

Year 10 revision support information

Engineering

Engineering Design - Cambridge National (subject code on timetable Eg)

Key information:

- This qualification is equivalent to 1 GCSE and will be completed in Y10.
- It is graded level 1 Pass, Merit or Distinction and level 2 Pass, Merit and Distinction.
- The course is made up of 75% coursework and 25% exam, which will be taken at the end of Y10.
- The coursework for this qualification starts immediately and will be known to learners as 'Rolls Royce', who are our challenge partners for this project. There will be regular deadlines to meet which are set on Google Classroom.
- Marks and feedback will also be posted on Google Classroom, along with revision materials at the appropriate times.
- Drawing equipment will be needed (pencils, ruler, sharpener, eraser, coloured pencils, compass, set square)
- Laptops must be charged every night.

Engineering Manufacture (Cambridge National) run with Toyota, will be completed in Y11.

Online resources:

Course specification: <https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-design-level-1-2-award-certificate-j831-j841/>

Please note - The examined unit of work is R105. The other units are all covered by coursework.

Past exam papers: <https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-design-level-1-2-award-certificate-j831-j841/assessment/>

Revision websites: <https://www.technologystudent.com/>

<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>



Design and Technology AQA GCSE (subject code on timetable Pd)

Key information:

- This qualification is a full GCSE graded 1-9.
- This course begins with projects to build learners skills and knowledge. The coursework will begin on June 1st when the exam board release the assessments for the year.
- The course is made up of 50% coursework and 50% exam, which will be taken at the end of Y11.
- Drawing equipment will be needed (pencils, ruler, sharpener, eraser, coloured pencils, compass, set square)
- Laptops must be charged every night.
- All coursework, revision guides and past papers will be posted on Google Classroom.

Online resources:

Course specification: <https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/specification-at-a-glance>

Past exam papers: <https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources>

Revision websites: <https://www.technologystudent.com/>

<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>

Programmable Systems - Option block - Cambridge National (subject code on timetable Sy)

Key information:

- This qualification is equivalent to 1 GCSE and will be completed in Y11.
- It is graded level 1 Pass, Merit or Distinction and level 2 Pass, Merit and Distinction.
- The course is made up of 60% coursework and 40% exam, which will be taken at the end of Y11.
- The coursework for this qualification is split into 2 units. One will be completed in Y10 and the other in Y11. There will be regular deadlines to meet which are set on Google Classroom.
- Marks and feedback will also be posted on Google Classroom, along with revision materials at the appropriate times.
- Laptops must be charged every night.



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Online resources:

Course specification: <https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-programmable-systems-level-1-2-j824/>

Please note - The examined unit of work is R047. The other units are all covered by coursework.

Past exam papers: <https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-programmable-systems-level-1-2-j824/assessment/>

Revision websites: <https://www.technologystudent.com/>

<https://www.bbc.co.uk/bitesize/subjects/zvdqxb>

Engineering Production - Option block - VCert NCFE (Subject code on timetable Ee, Wk or Ss)

Key information:

- This qualification is equivalent to 1 GCSE and will be completed in Y11.
- It is graded level 1 Pass, Merit or Distinction and level 2 Pass, Merit and Distinction.
- The course is made up of 60% coursework and 40% exam, which will be taken at the end of Y11.
- This course begins with projects to build learners skills and knowledge. The coursework will begin on June 1st when the exam board release the assessments for the year.
- Marks and feedback will also be posted on Google Classroom, along with revision materials at the appropriate times.
- Laptops must be charged every night.

Online resources:

Course specification: <https://www.ncfe.org.uk/media/a1hmpmhl/603-7006-3-qualification-specification.pdf>

Past exam papers: <https://www.qualhub.co.uk/qualification-search/qualification-detail/ncfe-level-12-technical-award-in-engineering-4593#SupportMaterials>

Revision websites: <https://www.technologystudent.com/>



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www.raeng.org.uk

www.theiet.org

www.howstuffworks.com

www.eng-tips.com

www.design-technology.info



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Recommended purchasable resources:

- Scientific calculator. We strongly recommend the Casio FX-83GT plus. Familiarity is crucial so the earlier the purchase the better.
- CGP Revision books – revision guide £3 or workbook £3
- Corbett Maths revision cards: 90 detailed, engaging Revision Cards for GCSE Higher or Foundation. (£7.50 if purchased through the academy). Use of this can be extended to using the QR codes to view video tutorials and access related exam questions

Online Resources:

