PLATANOS COLLEGE

An outstanding school for pupils of all abilities

Year 11

Formal Examination Week

Monday 8th January 2018 to Friday 12th January 2018

Guide to Examinations

	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 examinations have 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>.
	**<u>The school day will run as normal</u>, beginning with registration. <u>You will be in normal lessons when you do not have a timetabled examination.</u>**
	**Equipment will not be provided for you**. The **loaning and borrowing** of equipment between candidates during examinations is **<u>not permitted</u>**. 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 examination 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 **<u>no talking</u> in the examination room** under any circumstances. Unless an invigilator/ teacher 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: **your paper will be cancelled and you will achieve an automatic Saturday morning detention**. 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 work! **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 – staying 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, play football, 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 or on your mobile phone and tablet.
- Make sure you know what equipment you will need for each examination. Make sure you know which exams 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 <u>transparent pencil case</u>**
- **Several <u>black</u> pens and pencils**
- **A rubber, ruler and pencil-sharpener**
- **Mathematical equipment (protractor, set-square, compasses and a working <u>scientific</u> calculator).**

English Language

AQA Language Paper 1

Topics:

You will be assessed on the skills you have developed over the course of the autumn term. You must

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 4: Can I evaluate how effective an author is?

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)
- Use your exercise book
- Use the exam guidance cards given to you in lessons

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

You will be assessed on both the reading and the writing section.

You will have 1 hour and 45 minutes to complete this exam.

In part a, you will be given an extract and will be asked to respond to questions about the extract.

Part b will ask you to write creatively. It will test your knowledge of creative writing, your ability to use a range of vocabulary as well as your command of grammar and punctuation.

English Literature

Jekyll and Hyde

Topics:

You will be assessed on R.L. Stevenson's *Dr Jekyll and Mr Hyde.* Think about the key characters as well as the themes such as the duality of man. You must consider the language used, the structure of the novel and the context of the novel.

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
- *Jekyll and Hyde* Revision guide

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

You will be assessed on both part a and part b of this section.

You will have 55 minutes in total to complete both sections.

In part a, you will be given an extract from the novel and must then use the extract to respond to the question.

Part b will ask you a question that assesses your overall knowledge of the text - you must refer to the text to answer this question.

Mathematics

There are three examination papers:

Higher Non Calculator paper 1	Higher Calculator paper 2	Higher Calculator paper 3
Write coordinates from scatter graph	Relative frequency	Complete Venn diagram
Describe correlation	Solve ratio, fraction and percentage problem	Find probability from Venn diagram
Use line of best fit	Draw front and side elevations of prism	Solve simultaneous equations
Interpret scatter graph	Solve average speed problem	Find median from table of grouped data
Express number as product of prime factors	Interpret average speed statement	Interpret probability statement
Multiply decimals	Find length using similar triangles	Solve fraction, percentage and ratio problem
Use area of square to derive expression	Find length using similar triangles	Solve polygon problem
Solve Pythagoras and density problem	Solve compound interest problem	Solve density problem
Show two lines are parallel	Write down error interval	Use sine to find missing length in triangle
Solve mean problem	Estimate value from cumulative frequency graph	Solve area problem to find missing length
Write number in ordinary form	Interpret combinations of transformations	Find IQR from box plot
Divide two numbers in standard form	Use standard form place value	Draw box plot from given data
Solve reverse percentage VAT problem	Subtract numbers in standard form	Interpret statement on two box plots
Multiply three brackets	Interpret numbers in standard form	Solve compound interest problem
Find turning point of graph	Solve algebraic fractions equation	Interpret combinations statement
Estimate roots of graph	Interpret conditional probability tree diagram	Solve ratio problem
Estimate function from graph	Interpret probability statements	Write down inequalities from given graph
Use negative, fractional indices	Estimate value from histogram	Simplify algebraic fraction
Use fractional indices	Match equations with graphs	Change subject of formula
Use inverse proportion to derive equation	Prove two triangles inside a circle are similar	Solve area and surds problem to find missing value
Use inverse proportion to find value	Convert recurring decimals to fractions	Use iteration
Solve ratio and fraction problem	Find shaded area as percentage of circle sector	Interpret iteration
Estimate height of cone from volume and radius	Solve fractional indices problem	Solve bounds and average speed problem
Interpret estimation of height	Subtract and manipulate algebraic fractions	Interpret bounds and average speed problem
Prove give expression is always even	Estimate graphical solution to quadratic equation	Solve arc length problem
Solve conditional probability problem	Estimate gradient of point on quadratic graph	Solve quadratic inequality
Find equation of diagonal in rhombus	Solve area problem	Interpret exponential equation

Solve vector problem	Find nth term of quadratic sequence	Translate and sketch equation of circle
Solve simultaneous equations of circle and line	Find equation of tangent to circle at given point	
Find geometric proof from given information		
Prove given value of cosine of angle in diagram		

