Geometric proof and congruence, Similarity, Similarity in 3D solids
- More trigonometry - Accuracy, Graph of the sine function, Graph of the cosine function, The tangent function, Calculating areas and the sine rule, The cosine rule and 2D trigonometric problems, Solving problems in 3D, Transforming trigonometric graphs
- Further statistics - Sampling, Cumulative frequency, Box plots, Drawing histograms, Interpreting histograms, Comparing and describing populations
- Equations and graphs - Solving simultaneous equations graphically, Representing inequalities graphically, Graphs of quadratic functions, Solving quadratic equations graphically, Graphs of cubic functions
- Circle theorems - Radii and chords, Tangents, Angles in circles, Applying circle theorems
- More algebra - Rearranging formulae, Algebraic fractions, Simplifying algebraic fractions, Surds, Solving algebraic fraction equations, Functions, Proof
- Vectors and geometric proof - Vectors and geometric proof, Vector arithmetic, Parallel vectors and collinear points, Solving geometric problems

- Proportion and graphs - Direct proportion, Inverse proportion, Exponential functions, Non-linear graphs, Translating graphs of functions, Reflecting and stretching graphs of functions

# Mathematics

## Online Revision resources:

1. Mymaths: [www.mymaths.com](http://www.mymaths.com)
2. SAM Learning: [www.samlearning.com](http://www.samlearning.com)
3. BBC Bitesize KS3: <http://www.bbc.co.uk/education/levels/z4kw2hv>
4. Maths Watch: [www.mathswatchvle.com](http://www.mathswatchvle.com)
5. Corbettmaths: [www.Corbettmaths.com](http://www.Corbettmaths.com)
6. Mathsgenie: [www.Mathsgenie.co.uk](http://www.Mathsgenie.co.uk)
7. Piximaths: [www.piximaths.co.uk/revision-materials](http://www.piximaths.co.uk/revision-materials)

## Equipment needed:

1. Pen
2. Pencil
3. Scientific calculator
4. Maths set (ruler, protractor, compasses)

**Exam board:** Pearson Edexcel

# **Science (Double Award)**

## Topics that will be assessed:

During this term, Year 10 pupils have been studying the topics as listed below. Pupils will be assessed on these topics:

### **Biology topics:**

#### **B1: Cell structure and transport**

- The world of microscope
- Animal and plant cells
- Eukaryotic and prokaryotic cells Specialisation in animal cells
- Specialisation in plant cells
- Diffusion
- Osmosis
- Osmosis in plants
- Active transport
- Exchanging materials

#### **B5: Communicable diseases**

- Health and disease
- Pathogens and disease
- Growing bacteria in the lab
- Preventing bacterial growth
- Preventing infections
- Viral diseases
- Bacterial diseases
- Diseases caused by fungi and protists
- Human defence responses
- More about plant diseases
- Plant defence responses

#### **B6: Preventing and treating disease**

- Vaccination
- Antibodies and painkillers
- Discovering drugs
- Developing drugs

#### **B7: Non-communicable diseases**

- Non-communicable diseases
- Cancer
- Smoking and the risk of disease
- Diet, exercise, and disease
- Alcohol and other carcinogens

## **Required practical: Microscopy (how to prepare a slide of a specimen and view it under a microscope)**

### **B11: Hormonal coordination**

- Principles of hormonal control
- The control of blood glucose levels
- Treating diabetes
- The role of negative feedback
- Human reproduction
- Hormones and the menstrual cycle
- The artificial control of fertility
- Infertility treatment

### **Chemistry topics:**

#### **C3: Structure and bonding**

- States of matter
- Atoms into ions
- Ionic bonding
- Giant ionic structures
- Covalent bonding
- Structures of simple molecules
- Giant covalent structures
- Fullerenes and graphene
- Bonding in metals
- Giant metallic structures

#### **C4: Chemical calculations**

- Relative masses and moles
- Equations and calculations
- From masses to balanced equations
- Expressing concentrations

