

# English

**Year 10 Mock Examination – Tuesday 3<sup>rd</sup> July 2018**

**1 hour 45 minutes**

The mock examination will contain a GCSE English Literature section and a GCSE English Language section:

Section A: Literature – Power and Conflict Poetry Comparison – 50 minutes

Section B: Language – Viewpoint writing – 45 minutes + 10 minutes reading time

## **What do I need to revise for English Literature?**

For Section A, you will need to revise all of the poems you have studied in Unit 4:

Storm on the Island

Bayonet Charge

Remains

Poppies

Kamikaze

Extract from The Prelude.

One of these poems will be printed in the examination paper but you do not know which one (in the real examination at the end of Year 11 you will need to revise and know all 15 poems in the power and conflict cluster). You will have to write an essay comparing the named poem to one other poem. Your comparison must include analysis of language and structure techniques. Revise these five poems in detail, making sure you know what the poem is about, how it relates to the themes of power and conflict, and what main methods the poet uses. Use GCSEPod to help you.



# Park Hall Academy

## YEAR: 10

## Subject: Geography

Length of exam: Paper 1: 1hr    Paper 2: 1hr

### Paper 1 Topics:

- Coast- Dorset coastline
- Rivers- R. Tees
- Tectonic Hazards-Christchurch and Haiti
- Weather Hazards- Somerset levels floods and Typhoon Haiyan
- Climate Change

### Paper 2 Topics:

- Urbanisation
- Birmingham- Challenges and Opportunities
- Rio – Challenges and opportunities .
- Freiburg- a sustainable city
- Sustainable transport systems.

### Equipment Required:

Calculator  
Ruler  
Pencil  
Highlighter

### Skills Assessed:

- Map skills – 4 and 6 figure grid references.
- Numeracy skills- interpreting and analysing data.
- Extended writing and analysis skills.
- Spelling, punctuation and grammar .

### Useful Websites/sources of information:

<https://www.bbc.com/education/examspecs/zy3ptyc>

<http://www.coolgeography.co.uk/>



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2018 Assessment Week  
Week commencing 2<sup>nd</sup> July 2018

**YEAR 10**

**Subject: History**

Length of exam: 1 Hour

**Equipment Required:** Pen and Ruler

**Topics Studied**

*Medicine in Britain, c1250–present*

*and The British sector of the Western Front, 1914–18: injuries, treatment and the trenches.*

- Medieval Medicine, including the Black Death and the Four Humours
- Renaissance Medicine, including William Harvey, the Great Plague of London
- 18<sup>th</sup> & 19<sup>th</sup> Century Medicine , Germ Theory, Florence Nightingale
- Modern Medicine, Penicillin, the NHS, genetics.
- Medicine on the Western Front in WW1.

Anglo-Saxon and Norman England, c1060–88

- The causes and Consequences of the Battle of Hastings
- William's consolidation of power.
- Changes to land ownership in England

The American West, c1835–c1895

- Migration west
- Establishing Homesteads
- Conflict with Plains Indians.

**Useful Websites/sources of information:**

[Parkhallhistory.weebly.com](http://Parkhallhistory.weebly.com)

[www.schoolhistory.co.uk](http://www.schoolhistory.co.uk)

[Spartacus-educational.com](http://Spartacus-educational.com)

[www.historyonthenet.com](http://www.historyonthenet.com)



# Park Hall Academy

## Year 10/11

### Subject: Btec Business

Length of exam:

**Topics:**

Students are working on their coursework for the core unit of the course. They will be working on Pass, Merit and Distinction tasks during the week.

**Equipment Required:**

**Skills Assessed:**

Problem solving  
Extended writing  
Using spell check

**Useful Websites/sources of information:**

~~Any BS website that can help with key terms etc~~

# MATHS

## Paper 1 Topics

Measuring angles.
Describing properties of angles.
Describing properties of lines (perpendicular/parallel).
Using inequalities.
Rounding to decimal places/significant figures.
Converting fractions to decimals.
Identifying properties of numbers (even, prime, square,...).
Fraction and percentage problems – worded.
Coordinates (identifying and plotting).
Drawing straight line graphs.
Percentages of amounts.
Simplify algebraic expressions.
Factorising algebraic expressions.
Solve quadratic by factorising.
Ratio and Proportion – worded.
Pie Charts – Interpreting and Drawing.
Percentages – worded.
Number problem with interpretation of result
Average speed problem.
Ratio 1 : n
Maps and Scales.
Ratio and fractions problem
Standard Form – converting, interpreting and sums.
Number problems – worded.
Loci and Constructions.
Compound interest
Prime factor decomposition.
Lowest Common Multiple (LCM) – worded.
Tree Diagrams – Interpret and Completing.
Reverse percentage problem
Compound shape perimeter
Bearings

## Paper 2

Graphs, Bar and Tally Charts.
Calculating Percentages.
Fractions sums including fractions of whole numbers.
Fractions – interpreting and identifying fractions.
Number problems – worded.
Bearings and Scale Drawings.
Algebra – expanding brackets.
Algebra – solving simple linear equations.
Angles – In parallel lines and triangles.
Probability – worded.
Powers and Roots – including negative powers.
BIDMAS - Order of operations
Number problems – worded.
Percentages – decrease and interpretation.
Number problems – worded.
Set up expressions (distance and area).
Geometry and algebra problems.
Complete terms of a Fibonacci sequence
Complete terms of an algebraic Fibonacci sequence
Upper and Lower Bounds.
Area – worded.
Plans and Elevations.
Volume of shapes.
Distance Time Graphs – including average speed.
Ratio – using and estimating with ratio.
Rearranging equations
Factorising Quadratic Expressions.
Averages and Range – worded.
Find a ratio given two other connected ratios
Find a population given ratios
Use a survey to establish a value, with assumptions
Pythagoras' theorem
Congruent triangles

# Maths

## Paper 3

Complete table of fractions, decimals and percentages.