Foundation Non Calculator paper 1	Foundation Calculator paper 2	Foundation Calculator paper 3
Multiply an integer by a power	Simplify expression	Read data in table
Round to 3 decimal places	Simplify expression	Interpret data in table
Simplify expression	Simplify expression	Write expression from given information
Solve linear equation	Round decimal to one significant figure	Use place value
Convert fraction to percentage	Interpret dual bar chart	Solve fraction of a quantity problem
Find percentage of quantity	Add information to dual bar chart	Write ratio
Use probability scales	Interpret dual bar chart	Use ratio
Solve money problem	Interpret dual bar chart	Interpret statement on median of small data set
Multiply fractions	Write fractions in order of size	Find range of small data set
Subtract fractions	Interpret tally chart	Find mean of small data set
Solve money and rate of pay problem	Interpret pictogram	Write down combinations
Write a ratio	Solve fraction word problem	Solve deposit and instalment money problem
Interpret sequence diagram	Use 1 - p	Solve time problem
Interpret sequence diagram	Find square number in list	Solve distance proportion problem
Interpret sequence diagram	Find multiple in list	Substitute number into formula
Find probability	Find all prime numbers in list	Change subject of formula
Estimate height from diagram	Use algebra to find missing angle	Interpret statement on volume
Estimate height from diagram	Solve money problem	Draw cuboid and find surface area
Draw a pie chart	Use conversion graph from imperial to metric	Solve angles in a triangle problem
Interpret pie chart	Use conversion graph from imperial to metric	Solve money problem including exchange rates
Solve area problem	Use calculator to find value of sum	Interpret effect of exchange rate on total cost
Substitute numbers into formula	Rotate shape	Complete Venn diagram
Solve proportion weight problem	Describe single transformation	Find probability from Venn diagram
Estimate answer to area problem	Factorise expression	Solve simultaneous equations

Interpret estimate answer	Factorise expression	Find median from table of grouped data
Solve linear equation	Convert standard form to ordinary number	Interpret probability statement
Use inequality notation	Multiply numbers in standard form	Solve fraction, percentage and ratio problem
Find amount after percentage increase	Find loci on scale drawing	Solve polygon problem
Write coordinates from scatter graph	Use 1 - p and relative frequency	Solve density problem
Describe correlation	Solve ratio, fraction and percentage problem	Show two right-angled triangles are similar
Use line of best fit	Draw front and side elevations of prism	Complete table of values for exponential graph
Interpret scatter graph	Solve average speed problem	Draw exponential graph from table of values
Express number as product of prime factors	Interpret average speed statement	Find bounds of rounded value
Multiply decimals	Find length using similar triangles	Find value before percentage increase
Use area of square to derive expression	Find length using similar triangles	
Solve Pythagoras and density problem	Solve compound interest problem	
Show two lines are parallel	Write down error interval	
Find vector in parallelogram	Solve quadratic equation	
	Find nth term of linear sequence	
	Use nth term of quadratic sequence	

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. Mathegenie: 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)

Further information:

Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3.

Each paper is 1 hour 30 minutes long. Each paper has 80 marks.

Science – *Double Award* (Band A sets 2 & 3, Band B and Band C)

(Band A sets 2 & 3, Band B and Band C)

Topics that will be assessed:

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

C6 Electrolysis

- Introduction to electrolysis
- Changes at electrodes
- The extraction of aluminium
- Electrolysis of aqueous solutions

C7 Energy changes

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

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
- http://www.freesciencelessons.com
- 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* (Band A sets 1 & 2)

Topics that will be assessed:

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

C6 Electrolysis

- Introduction to electrolysis
- Changes at electrodes
- The 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

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
- http://www.freesciencelessons.com
- 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

Modern Foreign Languages (MfL)

OUTLINE OF THE EXAM: LISTENING

HIGHER - You will have 40 minutes and 5 minutes reading.
FOUNDATION - You will have 30 minutes and 5 minutes reading.

OUTLINE OF THE EXAM: READING

HIGHER - You will have 1 hour.
FOUNDATION - You will have 45 minutes.

OUTLINE OF THE EXAM: WRITING

HIGHER - You will have 40 minutes.
FOUNDATION - You will have 30 minutes.

TOPICS

You must revise key vocabulary on the topics below. Please find vocabulary list attached.

- ❑ Holidays (Desconéctate)
- ❑ School (Mi vida en el insti)
- ❑ Family and friends (Mi gente)
- ❑ Free time (Intereses e influencias)
- ❑ My neighbourhood (Ciudades)
- ❑ Healthy living and daily routine (De costumbre)
- ❑ Work experience (A currar)
- ❑ Environment (Hacia un mundo mejor)

SKILLS THAT WILL BE ASSESSED

- ❑ Students will be assessed in three different skills: Listening , Reading and Writing.

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/)

History

Topics that will be assessed: Germany 1919-39: Year 11 pupils have been studying the topics as listed below. Their forthcoming exam will be in the style of a GCSE paper.

