A photograph of two young women in a classroom setting. The woman on the left has dark hair and wears glasses, while the woman on the right has long blonde hair. They are both looking down at a book or document held by the blonde woman. The background is slightly blurred, showing other people and classroom furniture.

Help Your Child Through GCSEs

Year 10

Mrs. Ward Intro

- *Wellbeing*
- *Teams & Blended Learning*
- *Homework*
- *Chromebooks*
- *PPE*
- *Tutors*

- *Community Drop-In every Wednesday 12pm-2pm in Caerau Community Centre with Mrs. Alison Davies (07813 956115).*



wjec
cbac

*Year 10 –
GCSE English
Literature*



Course Overview

GCSE English Literature provides opportunities for pupils to read literature that will fire their imagination.

Pupils will read prose, drama and poetry from different centuries and genres, while developing a love of reading widely and for pleasure.



2 x 2-hour examinations

**Unit 1. : Different Cultures and Poetry
(Of Mice and Men) 35%**

**Unit 2: Contemporary drama and literary heritage
(Blood Brothers & A Christmas Carol) 40% (Year 11)**

Non-Examination Assessment

**Unit 3: Non-examination Assessment. Shakespeare and
Welsh poetry
(Romeo & Juliet)**

Two essays together worth: 25%

Key Dates

- *Welsh Poetry Comparison Deadline: to be completed this term.*
- *Unit 1 Exam: Wednesday 10 January 2024*
- *Overall Unit 3 deadline: April 2023*
- *Unit 1 (re-sit) Exam: Monday 13 May 2024*
- *Unit 2 Exam: Year 11 - May 2025*

Student Revision and Study Tips

- ***Know where to look!*** *Of Mice and Men* was first studied in Year 9. All resources and work completed last year will make good revision resources to support study in Year 10. All pupils have been given revision booklets this year. English Literature support sessions run every Tuesday after school. Members of the Seren Network are invited to More Able and Talented revision sessions every Monday after school. Mr Pryce also runs a Writer's Hub every Tuesday after school – an opportunity for pupils to experiment with different genres as well as refining their own writing style.
- ***Know your texts!*** Ensure you produce character files and learn a bank of key quotes from each set text. A wide range of online support is available for all our set texts- some links are below. For Drama like *Blood Brothers*, students will have the opportunity to watch this live in a theatre setting.

Student Revision and Study Tips

- ***Know your deadlines!*** *Keep an eye on the assignments set for you on Teams by your English teacher and make sure all classwork and homework deadlines are met. Key dates have been added above.*
- ***Get skilled up!*** *Make sure you are familiar with key exam skills and question types. If you hear words like ‘summarise’ and ‘compare’ you should know exactly what to do.*



Useful Online Resources

WJEC Exam Walk-Through

[Resource WJEC Educational Resources Website](#)

GCSE Pod

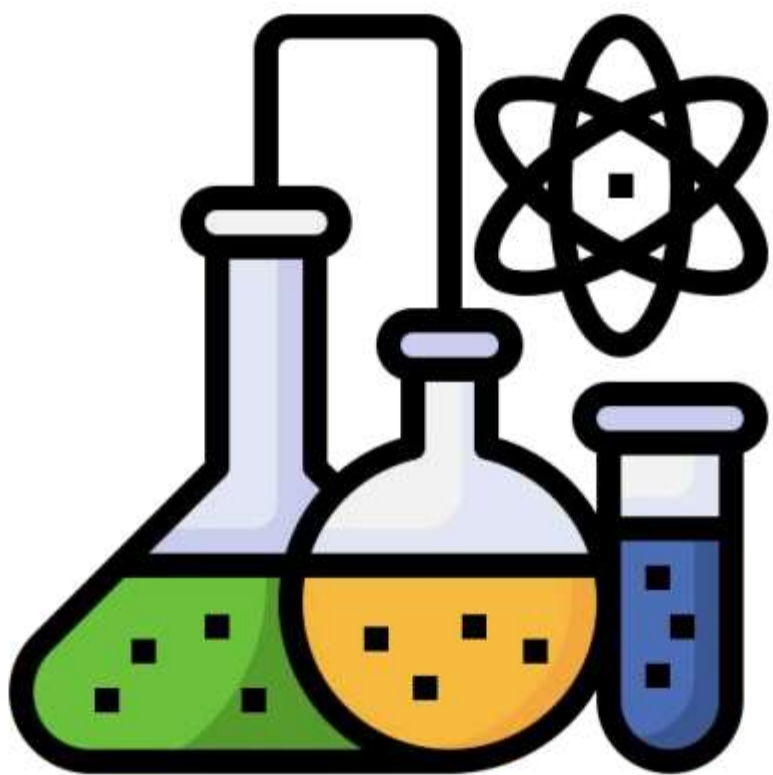
(Use your school Office 365 login)