#### **C5: Chemical changes**

- The reactivity series
- Displacement reactions
- Extracting metals
- Salts from metals
- Salts from insoluble bases
- Making more salts
- Neutralisation and the pH scale
- Strong and weak acids

#### **C6: Electrolysis**

- Introduction to electrolysis
- Changes at the electrodes

- Extraction of aluminium
- Electrolysis of aqueous solutions

## C7: Energy changes

- Exothermic and endothermic reactions
- Using energy transfers from reactions
- Reaction profiles
- Bond energy calculations

### Required practical: Temperature changes

## Physics topics:

### P6: Molecules and matter

- Density
- States of matter
- Changes of state
- Internal energy
- Specific latent heat
- Gas pressure and temperature

### P7: Radioactivity

- Atoms and radiation
- The discovery of the nucleus
- Changes in the nucleus
- More about alpha, beta, and gamma radiation
- Activity and half-life

### Required practical: finding the density of regular solid, regular solid and liquid.

### Skills that will be assessed:

Pupils will be assessed in the following areas:

- Data handling – evaluating given data and figures. Identifying patterns and relationships and making suitable conclusions.
- Gathering evidence – ways of presenting data and figures
- Investigative skills – designing investigations so that patterns and relationships between variables may be identified

### Resources to use for revision:

- AQA website with a range of resources: <http://www.aqa.org.uk/subjects/science/steps-to-success-in-science>
- BBC website with various topics and activities: <http://www.bbc.co.uk/education/subjects/zrkw2hv>
- SAM Learning with various topics and activities: <https://www.samlearning.com/>

# **Science (Triple Award)**

## Topics that will be assessed:

During this term, Year 10 pupils have been studying the topics as listed below. Pupils will be assessed on these topics:

### **Biology topics:**

#### **B1: Cell structure and transport**

- The world of microscope
- Animal and plant cells
- Eukaryotic and prokaryotic cells Specialisation in animal cells
- Specialisation in plant cells
- Diffusion
- Osmosis
- Osmosis in plants
- Active transport
- Exchanging materials

#### **B5: Communicable diseases**

- Health and disease
- Pathogens and disease
- Growing bacteria in the lab
- Preventing bacterial growth
- Preventing infections
- Viral diseases
- Bacterial diseases
- Diseases caused by fungi and protists
- Human defence responses
- More about plant diseases
- Plant defence responses

#### **B6: Preventing and treating disease**

- Vaccination
- Antibodies and painkillers
- Discovering drugs
- Developing drugs
- ***Making monoclonal antibodies***
- ***Uses of monoclonal antibodies***

#### **B7: Non-communicable diseases**

- Non-communicable diseases
- Cancer
- Smoking and the risk of disease
- Diet, exercise, and disease
- Alcohol and other carcinogens

## Required practical: Microscopy (how to prepare a slide of a specimen and view it under a microscope)

### B11: Hormonal coordination

- Principles of hormonal control
- The control of blood glucose levels
- Treating diabetes
- The role of negative feedback
- Human reproduction
- Hormones and the menstrual cycle
- The artificial control of fertility
- Infertility treatment
- ***Plant hormones and responses***
- ***Using plant hormones***

## Chemistry topics:

### C3: Structure and bonding

- States of matter
- Atoms into ions
- Ionic bonding
- Giant ionic structures
- Covalent bonding
- Structures of simple molecules
- Giant covalent structures
- Fullerenes and graphene
- Bonding in metals
- Giant metallic structures
- ***Nanoparticles***
- ***Applications of nanoparticles***

### C4: Chemical calculations

- Relative masses and moles
- Equations and calculations
- From masses to balanced equations
- *Yield of a chemical reaction*
- *Atom economy*
- Expressing concentrations
- ***Titration***
- ***Titration calculations***
- ***Volume of gases***

### C5: Chemical changes

- The reactivity series
- Displacement reactions
- Extracting metals
- Salts from metals
- Salts from insoluble bases

- Making more salts
- Neutralisation and the pH scale
- Strong and weak acids

## C6: Electrolysis

- Introduction to electrolysis
- Changes at the electrodes
- Extraction of aluminium
- Electrolysis of aqueous solutions