Percentage to fraction conversion.

Ratio as a fraction.

Simple interest calculation.

Powers and Square Roots – Identifying.

Algebra – Simplifying, Expanding and Factorising.

Substitution – Expressions and Formula

Change the subject of a formula

Use probability scale

Venn Diagrams – Interpret and Calculate Probability

Number problems – worded.

Currency conversion problem

Rounding

Sequences – nth term and Fibonacci

Solve simple proportion problem

Estimating – worded.

Perimeter of L-shapes or T-shapes.

Upper and Lower Bounds.

Transformations – Doing and Describing.

Percentage problem – worded.

Scatter Diagrams – Identifying and interpreting.

Pie Charts – Interpret

Maps and Scales

Ratio 1 : n

Loci Construction

Population density problem

HCF/LCM problem

Sample Space Diagrams

Find probability

Probability problem with spinner

Quadratic Graphs - Drawing and Solving Graphically

Compound Measures - Volume/mass/density problem



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**YEAR 10**

**Subject: Media Studies**

**Length of exam: 1 Hour 30 Mins**

**Topics:** Pupils have been exploring Media Language, Representation, Media Industries and Audience. During the year students have studied a number of set exam texts including Pride Magazine cover (Nov 15), The Sun newspaper (18 Dec 2013), The Man with the Golden Gun film poster (1974) and the marketing of the film Spectre (2015).

**Equipment Required:**

Black Pen

**Skills Assessed:**

- Short question answers
- Extended written response
- Knowledge and understanding media language (character, narrative, intertextuality)
- Knowledge and understanding of representation
- Knowledge and understanding of Media regulation – Film
- Knowledge and understanding of types of audience and audience response (Uses and Gratifications)

**Useful Websites/sources of information:**

<http://www.bbc.co.uk/>

<http://www.007.com/spectre/>

<https://www.bbc.com/education/subjects/ztnygk7>



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## YEAR 10

### Subject: French

Length of exam: 10 minutes

**Topics:** Pupils have been covering 'Theme 3' of the New French GCSE Specification. Within this module, they have been learning how to describe their future plans for school and work and give opinions on these different topics. They have also been revising the key tenses (notably the future and conditional tenses including irregular verbs) as well as being introduced to new grammar such as 'ce que' v 'ce qui' and 'qui v que'.  
Pupils will work in small pairs or groups to give a presentation on an aspect of their learning.

**Equipment Required:**

Pupils' own planning (there will be a limited number of phrases they can bring in.)  
Any props they need for their speaking.

**Skills Assessed:**

Fluency and pronunciation – how well the pupils try to 'sound French'.

Use of different tenses.

Use of opinions and extending opinions using 'parce que' / 'car' (because).

Use of different pronouns and names to describe others. (ie: 'he', 'she' and 'they')

Use of different vocabulary and phrases they have found themselves.

Use of irregular verbs.

**Useful Websites/sources of information:**

[www.frenchrevision.co.uk](http://www.frenchrevision.co.uk)

<https://www.bbc.com/education/subjects/z9dqxb>

<http://www.verb2verbe.com/>

<http://www.conjugation-fr.com/>





# Park Hall Academy

## YEAR 10

### Subject: Science

Length of exam: 1 hour 15 minutes (Trilogy) 1 hour 45 minutes (Triple)

**Topics:**

Chemistry 2 – rates, organic, analysis, atmosphere, using resources

**Equipment Required:**

Pen, pencil, ruler, rubber, highlighter, calculator

**Skills Assessed:**

Knowledge of key vocabulary and formulae  
Literacy- extended writing  
Numeracy- using formulae  
Analysing graphs, data in tables

**Useful Websites/sources of information:**

Your class book

<https://www.bbc.com/education/levels/z98jmp3>

<https://phagcsescience.weebly.com/>



# Park Hall Academy

## YEAR 10

**Subject: Food Preparation and Nutrition**

Length of exam: 1 hour 45 minutes

**Topics:**

Diet and health, food science principles, special diets, food safety and hygiene, food provenance, development of high level practical skills

**Equipment Required:**

Pen , pencil, ruler, ingredients for practical's, container to take food home.

**Skills Assessed:**

Practical skills and outcomes  
Food Science investigations  
Knowledge and understanding of theory ( mini tests carried out at the end of each module)

**Useful Websites/sources of information:**

~~Any food magazine or cookery book~~

TV such as the Great British Bake Off. Master Chef

<https://www.nhs.uk/live-well/eat-well/>

[www.foodafactoflife.org.uk/](http://www.foodafactoflife.org.uk/)

CGP GCSE Food Preparation and Nutrition For AQA (grade 9-1) Revision Guide ISBN 978-1-78294-649-6

Hodder Education AQA GCSE Food Preparation and Nutrition ISBN 978-1-4718-6364-6



# Park Hall Academy

## YEAR 10

**Subject: Design and technology**

Length of exam: 2 hours

**Topics:**

Energy sources/electricity, properties of materials, input/output processes, production methods, selling prices, electronic systems and mechanical devices, sustainability, thermosetting and thermoforming plastics, development of practical skills in a range of material areas.

**Equipment Required:**

Pen , pencil, ruler, materials for practical's (provided) .

**Skills Assessed:**

Practical skills and outcomes  
Theory knowledge  
Quality of work  
Evaluation of work completed

**Useful Websites/sources of information:**

Class work  
D&T student  
Technology student  
BBC Bitesize <https://www.bbc.com/education/subjects/zg9d7ty>  
Eduqas <http://www.edugas.co.uk/qualifications/design-and-technology/gcse/>