



**PLATANOS COLLEGE**

An outstanding school for  
pupils of all abilities

**Year 10**

**Formal Examination Week**

**Monday 18<sup>th</sup> June 2018 to Friday 22<sup>nd</sup> June 2018**

# **Guide to Examinations**

	<p>Make sure that you use the <b>toilet <u>before you line up</u></b> 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, <u>but the labelling must have been removed before the exam</u>.</p>
	<p><b><u>The school day will run as normal</u></b>. 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.</p>
	<p><b>No equipment will be provided for you</b>. The <b>loaning and borrowing</b> of equipment between candidates during examinations is <b><u>not permitted</u></b>. Therefore make sure well in advance of the examination week that you have all the equipment you will need (<b>black pens, pencils, ruler, rubber, calculator, colouring pencils, and spares of everything</b>).</p>
	<p>The only type of <b>pencil-case</b> you are allowed to have on your exam desk is a <b>transparent</b> one. If you haven't yet got one, purchase one in good time for the exams.</p>
	<p>Bring a packet of <b>tissues</b> with you in case you need them.</p>
	<p><b>Mobile phones must be switched off</b>. Smart watches, tablets or any electronic equipment are <b>strictly forbidden</b>, as is any equipment which is likely to make a sound which may distract others.</p>
	<p>There is <b><u>no talking in the examination room</u></b> 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 <b>your paper will be cancelled</b>. Therefore, it is best to remain silent from the time you enter the examination room to the time you leave. <b>In addition, any attempt to distract other candidates, whether verbal or non-verbal, will be dealt with severely</b>.</p>
	<p>Once any instructions have been given and the examination has begun, you may only put up your hand if you are facing an emergency. <b>No questions should be asked about the examination itself</b>, 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.</p>

## **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 Shakespeare's *Macbeth*, Priestley's *An Inspector Calls*, *the Relationships poetry anthology* as well as *Unseen Poetry*. Think about the key characters as well as the themes such as conflict. You will also be assessed on transactional writing which is a requirement of your GCSE English Literature exam.

## 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 comment on the significance of context?

**Assessment Objective 5:** Can I respond adapting the correct form and can I structure my work effectively?

**Assessment Objective 6:** Can I vary my sentence structure as well as my punctuation and vocabulary?

## 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?

For the writing exam, you will be assessed on your ability to respond in the correct form (eg diary entry). You will also be expected to use a range of punctuation effectively. You must also demonstrate the ability to use varied vocabulary.

# English Language

## Topics:

You will be assessed on *Explorations in creative reading and writing* (Language: Paper 1) Section B- this is the writing section. You should revise key language devices as well as their impact as well as how texts are structured in order to have an impact upon a reader. You should also consider how to write creative in order to create an image in your reader's mind.

## Skills:

The following skills will be assessed:

**Assessment Objective 5:** Can I respond adapting the correct form and can I structure my work effectively?

**Assessment Objective 6:** Can I vary my sentence structure as well as my punctuation and vocabulary?

## What should you do to help you revise?

- GCSE Bitesize (website)
- Exam papers
- Use your exercise book
- Read a fiction text

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

You will be assessed on your ability to write creatively using a range of language devices and structural techniques. You will also be assessed on your ability to use a range of punctuation and vocabulary.

# Mathematics

Topics to revise for the assessment:

## HIGHER

<i>Number</i>
<i>Algebra</i>
<i>Interpreting and representing data</i>
<i>Fractions, ratio and percentages</i>
<i>Angles and trigonometry</i>
<i>Graphs</i>
<i>Area and Volume</i>
<i>Transformations and constructions</i>
<i>Equations and inequalities</i>
<i>Probability</i>
<i>Multiplicative reasoning</i>
<i>Geometric proof and congruence</i>
<i>Transforming trigonometric graphs</i>
<i>Statistics</i>
<i>Equations and graphs</i>
<i>Circle theorems</i>
<i>Simplify algebraic fractions</i>
<i>Solving algebraic fraction equations</i>
<i>Vectors and geometric proof</i>
<i>Proportion and graphs</i>

## FOUNDATION

<i>Number</i>
<i>Algebra</i>
<i>Graphs, tables and charts</i>
<i>Fractions and percentages</i>
<i>Equations, inequalities and sequences</i>
<i>Angles</i>
<i>Averages and range</i>
<i>Perimeter, area and Volume</i>
<i>Transformations</i>
<i>Graphs</i>
<i>Ratio and proportion</i>
<i>Right- angles triangles</i>
<i>Probability</i>
<i>Multiplicative reasoning</i>
<i>Constructions, loci and bearings</i>
<i>Quadratic equations and graphs</i>
<i>Fractions, indices and standard form</i>
<i>Congruence, similarity and vectors</i>
<i>Simultaneous equations</i>

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:

### **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

### **B2: Cell division**

- Cell division
- Growth and differentiation
- Stem cells
- Stem cell dilemmas

### **P4 Electric circuits**

- Electrical charges and fields
- Current and charge
- Potential difference and resistance
- Component characteristics
- Series circuits
- Parallel circuits

### **P5 Electricity in the home**

- Alternating current
- Cables and plugs
- Electrical power and potential difference
- Electrical currents and energy transfer
- Appliances and efficiency

### **C2 The periodic table**

- Development of the periodic table
- Electronic structures and the periodic table
- Group 1- the alkali metals
- Group 7- the halogens
- Explaining trends

### **C3 Structure and bonding**

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

***\*Required Practical: Food test***

## 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:

### **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

### **B2: Cell division**

- Cell division
- Growth and differentiation
- Stem cells
- Stem cell dilemmas

### **P4 Electric circuits**

- Electrical charges and fields
- Current and charge
- Potential difference and resistance
- Component characteristics
- Series circuits
- Parallel circuits