## C7: Energy changes

- Exothermic and endothermic reactions
- Using energy transfers from reactions
- Reaction profiles
- Bond energy calculations
- ***Chemical cells and batteries***
- ***Fuel cells***

## Required practical: Titration

## Physics topics:

### P6: Molecules and matter

- Density
- States of matter
- Changes of state
- Internal energy
- Specific latent heat
- Gas pressure and temperature
- ***Gas pressure and volume***

### P7: Radioactivity

- Atoms and radiation
- The discovery of the nucleus
- Changes in the nucleus
- More about alpha, beta, and gamma radiation
- Activity and half-life
- ***Nuclear radiation in medicine***
- ***Nuclear fission***
- ***Nuclear fusion***
- ***Nuclear issues***

Required practical: finding the density of regular solid, regular solid and liquid.

## Skills that will be assessed:

Pupils will be assessed in the following areas:

- Data handling – evaluating given data and figures. Identifying patterns and relationships and making suitable conclusions.
- Gathering evidence – ways of presenting data and figures
- Investigative skills – designing investigations so that patterns and relationships between variables may be identified

# History

## Topics that will be assessed: The Elizabethan Age 1558-1603 – Full exam paper

Throughout this year, Year 10 pupils have been studying the topics as listed below. Their forthcoming exam will be in the style of a full GCSE paper.

### **1. Elizabeth and her government:**

- Elizabeth's life before she became Queen, her coronation, and reasons for popularity
- The role of the Royal Court, Privy Council, the Privy Councillors, and Local Government roles.
- The role of Parliament in Elizabeth's reign

### **2. Elizabethan society:**

- The Elizabethan social structure; including the lives of the rich, gentry and poor.
- The growing problem of unemployment and vagrancy, and government reactions to it.

### **3. Elizabethan Entertainment:**

- Common forms of entertainment in England.
- The growth, development, and key features of Elizabethan Theatre.

### **4. The Middle Way (Church Settlement Act of 1559):**

- The problems of religion that Elizabeth inherited.
- The differences between Catholics, Protestants and Puritans.
- The features of Elizabeth's Church Settlement Act of 1559.
- Reactions to the Church Settlement Act within England, and within Europe.

### **5. The Catholic and Puritan Threats:**

- The problem of Mary, Queen of Scots and various plots against Elizabeth.
- The causes, course, and consequences of the Spanish Armada .
- Types of Puritans, their beliefs and why they posed a threat to Elizabeth.
- The way in which Elizabeth dealt with Puritans in Parliament, government, and the country at large.

## Skills that will be assessed:

Pupils will be assessed in the following areas:

- Recall of key information and forming judgements.
- Analysing sources – including authorship and purpose of a source.
- Students should learn the exam techniques as set out on their mark schemes for Questions 1-5.

## Resources to use for revision:

- <https://www.bbc.com/bitesize/guides/zcwy82p/revision/2>
- <https://www.youtube.com/watch?v=6QQiBA7fUUU> (History Teacher Video series)

## Outline of exam paper:

Pupils have the outline of the GCSE exam paper and exam technique in their History exercise books.

Pupils will have practiced these styles of question both in class and as homework prior to the exam.

Revision resources will be given to each pupil in the two weeks prior to the exam, as well as resources added to Show My Homework.

# Modern Foreign Languages (MfL)

**TOPIC:** Intereses e influencias

## OUTLINE OF THE EXAM

You will have approximately 55 minutes in lesson to **listen**, **read** and **write** about interests and influences. You will have to:

- understand people talking about **free-time activities and what they usually do**
- understand people talking about **TV programmes, films, sports and what's trending.**
- understand people **agreeing and disagreeing.**
- Understand the use of **suelo + infinitive.**
- understand texts in the **perfect and imperfect tenses.**

## SKILLS THAT WILL BE ASSESSED

- Students will be assessed in four different skills: **Listening, Reading, Writing and Speaking.**
- Speaking will be assessed informally during lessons.

