



PLATANOS COLLEGE

An outstanding school for
pupils of all abilities

Year 10

Formal Examination Week

Monday 5th February 2018 to Friday 9th February 2018

Guide to Examinations

	<p>Make sure that you use the toilet <u>before you line up</u> 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><u>The school day will run as normal.</u> 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>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).</p>
	<p>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.</p>
	<p>Bring a packet of tissues with you in case you need them.</p>
	<p>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.</p>
	<p>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.</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. 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.</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

Topics:

You will be assessed on Shakespeare's *Macbeth*. 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?

What should you do to help you revise?

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

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

You will have a reading and a writing exam.

You will be given an extract from the play and must then use the extract to respond to the questions (Reading paper).

You will be expected to demonstrate the ability to analyse the language and structure in the extract.

Furthermore, you must be able to comment on the context of the play and its relevance.

In the Language exam, you will be expected to identify key information in the text. You will also be expected to comment on the writer's use of language.

Mathematics

Topics to revise for the assessment:

Higher tier

Pythagoras theorem
Solve equations
Subject of formula
Probability
Venn diagrams
Problem solving
Volume of prism
Simultaneous equations
Area/Perimeter of rectangle and trapezium
Percentages
Two way table
Completing the square

Foundation tier

Percentages
Coordinates
Gradient
Worded problems
Solving equations
Substitution
Pythagoras Theorem
Area/Perimeter of rectangle and trapezium
Two way table
Volume of prism
Sequences
Angles

Online Revision resources:

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

Reproduction:

- Types of reproduction
- Cell division in sexual reproduction
- DNA Genome
- Inheritance in action
- More about genetics
- Inherited disorders
- Screening for genetic disorder

Variation and evolution:

- Variation
- Evolution by natural selection
- Selective breeding
- Genetic engineering
- Ethics of genetic technology

Adaptation, interdependence and competition:

- The importance of communities
- Organisms in their environment
- Distribution and abundance
- Competition and adaptation in animals
- Competition and adaptation in plants
- Adapt and survive

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/>

Outline of exam paper:

Example of exam papers and mark schemes can be found on this official AQA website: <http://www.aqa.org.uk>

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:

B10 The Human Nervous System:

- The brain
- The eye
- Common problems of the eye

B13 Reproduction:

- Types of reproduction
- Cell division in sexual reproduction
- Best of both worlds
- DNA Genome
- DNA structure and protein synthesis
- Gene expression and mutation
- Inheritance in action
- More about genetics
- Inherited disorders
- Screening for genetic disorder

B14 Variation and Evolution:

- Variation
- Evolution by natural selection
- Selective breeding
- Genetic engineering
- Cloning
- Adult cell cloning
- Ethics of genetic technology

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>
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Outline of exam paper:

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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.historyonthenet.com/worksheets/the-tudors-worksheets/>
- http://www.bbc.co.uk/bitesize/ks3/history/tudors_stuarts/elizabeth_i/revision/1/

Outline of exam paper:

As this is a new specification, there are no past papers and limited practice exam questions. A mark scheme has been given to each student, and teachers will disseminate a revision pack before the exams. Students should use their exercise books to revise for this unit.

Modern Foreign Languages (MfL)

TOPIC: *Mi vida en el insti*

OUTLINE OF THE EXAM

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

- understand people talking about school life.
- describe the school day using the **present tense** and explain the rules of your school using verbs such as *está prohibido* followed by an **infinitive**.
- describe your school using **negatives** and comparing then (**imperfect tense**) and now (**present tense**).
- talk about plans for a school exchange using the **near future tense**.
- talk about activities and achievements using **object pronouns**.

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 more extended texts 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

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, recording 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>

Your success criteria is available from your Art teacher.

Religious Education

Topics that will be assessed: The role of the Church, Key beliefs in Islam, Authority in Islam and Worship in Islam

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

The role of the Church:

1. Church and Local Community
2. Evangelism and Church growth
3. Reconciliation
4. Persecution
5. Christian Agencies

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

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

Drama

1. What were some of the significant moments during the development process and when rehearsing and refining your work?
2. How did you consider genre, structure, character, form, style, and language throughout the process?

Your mock exam for this stage of the course will be to, under exam conditions, complete your 600 word section of the portfolio to write about your work during weeks 3, 4 and 5.

In doing so, you must address the above questions.

To prepare, make sure you have:

- a) made detailed notes after all devising sessions for AO1 and AO4;
- b) made lists of the key vocabulary from the word wall to gain marks in using specialist terminology for AO1.

Week 3, Week 4 & Week 5

Write about your devising process over week 3 and 4 then your refinement process in week 5. Refer to your log from the sessions in weeks 3 and 4 where you may have developed work through improvisation, hot seating, experimenting with space, using pieces of music / sound and using method processes.

Evaluate your contribution to the refinement process in Week 5.

You should write specifically about Meeting 3, where on the agenda you had 'Decisions about genre, structure, character, form, style and language' as a priority. What did you decide and why? Evaluate your own contributions.

Make sure you show the Health & Safety concerns you covered either in the sessions or the meeting time.

A success criteria is available from your teacher.

Physical Education

How should I revise?

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

Where should I revise?

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

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

Specific PE tips:

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

Try these websites:

www.s-cool.co.uk

www.teachpe.com/gcse_pe_exam_revision_questions_answers

www.bbe.co.uk/schools/gcsebiteize/pe

www.geocities.com/sjb_physed/GCSEPE.html

www.bbc.co.uk/sport/ (Choose practical activity)

Topics that you'll be assessed in:

Information Processing Model

Target Setting

Guidance

Types of feedback

Arousal

Aggression

Personality Types

Motivation

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

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](#)