[GCSEPod](#)

GCSE Bitesize

(No login required)

[GCSE English Language - WJEC - BBC Bitesize](#)



*Year 10 –
GCSE
Science*

Biology/Chemistry/Physics

Unit	Percentage of course	When assessed
One – Written examination	45	Summer exam series of Year 10 Resits available summer exam series of year 11
Two – Written examination	45	Summer exam series of Year 11
Three – Practical Assessment	10	First half of Spring Term of year 10 Resits available for Year 11

Further detail on individual units is available in your booklet

Single Award Applied

Unit	Percentage of course	When assessed
One – Written examination	40	Summer exam series of Year 10 Resits available summer exam series of year 11
Two – Written examination	30	Summer exam series of Year 11
Three – Task based assessment	20	Second half of Spring Term of year 10
Four - Practical Assessment	10	First half of Spring Term of year 11

Further detail on individual units is available in your booklet

Double Award Applied

Unit	Percentage of course	When assessed
One – Written examination	22.5	Summer exam series of Year 10 Resits available summer exam series of Year 11
Two – Written examination	22.5	Summer exam series of Year 10 Resits available summer exam series Year 11
Three – Written Exam	25	Summer exam series of Year 11
Four – Task-based assessment	20	Spring Term of year 11
Five - Practical Assessment	10	Spring Term of year 11

Further detail on individual units is available in your booklet



*Resources
from the
WJEC*



WJEC Blended Learning Modules for all Subjects



Student Support

- Key dates & exam timetables
- Revision tips
- Revision Resources
- NEW Knowledge Organisers
- NEW Blended Learning
- Exam Walk Throughs
- NEW Bridging Resources
- Past papers
- Your wellbeing
- Results day
- Unhappy with your results?
- Malpractice



We have worked closely with practitioners across all four consortia to design and develop blended learning modules to support teachers and students.

See latest blended learning modules below.

Applied Science

CCSE

Biology

Need Help?

- Unhappy with your results?
- Malpractice
- Replacement exam certificates
- Private candidates

Biology

AS/A Level

GCSE

KS3-4 Bridging unit: Biology - Unit 1

Unit 1.1 Cells and movement across membranes

Unit 1.2 Respiration and respiratory system in humans

Unit 1.3 Digestion and the Digestive System in Humans

Unit 1.4 Circulatory systems in humans

Unit 1.6 Ecosystems, nutrient cycles and human impact on the environment

Unit 2.1 Classification and biodiversity

Unit 2.2 Cell division and stem cells

Unit 2.3 DNA and inheritance

Unit 2.4 Variation and Evolution

Unit 2.5 Response and Regulation

Unit 2.6 Kidneys and Homeostasis

Unit 2.7 Micro-organisms and their applications

Unit 2.8 Disease, Defence and Treatment

Need Help?

Click on the topic you would like to revise



Resource



GCSE Unit 2.1 Classification and biodiversity - Blended Learning

Biology
KS4 >

This blended learning resource contains interactive self-study content covering GCSE Unit 2.1 Classification and biodiversity.

The resource is designed to complement traditional face to face teaching with an online learning pack that allows students to learn at their own pace.

It can be used as revision by students, as part of catch-up or for flipped learning.

It should not be seen as a way to deliver the content in a classroom setting and should always be blended with conventional methods.

Information

Published: 07 October 2021
Author: - Sharon Goulden

Related Resources

- Applied Science eBook - Part 1
Applied Science
- Ecosystems - semi-arid grasslands
Geography
- Applied Science eBook - Part 2
Applied Science
- Applied Science eBook - Part 3
Applied Science
- Global Governance of the Earth's Oceans
Geography

student focused Variation, homeostasis and micro-organisms

Files

[Open resource](#)

[Acknowledgements](#)

Feedback

Not seeing what you want? Is there are problem with the files? Do you have a suggestion? Please give us feedback, we welcome all correspondence from our users.

name:

email:

☰ Dashboard

1.0 Classification and scientific names 5 ▾

Lesson objectives

Classification of living things

The binomial system and scientific names

Past paper question

How did you do?

