



PLATANOS COLLEGE

An outstanding school for
pupils of all abilities

Year 11

Formal Examinations

Monday 4th March 2019 to Wednesday 13th March 2019

Guide to Examinations

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 lack of effort in the past, but it can help you make the best use of the time you have left before your examinations. The most important thing is to **listen** and **participate** in lessons. 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, mobile phone, tablet 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 examinations are on which days.
- If you are ill on the day of an examination, make sure your parent/ carer 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

WARNING

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 Language

Language Paper 1

Topics:

You will be assessed on an unseen fiction extract. Analyse and evaluate the language used by the writers as well as the structure of the text and how this might affect the readers. You will also be asked to write your own fiction piece, including detailed description and a range of language techniques.

- **Question One:** List four things... (4 marks)
- **Question Two:** How does the writer use language to...? (8 marks)
- **Question Three:** How is the text structured to interest you as a reader? (8 marks)
- **Question Four:** *A student having read this section of the text said "...". To what extent do you agree?* (20 marks)

Language Paper 2

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.

- **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)

English Literature

Literature Paper 1

Topics:

You will be assessed on your analysis of Shakespeare's *Macbeth* and Priestley's *An Inspector Calls*. Think about how the writers use vocabulary, language devices and punctuation to affect the readers and use quotations from the plays to make inferences about character or setting, considering the writer's intention and linking your response to the contexts.

Section A: Macbeth

- a) Explore how Shakespeare presents ... in this extract (AO2 - **20 marks**)
- b) Explain the importance of ... elsewhere in the play. (AO1 & 3- **20 marks**)

Section B: AN Inspector Calls

You have a CHOICE of two questions

EITHER: Explore how _____ is important in the play.

OR: In what ways is _____ presented/ affected in the play?

(AO1 – **16 marks** , AO3 **16 marks** & AO4 – **8 marks**)

Answer ONE question only from the choice. Questions are linked to a quotation from the play.

Literature Paper 2

Topics:

You will be assessed on your analysis of R. L. Stevenson's *Jekyll and Hyde*, poetry from the Relationship Anthology and unseen poetry. Think about how the writers use vocabulary, language devices and punctuation to affect the readers and use quotations from the novel to make inferences about character or setting, ensuring you explain what you have inferred in detail.

Section A: Jekyll and Hyde

- a) Explore how Stevenson presents ... in this extract. (AO2 - 20 marks)
- b) Explain why _____ is important elsewhere in the novel. (AO1- 20 marks)

Section B: Poetry

1) Anthology

Re-read _____. Choose one other poem from the *Relationships* anthology.

Compare how _____ is presented in the two poems. (AO2 & 3 - 20 marks)

2) Unseen Poetry

Compare the ways the writers present _____ in the two poems. (AO1 & 2 - 20 marks)

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?

Assessment Objective 5: Can I structure my work effectively using paragraphs and include relevant language features?

Assessment Objective 6: Can I spell a range of advanced vocabulary correctly and use accurate spelling, punctuation and grammar?

What should you do to help you revise?

- GCSE Bitesize (website)
- Read extracts of the play
- Use your exercise book
- GCSE Revision guides
- School revision guides

Mathematics

There are three examination papers:

Pupils have been given the checklist of topics that is needed for revision. These examinations are full mocks.

Please see Ms Bahia if you have not received a checklist of topics by your Mathematics teacher.

Online Revision resources:

1. *Mymaths*: www.mymaths.com
2. *SAM Learning*: www.samlearning.com
3. *BBC Bitesize KS4*: <http://www.bbc.co.uk/education/levels/z4kw2hv>
4. *Maths Watch*: www.mathswatchvle.com
5. *Corbettmaths*: www.Corbettmaths.com
6. *Maths genie*: 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 – Triple Award

Topics that will be assessed:

During this term, Year 11 pupils have been studying the topics as listed below. Pupils will be assessed on these topics (Physics Paper 1):