- Hegarty maths
The JCB Academy have a subscription to the award winning platform which provides video tutorials on all topics, assesses and tracks everything learners need to learn in in the new GCSE. The web address is: <https://hegartymaths.com>.
- MyMaths: Use of Booster packs that are set by class teacher.
- Corbett Maths 5 a day revision schedule
- Maths Genie www.mathsgenie.co.uk
A GCSE's revision guide and resource bank providing online video tutorials, practice questions, practice exam style questions and past GCSE Maths papers with solutions

English Language and Literature

Key Information:

- Year 10 will have 8 lessons of English a fortnight. Everything studied in Year 10 **will** be part of the learners` GCSEs in Year 11.
- Throughout the year all lessons and documents will be uploaded to Google Classrooms for the learners. It is their responsibility to access the work here if they are absent or fall behind, it can also be used as a means of revision and consolidation.
- The exam board is AQA. The below website link can be used for additional support and past papers:

Literature - <https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702>

Language - <https://www.aqa.org.uk/subjects/english/gcse/english-language-8700>

- The core texts studied in Year 10 are 'A Christmas Carol' and 'An Inspector Calls'. We highly recommend that learners purchase their own copy of the key texts in order for them to make annotations in lesson and revise from in Year 11. This will be the most powerful form of revision the learners can access in Year 11. Please see the below links for purchase:

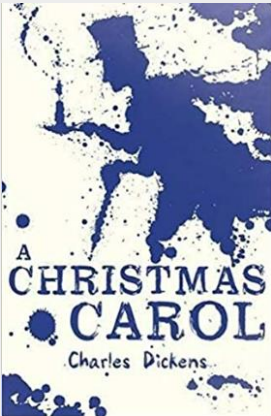
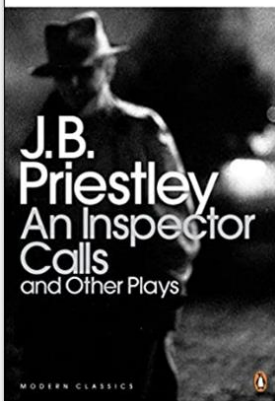
An Inspector Calls: https://www.amazon.co.uk/Inspector-Calls-Penguin-Modern-Classics/dp/014118535X/ref=sr_1_2_sspa?keywords=an+inspector+calls+book&qid=1657719462&sr=8-2-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyQUUpNQ0hLNEU2WUgyJmVuY3J5cHRlZElkPUEwMzMyNDM2MThIN1dXTTBLOExYRCZlbmNyeXB0ZWRBZElkPUEwMTE4MzI4MzZBSVJSVFhTNDRTSCZ3aWRnZXROYW1lPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=

A Christmas Carol: https://www.amazon.co.uk/Christmas-Carol-Scholastic-Classics/dp/1407143646/ref=sr_1_10?crid=3MDVC7QZJWRWK&keywords=a+christmas+carol&qid=1657719521&srefix=a+ch



[rismas+caro%2Caps%2C99&sr=8-10](#)

NB: If you receive final assistance this will be covered by the school. All learners will receive their own copy of the Poetry Anthology. If learners do not have their own copy of the core texts one will be provided for them. Please note that annotations **cannot** be made on these copies as they will need to be returned at the end of the year.

Term dates:	Autumn 1	Autumn 2	Winter 1	Winter 2	Spring 1	Spring 2
	1 st Sept - 14 th Oct	31 st Oct - 16 th Dec	3rd Jan - 17 th Feb	27 th Feb - 31 st March	17 th April-26 th May	5th June -21 st July
Curriculum	Expectations and outline of the year A Christmas Carol 	A Christmas Carol Transactional writing: formal letter, article and speech Anthology Poetry: Remains, Poppies, War Photographer, Kamikaze	An Inspector Calls 	Creative Writing Language Paper 1 Reading	Transactional writing: report, review, leaflet Anthology Poetry: The Charge of the Light Brigade, Expose, Bayonet Charge	Language Paper 2 Section A reading Speaking and Listening (this is the first official GCSE assessment and contributes to the learners GCSEs)

Assessments

All texts in the examination will be unseen.

Paper 1: Explorations in Creative Reading and Writing
What's assessed Section A: Reading <ul style="list-style-type: none"> one literature fiction text Section B: Writing <ul style="list-style-type: none"> descriptive or narrative writing
Assessed <ul style="list-style-type: none"> written exam: 1 hour 45 minutes 80 marks 50% of GCSE
Questions Reading (40 marks) (25%) – one single text <ul style="list-style-type: none"> 1 short form question (1 x 4 marks) 2 longer form questions (2 x 8 marks) 1 extended question (1 x 20 marks) Writing (40 marks) (25%) <ul style="list-style-type: none"> 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

Paper 2: Writers' Viewpoints and Perspectives
What's assessed Section A: Reading <ul style="list-style-type: none"> one non-fiction text and one literary non-fiction text Section B: Writing <ul style="list-style-type: none"> writing to present a viewpoint
Assessed <ul style="list-style-type: none"> written exam: 1 hour 45 minutes 80 marks 50% of GCSE
Questions Reading (40 marks) (25%) – two linked texts <ul style="list-style-type: none"> 1 short form question (1 x 4 marks) 2 longer form questions (1 x 8, 1 x 12 marks) 1 extended question (1 x 16 marks) Writing (40 marks) (25%) <ul style="list-style-type: none"> 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

Assessments

All assessments are closed book: any stimulus materials required will be provided as part of the assessment.