## REVISION AND PREPARATION

- Revise all the vocabulary taught in lessons (<http://www.quizlet.com> and <http://www.memrise.com>)
- Practice listening & reading in Spanish (<http://www.bbc.co.uk/languages/spanish/> and <https://radiolingua.com/coffeebreakspanish/>)

## SUCCESS CRITERIA

### WRITING

- Be able to write a short paragraph to answer the questions, using your own language.
- Be able to translate familiar short phrases. You may make some errors with verbs and occasional errors with more complex structures, but the meaning should be clear.
- Be able to write a short paragraph in the present and the past.
- Be able to write a more extended text and refer to the past, present and future.

### READING & LISTENING

- Be able to understand and read short familiar phrases.
- Be able to understand and read short passages of familiar language in the present tense.
- Be able to identify main points, opinions & some details from oral and written texts.
- Be able to understand and read short passages of familiar language in the present, past and future tense.

# **Art and Art and Graphic Design**

Topic: ***Recording to support ideas***

## **Outline of the exam**

You will have 3 hours in lesson to select an image which relates to your idea intensions record it using a media of your choice. This must reflect the style of your chosen Artist. You will either draw the object from first hand (Secure level) or a photograph (foundation level).

## **Skills that will be assessed**

- Use of delicate and accurate line
- Accurate observation of shape and form
- Wide range and smooth application of tone to show light and dark
- Considered and appropriate media choice reflecting the Artists' style

## **Revision and preparation**

- ✓ Research into your chosen Artist and their style
- ✓ Practice drawing objects which relate to your theme from first hand sources
- ✓ <http://www.bbc.co.uk/schools/gcsebitesize/art/practicalities/artcraftdesign1.shtml>

# Religious Education

Topics that will be assessed: Christianity, Islam and Thematic Studies

Pupils will be assessed on their Religious Studies GCSE course so far.

## Christianity (Paper 1)

- Jesus Christ; Incarnation, Crucifixion, Resurrection, Ascension, Sin, Salvation
- The Nature of God; Oneness of God, Creation, Life and Death
- Workshop and Festivals; Prayer, Sacraments, Baptism, Eucharist, Pilgrimage, Christmas, Easter
- The Role of the Church; Local Community, Evangelism, Reconciliation, Persecution, Christian Agencies/Charities

## Islam (Paper 1)

- Key beliefs; Six Articles of Faith, Five Roots of Shi'a Islam, Tawhid, Angels, the Afterlife
- Authority; Prophethood, the Qur'an and other Holy Books, the Imamate
- Worship; Five Pillars, Shahadah, Salah,
- Duties and Festivals; Zakah (Charity), Sawm (Fasting), Hajj (Pilgrimage) including Eid Ul-Adha, greater and lesser Jihad, Ten Obligatory Acts of Shi'a Islam, Eid-Ul-Fitr, Ashura

## Thematic Studies (Paper 2)

- Theme A – Relationships and families; Marriage, Homosexuality, Family life
- Theme B – Religion and Life; Creation, Stewardship, the Environment, Abortion, Euthanasia, the Afterlife
- Theme D – Religion, Peace and Conflict; Forgiveness and Reconciliation, Protests, Terrorism, War, Nuclear War, Just War and Holy War, Peacekeeping

## Skills that will be assessed:

Pupils will be assessed for the following skills:

- Recall of key information, reaching a judgement
- Evaluating viewpoints from Christianity, Islam, and secular (non-religious) views.

## Resources to use for revision:

(Ensure that you are choosing the correct thematic topics as listed above)

- <https://www.bbc.com/bitesize/examspecs/zjgx47h>
- <https://www.whitworth.lancs.sch.uk/userimages/Website/Summer%20Term/Y11%20RS%20revision%20booklet.pdf>
- [https://www.youtube.com/watch?v=OQe8aFu\\_tls&list=PLh28g2XmbEbK55rE97NY2dK-kOebzyZDm](https://www.youtube.com/watch?v=OQe8aFu_tls&list=PLh28g2XmbEbK55rE97NY2dK-kOebzyZDm)

## Outline of exam paper:

Pupils have the outline of the GCSE exam paper and exam technique in their Religious Studies exercise books. Pupils will have practiced these styles of question both in class and as homework tasks prior to the exam. Revision resources will be given to each pupil in the three weeks prior to the exam, as well as resources added to Show My Homework.