Biology paper 1 – full paper 1 hour and 45 minutes

<p>B1 Cell structure and transport</p> <ul style="list-style-type: none"> • The world of microscope • Animal and plant cells • Eukaryotic and prokaryotic cells • Specialisation in animal cells • Specialisation in plant cells • Diffusion • Osmosis • Active transport • Exchanging materials 	<p>B2: Cell division</p> <ul style="list-style-type: none"> • Cell division • Growth and differentiation • Stem cells • Stem cell dilemmas 	<p>B3: Organisation and the digestive system</p> <ul style="list-style-type: none"> • Tissues and organs • The human digestive system • The chemicals in food • Catalysts and enzymes • Factors affecting enzyme action • How the digestive system works • Making digestion efficient
<p>B4 Organising animals and plants</p> <ul style="list-style-type: none"> • The blood • The blood vessels • The heart • Helping the heart • Breathing and gas exchange • Tissues and organs in plants • Transport systems in plants • Evaporation and transpiration • Factors affecting transpiration 	<p>B5: Communicable diseases</p> <ul style="list-style-type: none"> • 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 	<p>B6: Preventing and treating disease</p> <ul style="list-style-type: none"> • Vaccination • Antibodies and painkillers • Discovering drugs • Developing drugs • Making monoclonal antibodies • Uses of monoclonal antibodies
<p>B7: Non-communicable diseases</p> <ul style="list-style-type: none"> • Non-communicable diseases • Cancer • Smoking and the risk of disease • Diet, exercise, and disease • Alcohol and other carcinogens 	<p>B8: Photosynthesis</p> <ul style="list-style-type: none"> • Photosynthesis • Rate of photosynthesis • How plants use glucose • Making the most of photosynthesis 	<p>B9 Respiration</p> <ul style="list-style-type: none"> • Aerobic respiration • The response to exercise • Anaerobic respiration • Metabolism and the liver

Chemistry paper 1 – full paper 1 hour and 45 minutes

<p>C1: Atomic structure</p> <ul style="list-style-type: none"> • Atoms • Chemical equations • Separating mixtures • Fractional distillation and chromatography • History of atom • Structure of an atom • Ion, atom and isotopes • Electronic structures 	<p>C2: The periodic table:</p> <ul style="list-style-type: none"> • Development of the periodic table • Electronic structures and the periodic table • Group1- the alkali metals • Group7- the halogens • Explaining trends 	<p>C3: Structure and bonding</p> <ul style="list-style-type: none"> • 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 • Application of nanoparticles
<p>C4: Chemical calculations</p> <ul style="list-style-type: none"> • Relative masses and moles • Equations and calculations • From masses to balanced equations • Yield of a chemical reaction • Atom economy • Expressing concentrations • Titrations • Titration calculations • Volume of gases 	<p>C5: Chemical changes</p> <ul style="list-style-type: none"> • The reactivity series • Displacement reactions • Extracting metals • Salts from metals • Salts from insoluble bases • Making more salts • Making more salts • Neutralisation and the pH scale • Strong and weak acids 	<p>C6: Electrolysis</p> <ul style="list-style-type: none"> • Introduction to electrolysis • Changes at the electrode • Introduction to electrolysis • Changes at the electrodes • Extraction of aluminium • Electrolysis of aqueous solutions
<p>C7: Energy changes</p> <ul style="list-style-type: none"> • Exothermic and endothermic reactions • Using energy transfers from reactions • Reaction profiles • Bond energy calculations • Chemical cell and batteries • Fuel cells 		

Science – Combined Award

Topics that will be assessed:

During this term, Year 11 pupils have been studying the topics as listed below. Pupils will be assessed on these topics.

Biology paper 1 Higher and Foundation (Full paper: 1hr 15 minutes)