2.0 Adaptation and competition 4 ▲

3.0 Biodiversity and biological control 5 ▲

4.0 Sampling the environment 5 ▲

Classification and Biodiversity

GCSE
Biology



You haven't started this lesson yet.

[Begin](#)



You haven't started this lesson yet.

[Begin](#)



WJEC Question Bank



WJEC Home > Question Bank

- Question Bank
- Question Bank FAQs
- Feedback

WJEC are currently creating a new and improved Question Bank which will offer users greater functionality. In the meantime the current system will remain available but we will not be uploading any new questions to the site.

Question Bank is a free tool which allows you to create practice question papers from thousands of WJEC past paper questions. Find the questions you need, add them to your paper and export your paper with accompanying mark scheme and examiner's comments as a PDF ready to use in the classroom.

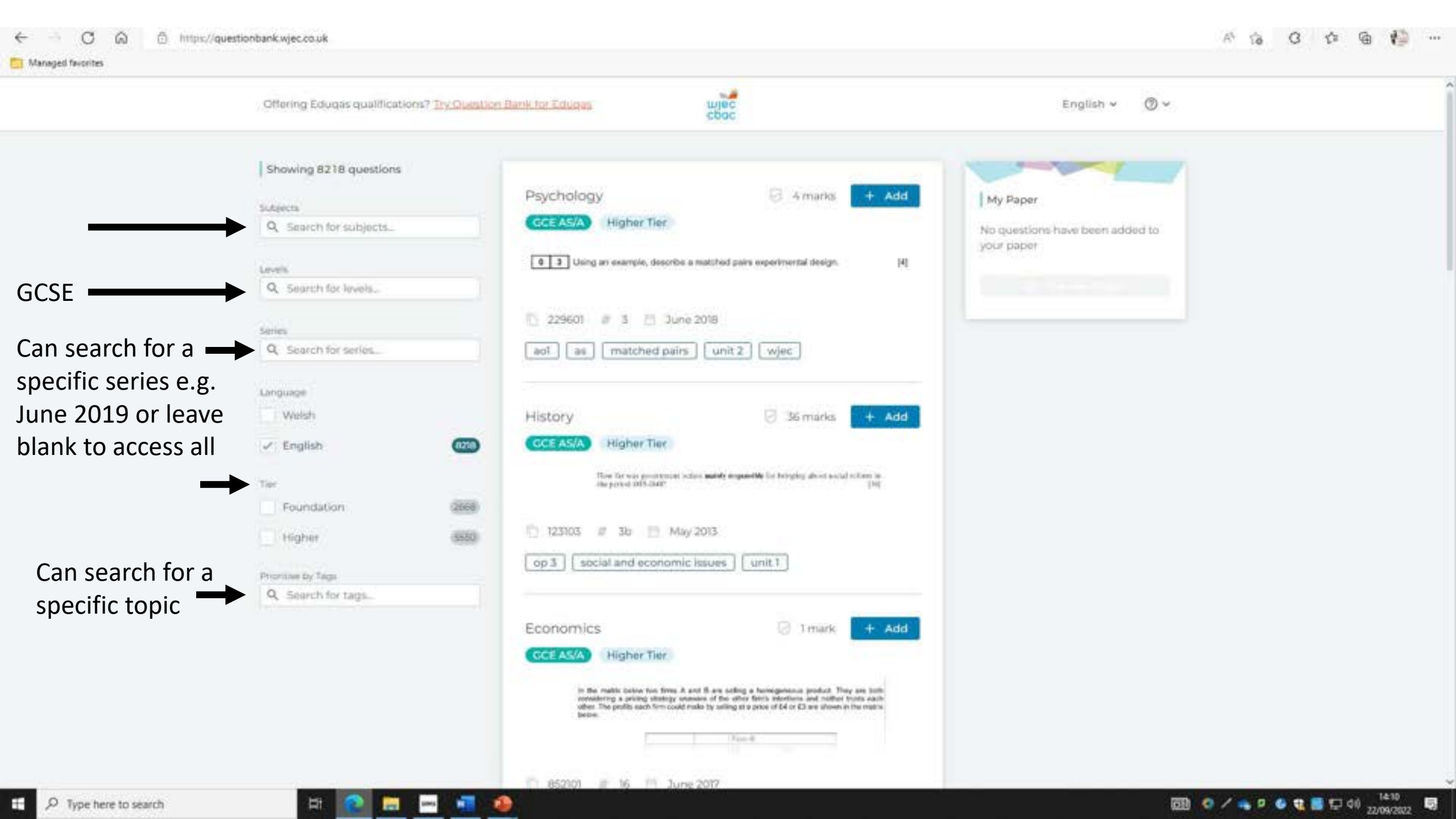
Question Search



GCSE GCE AS/A Level

- GCSE Applied Science
- GCSE Biology
- GCSE Business Studies
- GCSE Chemistry
- GCSE Mathematics
- GCSE Food and Nutrition
- GCSE Physical Education
- GCSE Physics

Need Help?