<b>Q1</b>	1 mark	Circle the correct answer.
<b>Q2</b>	2 marks	2 x simple points to answer the question.
<b>Q3</b>	4 marks	2 x developed points to answer the question. They must show two clearly different ideas.
<b>Q4</b>	5 marks	2 x developed points to answer the question. One additional piece of information from own knowledge that refers to scripture (story/quote in holy book/reference to teaching)
<b>Q5</b>	12 marks	2 x arguments that agree 2 x arguments that disagree Final justified judgement

# Physical Education

## How should I revise?

- o As ACTIVELY as possible!!!
- o Revision is NOT just re-reading your notes/textbooks/revision guides

## Where should I revise?

- In a quiet room (maybe a bedroom) with:
- o A comfortable temperature
  - o Good lighting
  - o A table to work at
  - o A clock

## Which technique should I use?

Find the technique which **works best for you!**

Mind Maps, Revision Cards, Make Notes, Clear layout, Use Highlighters, Use Diagrams, Use Class Notes, GCSE Pod, Revision Guides and Textbooks!

**Reinforcing your memory – get someone to test you from the notes / cards / mind maps / revision posters**

## PE

- o Students will be sitting the AQA GCSE Physical Education Paper
- o 1 hour written paper

### The Exam

- o The first questions will be a multiple choice type question
- o The second part of the paper will be short answered questions
- o The third part of the paper will be two extended answers (8 Marks)

### Specific PE tips:

- o Answer all questions
- o Underline key words in the question
- o Identify how many marks have been awarded and make that amount of separate points ie 3 marks means write 3 answers
- o Give specific physical activity examples do not just name a sport ie dodging your opponent in Basketball
- o Try to answer all questions

Try these websites:

- [www.s-cool.co.uk](http://www.s-cool.co.uk)
- [www.teachpe.com/gcse\\_pe\\_exam\\_revision\\_questions\\_answers](http://www.teachpe.com/gcse_pe_exam_revision_questions_answers)
- [www.bbe.co.uk/schools/gcsebitesize/pe](http://www.bbe.co.uk/schools/gcsebitesize/pe)
- [www.geocities.com/sib\\_physed/GCSEPE.html](http://www.geocities.com/sib_physed/GCSEPE.html)
- [www.bbc.co.uk/sport/](http://www.bbc.co.uk/sport/) (Choose practical activity)

## Topics that you'll be assessed in:

**Sports Psychology unit:**

**Guidance and Feedback**

**Goal setting and smart targets.**

**Classification of skills**

**Information Processing Model**

**Personality Types**

**Somatotyping**

**Diet, nutrition, hydration and sedentary lifestyles**

# Media Studies

## Paper 1: Media One

### Topics:

#### Section A

Section A will focus on Media Language and Media Representations. Questions in this section can test any two of the following forms:

- Magazines
- Advertising and marketing
- Newspapers
- Online, social and participatory media and video games.

#### Section B

Section B will focus on Media Industries and Media Audiences. Questions in this section can test any two of the following forms:

- Radio
- Music video
- Newspapers
- Online, social and participatory media and video games
- film (industries only).

### Questions:

- A range of questions relating to an unseen source and Close Study Products.
- An extended response question (20 marks).

### Skills:

#### The following skills will be assessed:

**AO1:** Demonstrate knowledge and understanding of:

- The theoretical framework of media
- Contexts of media and their influence on media products and processes.

**AO2:** Analyse media products using the theoretical framework of media, including in relation to their contexts, to make judgements and draw conclusions.

#### What should you do to help you revise?

- GCSE Bitesize (website)
- Use your exercise book
- Revise the close study products online

# Drama

Your exam will be the completion of your Portfolio (**2000 words.**) You should ensure you annotate the AO1 & AO4 sheets around the row for your target level, detailing how you plan to meet each specific detail of the criteria (available from Ms Valmarana).