<p>B1 Cell structure and transport</p> <ul style="list-style-type: none"> • The world of microscope • Animal and plant cells • Eukaryotic and prokaryotic cells • Specialisation in animal cells • Specialisation in plant cells • Diffusion • Osmosis • Active transport • Exchanging materials 	<p>B2: Cell division</p> <ul style="list-style-type: none"> • Cell division • Growth and differentiation • Stem cells • Stem cell dilemmas 	<p>B3: Organisation and the digestive system</p> <ul style="list-style-type: none"> • Tissues and organs • The human digestive system • The chemicals in food • Catalysts and enzymes • Factors affecting enzyme action • How the digestive system works • Making digestion efficient
<p>B4 Organising animals and plants</p> <ul style="list-style-type: none"> • The blood • The blood vessels • The heart • Helping the heart • Breathing and gas exchange • Tissues and organs in plants • Transport systems in plants • Evaporation and transpiration • Factors affecting transpiration 	<p>B5: Communicable diseases</p> <ul style="list-style-type: none"> • 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 	<p>B6: Preventing and treating disease</p> <ul style="list-style-type: none"> • Vaccination • Antibodies and painkillers • Discovering drugs • Developing drugs
<p>B7: Non-communicable diseases</p> <ul style="list-style-type: none"> • Non-communicable diseases • Cancer • Smoking and the risk of disease • Diet, exercise, and disease • Alcohol and other carcinogens 	<p>B8: Photosynthesis</p> <ul style="list-style-type: none"> • Photosynthesis • Rate of photosynthesis • How plants use glucose • Making the most of photosynthesis 	<p>B9 Respiration</p> <ul style="list-style-type: none"> • Aerobic respiration • The response to exercise • Anaerobic respiration • Metabolism and the liver

Chemistry paper 1 Higher and Foundation (Full paper: 1 hr 15 minutes)

<p>C1: Atomic structure</p> <ul style="list-style-type: none"> • Atoms • Chemical equations • Separating mixtures • Fractional distillation and chromatography • History of atom • Structure of an atom • Ion, atom and isotopes • Electronic structures 	<p>C2: The periodic table:</p> <ul style="list-style-type: none"> • Development of the periodic table • Electronic structures and the periodic table • Group1- the alkali metals • Group7- the halogens • Explaining trends 	<p>C3: Structure and bonding</p> <ul style="list-style-type: none"> • 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
<p>C4: Chemical calculations</p> <ul style="list-style-type: none"> • Relative masses and moles • Equations and calculations • From masses to balanced equations • Expressing concentrations 	<p>C5: Chemical changes</p> <ul style="list-style-type: none"> • The reactivity series • Displacement reactions • Extracting metals • Salts from metals • Salts from insoluble bases • Making more salts • Making more salts • Neutralisation and the pH scale • Strong and weak acids 	<p>C6: Electrolysis</p> <ul style="list-style-type: none"> • Introduction to electrolysis • Changes at the electrode • Introduction to electrolysis • Changes at the electrodes • Extraction of aluminium • Electrolysis of aqueous solutions
<p>C7: Energy changes</p> <ul style="list-style-type: none"> • Exothermic and endothermic reactions • Using energy transfers from reactions • Reaction profiles • Bond energy calculations 		

Science – *both awards*

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>

Modern Foreign Languages

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:

- 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)

Pupils will be assessed in two 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: USA 1930-2000

Year 11 pupils have been studying the topics as listed below. Their forthcoming exam will be in the style of a GCSE paper.

1 – US economy 1930-39

- The impact of the Wall St. Crash
- Republican attempts to deal with the crisis
- Life during the Depression
- Roosevelt and the New Deal

2 – US economy 1940-50

- Industrial output in WW2
- Fair Deal - post-war affluence
- Consumerism and suburbanization
- `Poverty amidst plenty` - How not all people got the fair deal

3 – Civil Rights 1940-70

- The contribution of black Americans to WW2
- The issue of education –Brown vs Topeka, Little Rock High, James Meredith
- Montgomery Bus Boycott
- The roles of Martin Luther King and Malcolm X
- Civil Rights legislation

4 –Political change 1960-2000

- The domestic policies of Kennedy
- Nixon and Watergate
- The Reagan Years
- Changes under Bush Senior and Clinton

5 – Social change 1960-2000

- Changes in music, entertainment, media and literature
- Changes in youth culture and student protest
- The changing role of women

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/tch_wjec/usa19292000/ - Good for testing and revision
- <http://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0ahUKEwi3s8vAiMTZAhUpLcAKHcxLBBwQFggyMAE&url=http%3A%2F%2Fwww.crownhills.com%2FDownloads%2FUSA%2520Revision%2520Guide%2520STE%2520v4.pdf&usq=AOvVaw1j9fOaSFMVGUoYsvZ800ul> – Revision booklet
- <https://getrevising.co.uk/grids/wjec-usa-the-development-of-the-usa> - Timeline
- ShowMyHomework – revision guides available.