### **P5 Electricity in the home**

- Alternating current
- Cables and plugs
- Electrical power and potential difference
- Electrical currents and energy transfer
- Appliances and efficiency

## 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

### **C2 The periodic table**

- Development of the periodic table
- Electronic structures and the periodic table
- Group 1- the alkali metals
- Group 7- the halogens
- Explaining trends
- The transition metals

### **C3 Structure and bonding**

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

### **C4 Chemical calculations**

- Relative formula mass
- Equations and calculations

***\*Required Practical: Titration***

# History

## Topics that will be assessed: Crime and Punishment – Questions 1- 5

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. Causes of Crime:**

- Middle Ages: poverty, famine and war
- Early Modern period: Economic pressure and religious change
- Industrial Britain: Pressure of industrialisation and urbanisation
- 20<sup>th</sup> Century: Changing technology, increase in violent crime and anti-social behaviour

### **2. Nature of Crime:**

- Middle Ages: Vagrancy, heresy and treason
- Early Modern period: Growth of smuggling and highway robbery
- Industrial Britain: Crimes associated with urbanisation, industrial and farming riots
- 20<sup>th</sup> Century: Growth of crimes associated with cars, technology, hooliganism and terrorism

### **3. Policing:**

- Middle Ages: Communal responsibility (hue and cry), role of manor, church and royal courts
- Early Modern period: Growth of civic and parish responsibility, role of JPs
- Industrial Britain: Bow St Runners, Robert Peel, Met police and state police
- 20<sup>th</sup> Century: changing nature of policing in the C20th, transport and communication, community policing

### **4. Punishment**

- Middle Ages: trial by jury and trial by ordeal, harsh nature of punishments
- Early Modern period: Treatment of vagabonds, public punishments: stocks, pillory and executions
- Industrial Britain: Transportation, prison reform: Howard, Fry and Paul, new prison systems
- 20<sup>th</sup> Century: Alternative methods – borstals, open prisons, community service, probation and parole

### **5. Attitudes to crime and punishment:**

- Purposes of punishment over time: Retribution and deterrence and purpose of public punishment
- Concept of banishment in C18th and C19th
- Use of prisons to punish and reform in the C19th
- Changes in attitudes in the 20th Century: dealing with young offenders, abolition of the death sentence; attempts to rehabilitate and make amends

## Skills that will be assessed:

Pupils will be assessed in the following areas:

- Recalling of key information and making a judgement.
- Analysing sources – including authorship and purpose of a source.
- Students should learn the exam techniques as set out on their mark schemes for Questions 1-6b.

## Resources to use for revision:

- <http://www.bbc.co.uk/education/topics/z3gg87h/resources/1> - Clips to use
- <http://www.crimeandpunishmentthroughtime.co.uk/> - Some good revision tools
- <https://www.slideshare.net/davew1968/crime-and-punishment-gcse-shp-revision-mindmaps> - Good mind maps for revision

# 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 intentions 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 and Islam

During their study of R.E. Year 10 pupils have been studying the topics as listed below. Pupils will be assessed on these topics:

### **Key Beliefs:**

1. Causation
2. Holy Trinity
3. Creation – Religious and Scientific beliefs
4. Life after Death

### **Jesus Christ:**

1. The Incarnation
2. The Crucifixion
3. The Resurrection
4. The Ascension
5. Sin
6. Salvation

### **Festivals:**

1. Worship
2. Prayer
3. Sacraments
4. Baptism
5. Eucharist
6. Pilgrimage

### **The role of the Church:**

5. Church and Local Community
6. Evangelism and Church growth
7. Reconciliation
8. Persecution
9. Christian Agencies

## Skills that will be assessed:

Pupils will be assessed in the following areas:

- Recalling of key information
- Reaching a judgement
- Extended writing on a theme
- Using religious teachings to understand points of view

## Resources to use for revision:

- <http://www.bbc.co.uk/education/topics/zdprkqt> - GCSE bitesize with clips on Key beliefs
- <http://world-faiths.com/islam/> - Revision tests

### **Key beliefs in Islam:**

1. Six articles of faith in Sunni Islam
2. The five roots of Usul ad-Din in Shi'a Islam
3. The Oneness and Nature of God

### **Authority:**

1. Prophethood
2. The Qur'an
3. Other Holy Books
4. The Imamate in Shi'a Islam

### **Worship:**

1. Five Pillars
2. Shahadah
3. Salah

### **Duties and festivals:**

1. Sawm
2. Zakat
3. Hajj and Eid-ul-Adha
4. Jihad
5. 10 Obligatory Acts of Shi'a Islam
6. Eid ul-Fitr
7. Ashura

# 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/sjb\\_physed/GCSEPE.html](http://www.geocities.com/sjb_physed/GCSEPE.html)

[www.bbc.co.uk/sport/](http://www.bbc.co.uk/sport/) (Choose practical activity)

## Topics that youll be assessed in:

**Components of Fitness**

**Health and Fitness**

**Principles of Training**

**Performance**

**Enhancing Drugs**

**Sports Psychology**

**Feedback, goal setting and smart targets.**

**Skill and Ability**

**Information**

**Processing Model**

# Business Studies

## ASSESSMENT TOPICS:

### THEME 1

#### o Unit 1.1- Enterprise and entrepreneurship

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

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

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

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

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

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

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

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

- o Business Stakeholders
- o Technology and Business
- o Legislation and Business
- o The Economy and Business
- o 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](#)
- [Revision Guides](#)

## **Additional notes**

***Media Studies:*** *There will be no formal examination as the focus this term has been on completing course work.*

***Drama:*** *There will be a formal examination for Drama. The Drama department will release relevant information closer to the time of the examination.*