Throughout the portfolio (**and using them as individual headings**) you must answer all questions listed below

- What was your initial response to the stimuli and what were the intentions of the piece?
- What work did your group do in order to explore the stimuli and start to create ideas for performance?
- What were some of the significant moments during the development process and when rehearsing and refining your work?
- How did you consider genre, structure, character, form, style, and language throughout the process?
- How effective was your contribution to the final performance?
- Were you successful in what you set out to achieve?

You also need to make sure you include a short paragraph about how you addressed Health & Safety concerns (e.g. organising a torch backstage, making sure cables were taped down, checking the volume wasn't too loud on the speakers, etc) This should be added at the bottom of the 'significant moments' section where you write about refining the piece for the actual performance. You must use the phrase 'health and safety'.

# **Business Studies**

## **ASSESSMENT TOPICS:**

### **THEME 1**

#### **o Unit 1.1- Enterprise and entrepreneurship**

- The Dynamic Nature of Business
- Risk and Reward
- The Role of Business Enterprise

#### **o Unit 1.2- Spotting a business opportunity**

- Customer Needs
- Market Research
- Market Segment
- The Competitive Environment

#### **o Unit 1.3 – Putting a business idea into practice**

- Business Aims and Objectives
- Business revenues, costs and profits
- Cash and Cash-Flow
- Source of Business Finance

#### **o Unit 1.4 - Making The Business Effective**

- The Options for Start-up and Small Businesses
- Business Location
- The Marketing Mix
- Business Plans

#### **o Unit 1.5 - Understanding the external influences of business**

- Business Stakeholders
- Technology and Business
- Legislation and Business
- The Economy and Business
- External Influences

## **SKILLS ASSESSED:**

- Demonstrate knowledge and understanding of business concepts and issues
- Apply knowledge and understanding of business concepts and issues to a variety of contexts
- Analyse and evaluate business information and issues to demonstrate understanding of business activity, make judgements and draw conclusions
- Calculations in a business context
- Interpretation and use of quantitative data in business contexts to support, inform and justify business decisions

## **REVISION RESOURCES:**

- <http://www.bbc.co.uk/education/subjects/zpsvr82>
- <https://revisionworld.com/gcse-revision/business-studies/edexcel-business-studies/unit-1-introduction-small-business>
- <http://www.tutor2u.net/business/blog/edexcel-gcse-business-unit-1-revision-quiz>
- <http://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html?Qualification-Family=GCSE>
- Show My Homework (Revision material)
- Exercise books

# Computer Science

## ASSESSMENT TOPICS:

### PAPER 1 – PRINCIPLES OF COMPUTER SCIENCE

#### o Topic 1- Problem Solving

- Algorithms
- Decomposition and abstraction

#### o Topic 2- Programming

- Develop code
- Constructs
- Data types and structures
- Input/output
- Operators
- Subprograms

#### o Topic 3 – Data

- Binary
- Data Representation
- Data storage and compression
- Encryption
- Databases

#### o Topic 4 – Computers

- Machines and computational modelling
- Hardware
- Logic
- Software
- Programming languages

#### o Topic 5 – Communication and the internet

- Networks
- Network security
- The internet and the world wide web

#### o Topic 6 – The bigger picture

- Emerging trends, issues and impact

### **SKILLS ASSESSED:**

- Demonstrate knowledge and understanding of the key concepts and principles of computer science.
- Apply knowledge and understanding of key concepts and principles of computer science.
- Analyse problems in computational terms:
  - To make reasoned judgements; and
  - To design, program, evaluate and refine solutions.
- Convert between the terms ‘bit, nibble, byte, kilobyte (KB), megabyte (MB), gigabyte (GB), terabyte (TB)’
- Write programs in a high-level programming language

### **REVISION RESOURCES:**

- Pearson’s Computer Science Student Book
- Classwork
- Revision Presentation
- <http://www.bbc.co.uk/education/topics/z9j7hyc>
- Computer Science Revision Booklet
- Class folders with revision notes