



PLATANOS COLLEGE

An outstanding school for
pupils of all abilities

Year 11

Formal Examination Week

Monday 12th March 2018 to Friday 16th March 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 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>.</p>
	<p><u>The school day will run as normal, beginning with registration. You will be in normal lessons when you do not have a timetabled examination.</u></p>
	<p>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).</p>
	<p>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.</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 <u>no talking in the examination room</u> 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.</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 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 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

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

Literature Paper 2

Topics:

- R.L. Stevenson *Dr Jekyll and Mr Hyde*
- Relationships poetry anthology
- Unseen poetry

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. You will also be assessed on the fifteen poems in your poetry anthology as well as unseen poetry. The unseen poetry will assess your analysis skills as well as your knowledge of structure.

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
- Study guides as well as study booklets
- Exam papers

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

This exam is 2hours and 15minutes long.

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.

You will be asked to compare two poems from the *Relationships* anthology. You will be given a copy of one of those poems but must choose another poem of your choice from the anthology. You should spend 30minutes on this question.

For the Unseen poetry, you will be given two poems that you have not seen before and you will be asked to compare them. You should spend 30minutes on this question.

Mathematics

There are three examination papers:

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

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)

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* (Band A sets 1 & 2)

Biology paper 1

1 Cells and organisation
2 Disease and bioenergetics
B1 Cell structure and transport
B2 Cell division
B3 Organisation and the digestive system
B4 Organising animals and plants
B5 Communicable diseases
B6 Preventing and treating disease
B7 Non-communicable diseases
B8 Photosynthesis
B9 Respiration

Chemistry paper 1

1 Atoms, bonding, and moles
2 Chemical reactions and energy changes
C1 Atomic structure
C2 The periodic table
C3 Structure and bonding
C4 Chemical calculations
C5 Chemical changes
C6 Electrolysis
C7 Energy changes

Physics paper 1

1 Energy and energy resources
2 Particles at work
P1 Conservation and dissipation of energy
P2 Energy transfer by heating
P3 Energy resources
P4 Electric circuits
P5 Electricity in the home
P6 Molecules and matter
P7 Radioactivity

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>

Each paper is 1 hour 45 minutes long (Real exam paper from AQA)

Science – Double Award

Topics that will be assessed:

Biology paper 1

1 Cells and organisation
2 Disease and bioenergetics
B1 Cell structure and transport
B2 Cell division
B3 Organisation and the digestive system
B4 Organising animals and plants
B5 Communicable diseases
B6 Preventing and treating disease
B7 Non-communicable diseases
B8 Photosynthesis
B9 Respiration

Chemistry paper 1

1 Atoms, bonding, and moles
2 Chemical reactions and energy changes
C1 Atomic structure
C2 The periodic table
C3 Structure and bonding
C4 Chemical calculations
C5 Chemical changes
C6 Electrolysis
C7 Energy changes

Physics paper 1

1 Energy and energy resources 2 Particles at work
P1 Conservation and dissipation of energy
P2 Energy transfer by heating
P3 Energy resources
P4 Electric circuits
P5 Electricity in the home
P6 Molecules and matter
P7 Radioactivity

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Resources to use for revision:

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<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>

Each paper is 1 hour 15 minutes long (Real exam paper from AQA)

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: 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

6 – Cold War Rivalry

- The Truman Doctrine and containment of Communism
- Berlin Crisis 1948-49
- Cuban Missile Crisis
- US involvement in Vietnam

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://getrevisinq.co.uk/grids/wjec-usa-the-development-of-the-usa> -Timeline

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 exams will be available from your Art teacher

Technology

Designing and Making

Investigating / Designing / Making / Analysing and Evaluating

Key areas for revision:

- To understand a Design brief
- To write a Specification / Requirements with explanations
- To produce a range of design ideas
- To communicate and produce a final product
- To explain design features and sizes of a final product
- To explain the processes in Making: Materials and finishes
- To explain the joining of materials: Constructional Details
- To explain different types of production processes
- To write an Evaluation

Assessment Criteria:

Analyse products to learn how they function

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

Respond to the Users' needs and the problems arising

Apply their knowledge and understanding of a range of materials 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

To prepare and assemble components to achieve a functional result

Revision booklets 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

Festivals:

1. Worship
2. Prayer
3. Sacraments
4. Baptism
5. Eucharist
6. Pilgrimage
7. Christmas
8. Easter

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
4. Angels and Judgement

Authority:

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

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/> - Information and revision tests
- <http://world-faiths.com/islam/> - Information and revision tests

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

PE

- o **Students will be sitting two 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 you'll be assessed in:

- **Applied anatomy and physiology** – cardiorespiratory system, the heart, aerobic & anaerobic respiration and musculoskeletal system
- **Movement analysis** - Axe, levers and muscle contractions
- **Physical training** – principles of training, fitness components, types of training and seasons
- **Sports psychology** – motivation, aggression, arousal, guidance, feedback and information processing
- **Socio-cultural influences** – factors affecting performance and performance enhancing drug
- **Health, fitness and well-being** – sedentary lifestyle and balanced diet
- **Use of data** – analyse and evaluate

Computer Science

ASSESSMENT TOPICS:

PAPER 1 – PRINCIPLES OF COMPUTER SCIENCE

o **Topic 1- Problem Solving**

- o Algorithms
- o Decomposition and abstraction

o **Topic 2- Programming**

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

o **Topic 3 – Data**

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

o **Topic 4 – Computers**

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

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

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

o **Topic 6 – The bigger picture**

- o Emerging trends, issues and impact

SKILLS ASSESSED:

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

REVISION RESOURCES:

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

Business Studies

ASSESSMENT TOPICS: UNIT 3 – BUILDING A BUSINESS

o **Topic 3.1- Marketing**

- o Branding and differentiation
- o Building a successful marketing mix

o **Topic 3.2- Meeting customer needs**

- o Design and research development
- o Managing stock and quality
- o Cost-effective operations and competitiveness
- o Effective customer service
- o Meeting consumer protection laws

o **Topic 3.3 – Effective financial management**

- o How to improve cash flow
- o How to improve profit
- o Break-even charts and analysis
- o Financing growth

o **Topic 3.4 – Effective people management**

- o Organisational structure
- o Motivation theory
- o Communication
- o Remuneration

o **Topic 3.5 – The wider world affecting business**

- o Ethics in business
- o Environmental issues
- o Economic issues affecting international trade
- o The impact of government and the EU

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>
- <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 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.

For further information please speak with your subject teacher.