Offering Eduqas qualifications? [Try Question Bank for Eduqas](#)



English ⌵

Showing 8218 questions

Subjects
Search for subjects...

Levels
Search for levels...

Series
Search for series...

Language
 Welsh
 English 8218

Tier
 Foundation 2668
 Higher 5550

Promote by Tags
Search for tags...

Psychology 4 marks + Add

GCE AS/A Higher Tier

3 Using an example, describe a matched pairs experimental design. [1]

229601 # 3 June 2018

ao1 as matched pairs unit 2 wjec

History 36 marks + Add

GCE AS/A Higher Tier

How far was government action **welsh language** for bringing about social reform in the period 1915-1940? [10]

123105 # 3b May 2013

op 3 social and economic issues unit 1

Economics 1 mark + Add

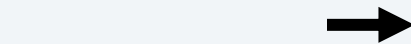
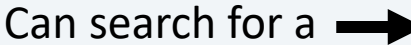
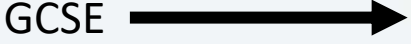
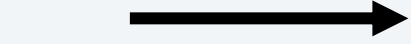
GCE AS/A Higher Tier

In the matrix below two firms A and B are selling a homogeneous product. They are both considering a pricing strategy against the other firm's intentions and neither trusts each other. The profits each firm could make by selling at a price of £4 or £3 are shown in the matrix below.

	Firm B
Firm A	

My Paper

No questions have been added to your paper



GCSE

Can search for a specific series e.g. June 2019 or leave blank to access all

Can search for a specific topic

Offering Eduqas qualifications? [Try Question Bank for Eduqas](#)



Biology 300

Levels
Search for levels...

GCSE 300

Series
Search for series...

Language
 Welsh

English 300

Tier
 Foundation 145

Higher 165

Prioritise by tags
Search for tags...

genetics

1. (a) State what is meant by the following terms
(i) gene.

343402 # 1 June 2019
genetics diagrams mutation tables

Biology 6 marks + Add

GCSE Foundation Tier

(ii) Gregor Mendel crossed purple flowered pea plants with white flowered pea plants. All the F1 generation were purple flowered. Show this cross by completing the Punnett square below. Use the letter D to represent the purple allele and the letter d to represent the white allele.

446101 # 6 June 2016
genetics fractions percentages ratios

Biology 10 marks + Add

GCSE Higher Tier

2. Cystic Fibrosis (CF) is a serious medical condition which affects the lungs. It results from a mutation in the DNA of a single gene which gives rise to a recessive allele.
(a) Explain the meaning of the term recessive allele.

340302 # 2 June 2019
genetics drugs and therapies mutation

your paper

Click here to see the question

Click here to add to your paper

Offering Eduqas qualifications? [Try Question Bank for Eduqas](#)



Showing 300 questions

Subjects
Search for subjects...

Biology 300

Levels
Search for levels...

GCSE 300

Series
Search for series...

Language
 Welsh
 English 300

Tier
 Foundation 143
 Higher 157

Prioritise by Tags
Search for tags...

genetics

Biology 8 marks + Add

GCSE Higher Tier

1. State what is meant by the following terms:
(i) gene. [1]

343402 # 1 June 2019

genetics diagrams mutation tables

Biology 6 marks - Remove

GCSE Foundation Tier

Gregor Mendel crossed purple flowered pea plants with white flowered pea plants. All the F1 generation were purple flowered. Show this cross by completing the Punnett square below. Use the letter D to represent the purple allele and the letter d to represent the white allele. [1]

446101 # 6 June 2016

genetics fractions percentages ratios

Biology 10 marks - Remove

GCSE Higher Tier

2. Cystic Fibrosis (CF) is a serious medical condition which affects the lungs. It results from a mutation in the DNA of a single gene which gives rise to a recessive allele.