1. Impact of the First World War:
- Impact of the Treaty of Versailles
- Weaknesses of the Weimar government
- Threats from the left and right
- 1923, the year of crisis: Invasion of the Ruhr, Hyperinflation and Munich Beer Hall Putsch

2. Recovery of Weimar:
- Economic recovery from Hyperinflation: Dawes and Young Plan, US investment
- Political recovery: Locarno Pact, League of Nations, Social developments

3. End of the Weimar Republic:
- Impact of the Depression
- Hitler's electoral appeal and Propaganda
- The role of the SA
- Political scheming i.e. How Hitler became Chancellor after Von Papen and Von Schleicher

4. Hitler's consolidation of power
- Reichstag Fire and March 1933 elections
- Enabling Act
- Banning of trade unions and political parties
- Night of the Long Knives
- Hitler becoming Fuhrer

5. Life in Nazi Germany
- Workers
- Women
- The youth
- Racial Policy
- Propaganda and Censorship
- Terror state

6. Foreign Policy
- Foreign policy aims
- Foreign policy events e.g. rearmament and conscription, Rhineland, Anschluss, Czechoslovakia and Poland

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.
- Analysing interpretations to assess the validity and reasons for difference
- Students should learn the exam techniques as set out on their mark schemes for Questions 1-5.

Resources to use for revision:
- http://www.bbc.co.uk/schools/gcsebitesize/history/mwh/germany/ - Good mind maps and quizzes
- https://www.slideshare.net/wal147/germany-1919-1945-revision-facts-book - Good for mind maps
- http://www.crownhills.com/Downloads/German_Depth_Study_Revision_Guide%20STE.pdf – Good for overview

Art

Recording to support ideas

Outline of the exam

You will have 3 hours in lesson to select an image which relates to your design intentions and 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

Success Criteria for the exams will be available from your Art teacher

Technology

Designing and Making

Investigating / Designing / Making / Analysing and Evaluating

- **Key areas for revision:**
- A Design brief
- A specification
- Design ideas
- Process in Making
- Joining of materials
- An Evaluation

Assessment Criteria:

- Generate, develop, model and communicate ideas in a range of ways, using appropriate strategies
- Respond creatively to briefs, developing their own proposals and
- producing specifications for products
- Apply their knowledge and understanding of a range of materials, ingredients and technologies to design and make their products
- Use their understanding of others' designing to inform their own
- Plan and organise activities and then shape, form, mix, assemble and finish materials, components or ingredients

Success Criteria for assessment will be available from your Technology teacher

Religious Studies

Topics that will be assessed: Christianity

During this year, Year 11 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

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/z6bw2hv - *GCSE Bitesize* with clips on Key beliefs
- http://world-faiths.com/christianity/ - Revision tests

Drama

You will be examined on the Blue Stockings part of your written paper.

You will also be examined on HALF (i.e. one extract from ‘Othello’) of your Component 2 exam, which is the live performance work in front of a visiting examiner.

For Component 3 (‘Blue Stockings’ section)

- Use the notes you made targeting the particular skills needed for each question on the ‘Blue Stockings’ part of Component 3. The format of the exam will be exactly the same. Only the extract will be different. Reread the play to familiarise yourself with the plot and character development.

For Component 2

- Marked out of 48
- AO2
- Vocal and physical skills /8 x 2 Work on clarity of speech, the use of space to create meaning, varying the levels, timbre and tone in your voice, varying the pace of your delivery for impact, creating movements that add the communication and interest in the piece. Overall, you need to rehearse to a level whereby you can demonstrate outstanding technical control of your voice and movement in their full ranges.
- Characterisation and communication /8 x 2 Research your character, not just in looking at other actors’ depictions on YouTube clips, but also reading material about the role as English Literature students. Plan to convey your learning about your character into your choices of movement, action and use of voice. Rehearse with your partner if it’s a duologue to enhance the rapport between you. Another useful way of preparing for this is to makes notes on your script about what has just happened to your character before the scene starts to help you show greater awareness of context.
- Artistic intention and style / genre / theatrical convention /8 x 2 Look at the ‘No Fear Shakespeare notes about Othello online for modern translations of your scenes. This will help you interpret your text in its modern setting. Research the tragedy genre and its conventions then find moments in your delivery to use some of them to show awareness of tragedy.

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 15 minutes 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 i.e. 3 marks means write 3 answers
o Give specific physical activity examples do not just name a sport i.e. dodging your opponent in Basketball
o 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/gcsebitesize/pe
www.geocities.com/sjb_physed/GCSEPE.html
www.bbc.co.uk/sport/ (Choose practical activity)

Topics that youll be assessed in:

- Components of fitness
- Fitness Tests
- The structure of the musculoskeletal system
- The structure of the cardio-respiratory system
- Joints/synovial joints
- Muscle movement
- Gaseous Exchange
- Principles of training
- Types of Training
- Effective use of warm up and cool down

Additional information

Media Studies

The current focus in Media Studies lessons is the controlled assessment. As a result there will be no Media Studies formal examination.

A grade will still be provided for Media Studies.

Business Studies

The current focus in Business Studies lessons is the controlled assessment. As a result there will be no Business Studies formal examination.

A grade will still be provided for Media Studies.

Computer Science

The current focus in Computer Science lessons is the controlled assessment. As a result there will be no Computer Science formal examination.

A grade will still be provided for Media Studies.

For further information please speak with your subject teacher/s.