All assessments are compulsory.

Paper 1: Shakespeare and the 19th-century novel
What's assessed <ul style="list-style-type: none"> Shakespeare plays (page 11) The 19th-century novel (page 11)
How it's assessed <ul style="list-style-type: none"> written exam: 1 hour 45 minutes 64 marks 40% of GCSE
Questions Section A Shakespeare: students will answer one question on their play of choice. They will be required to write in detail about an extract from the play and then to write about the play as a whole. Section B The 19th-century novel: students will answer one question on their novel of choice. They will be required to write in detail about an extract from the novel and then to write about the novel as a whole.

Paper 2: Modern texts and poetry
What's assessed <ul style="list-style-type: none"> Modern prose or drama texts (page 11) The poetry anthology (page 12) Unseen poetry (page 12)
How it's assessed <ul style="list-style-type: none"> written exam: 2 hour 15 minutes 96 marks 60% of GCSE
Questions Section A Modern texts: students will answer one essay question from a choice of two on their studied modern prose or drama text. Section B Poetry: students will answer one comparative question on one named poem printed on the paper and one other poem from their chosen anthology cluster. Section C Unseen poetry: Students will answer one question on one unseen poem and one question comparing this poem with a second unseen poem.

Useful revision websites:

Eduqas past papers and practice materials for language:

https://www.eduqas.co.uk/qualifications/english-language-gcse/#tab_overview

Eduqas past papers and practice materials for literature:

https://www.eduqas.co.uk/qualifications/english-literature-gcse/#tab_overview

Macbeth revision: <https://www.sparknotes.com/shakespeare/macbeth/>

Macbeth lessons: <https://classroom.thenational.academy/units/revisiting-macbeth-91c7>

Poetry Anthology lessons: <https://classroom.thenational.academy/units/edugas-poetry-c678>

Macbeth analysis videos:

https://www.youtube.com/results?search_query=Mr+bruff+macbeth+re

A Christmas Carol analysis videos:

https://www.youtube.com/results?search_query=mr+bruff+a+christmas+carol

Lord of the Flies analysis videos:

https://www.youtube.com/results?search_query=mr+bruff+lord+of+the+flies

Language paper 1 videos:

https://www.youtube.com/results?search_query=edugas+language+paper+1

Language paper 2 videos:

https://www.youtube.com/results?search_query=edugas+language+paper+2

LIBF Business- Technical certificate in Finance

The Technical Certificate in Finance (TCF) is a vocational qualification which will enable learners to acquire knowledge and skills associated with, and commonly used within, the financial sector. The content of this qualification will cover financial products, finance in business and the financial services sector. This qualification will focus on developing financial sector-specific knowledge and relevant technical skills in a practical learning environment and thus will be eligible for recognition as a technical award. It is also expected that the qualification forms part of a Key Stage 4 learning programme that enables both academic and vocational progression.

Unit 1 – Finance for the individual	Unit 2 - Finance in Business	Unit 3 – Financial Services Sector
Non-exam assessment	Non-exam assessment	Assessment by examination
Externally assessed 25%	Externally assessed 25%	Externally assessed 50%

Learners will complete a written report under exam conditions for Unit 1 and Unit 2. Learners will be provided with a log on for the LIBF website www.libf.ac.uk where they will be able to access revision materials to support the learning in class.

It would also be helpful for learners to regularly read the following websites to keep up to date with the latest finance and business news:

https://www.bbc.co.uk/news/business/your_money

<https://www.bbc.co.uk/news/business>

<https://www.fca.org.uk/news>

<https://www.moneymarketing.co.uk/news/>

Science

The following websites are recommended for Science revision:

<https://www.bbcbitesize.co.uk/>

<https://www.physicsandmathstutor.com/> - this website provides past papers broken down into topics along with mark schemes

<https://www.savemyexams.co.uk/> - summary of key exam topics

<https://phet.colorado.edu/> - animations and simulations of experiments

<https://cognitoedu.org/home.html> - useful videos and past paper questions

<https://www.physicsonline.com/> - physics videos