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 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 examination is available from Ms McAteer.

Religious Studies

Year 11 Revision guidance – Religious Education

Topics that will be assessed: Thematic Studies in Religious Education

Year 11 pupils have been studying the topics as listed below. Pupils will be assessed on these topics:

Religion, Peace and Conflict:

1. Forgiveness and Reconciliation.
2. Violent Protest and Terrorism.
3. Causes of War.
4. Nuclear War.
5. Just War and Holy War.
6. Peacekeeping.
7. Religious arguments for all of the above

Religion and Life:

1. Beliefs on the start of the universe
2. Stewardship and Khalifa
3. How humans protect/exploit the environment
4. Religious and non-religious ideas about abortion
5. Religious and non-religious ideas about euthanasia
6. Religious and non-religious ideas about life after death

Religion, Relationships and Family:

1. Religious beliefs on pre-marital sex and contraception
2. Legal and Religious beliefs on homosexuality
3. Non-religious and Religious beliefs on marriage
4. Sociological and Religious beliefs on family
5. Religious beliefs divorce and re-marriage
6. Gender roles in religion

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:

- <https://studywise.co.uk/gcse-revision/religious-studies/> - revision notes and tests
- <http://world-faiths.com/christianity/> - Revision tests
- <http://resources.edugas.co.uk/Pages/ResourceSingle.aspx?rlid=724> – revision notes from the exam board. Check topic areas against those above.

Outline of exam paper:

Mark schemes have been given to each student, and teachers will disseminate a revision pack of questions before the exams.

Physical Education

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

**Students will be sitting two AQA GCSE Physical Education Paper
1 hour 15 minutes written paper.**

The Exam

- The first questions 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 ie 3 marks means write 3 answers
- Give specific physical activity examples do not just name a sport ie 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/gcsebitesize/pe

www.geocities.com/sjb_physed/GCSEPE.html

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

Topics that you will be assessed in:

- **Levers**
- **Planes of axes/movement**
- **Fitness components**
- **Types of training**
- **Fitness testing**
- **Muscular- Skeletal System**
- **Joints**

Business Studies

<p>Unit 1.1- Enterprise and entrepreneurship</p> <ul style="list-style-type: none"> • The Dynamic Nature of Business • Risk and Reward • The Role of Business Enterprise 	<p>Unit 1.2- Spotting a business opportunity</p> <ul style="list-style-type: none"> • Customer Needs • Market Research • Market Segment • The Competitive Environment 	<p>Unit 1.3 – Putting a business idea into practice</p> <ul style="list-style-type: none"> • Business Aims and Objectives • Business revenues, costs and profits • Cash and Cash-Flow • Source of Business Finance
<p>Unit 1.4 - Making The Business Effective</p> <ul style="list-style-type: none"> • The Options for Start-up and Small Businesses • Business Location • The Marketing Mix • Business Plans 	<p>Unit 1.5 - Understanding the external influences of business</p> <ul style="list-style-type: none"> • Business Stakeholders • Technology and Business • Legislation and Business • The Economy and Business • External Influences 	<p>Unit 2.1- Enterprise and entrepreneurship</p> <ul style="list-style-type: none"> • Business Growth • Changes in Business Aims and Objectives • Business and Globalisation • Ethics, the Environment and Business
<p>Unit 2.2- Making Marketing Decisions</p> <ul style="list-style-type: none"> • Product • Price • Promotion • Place • Using the Marketing Mix to make Business Decisions 	<p>Unit 2.3 – Making Operational Decisions</p> <ul style="list-style-type: none"> • Business Operations • Working with Suppliers • Managing Quality • The Sales Process 	<p>Unit 2.4 – Making Financial Decisions</p> <ul style="list-style-type: none"> • Business Calculations • Understanding Business Performance

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)
- <http://www.bbc.co.uk/education/subjects/zpsvr82>
- Dynamic Learning website
- Exercise books
- Revision Guide and workbook

Additional information

Media Studies

The current focus in Media Studies lessons is the controlled assessment. As a result the Media Studies formal examination will be scheduled at a later date. This information will follow on from this revision guidance.

For further information please speak with your subject teacher.