My Paper

4 questions
28 marks
1 subject
Approx. 28 minutes

Clear all Preview Paper



Offering Eduqas qualifications? [Try Question Bank for Eduqas](#)



English

Back to search

My Paper

Paper name

Biology

Questions

Drag a question to reorder or remove it from your paper

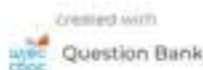
- #1 446101 Q6 6
- #2 340302 Q2 10
- #3 446102 Q1 6
- #4 445101 Q6 6

Drag a question here to remove it

Title Page

Biology

Question	Maximum Mark	Mark Awarded
#1	6	
#2	10	
#3	6	
#4	6	
Total	28	



Disclaimer: The questions in this session paper have all been taken from actual examinations that have taken place. Whilst the questions are the property of WJEC, this session paper was created using an online tool and WJEC takes no responsibility for the content within it.

446101 Q6

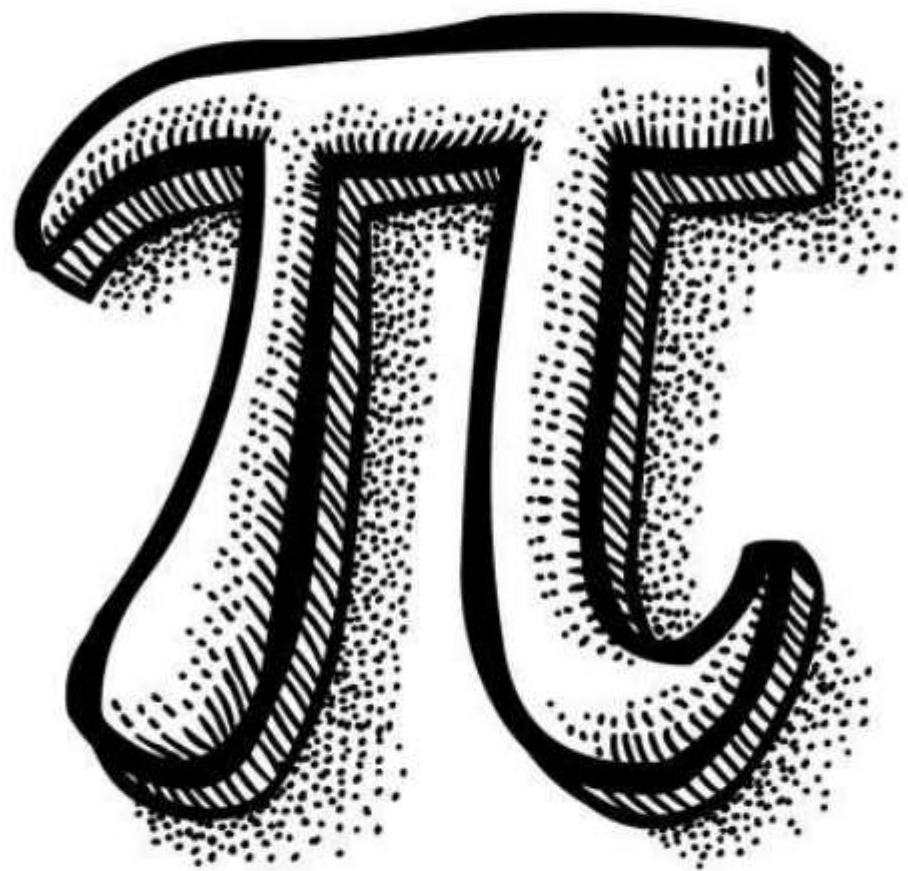
Move Down Remove

Export

- Title Page
- Questions
- Examiner Comments
- Marking Scheme

Print

Save as PDF



*Year 11 –
GCSE
Maths*

Course Outline...

Mathematics & Numeracy

- *GCSE Mathematics builds on the progress made at the end of KS3 and extends to aspects of mathematics needed for progression to scientific, technical or further mathematical study.*
- *Learners can develop the skills needed to select and apply methods in both mathematical and real-world contexts.*
- *The course also enables learners to communicate mathematical information in a variety of forms, draw and justify conclusions based off their calculations and workings.*

Course Outline continued...

Mathematics & Numeracy

- *GCSE Numeracy will enable learners to develop knowledge, skills and understanding of mathematical and statistical methods required for everyday life.*
- *Pupils will benefit from being able to acquire and use strategies for problem solving and modelling in context.*
- *As well as being able to interpret different mathematical results and communicate information in a variety of forms.*

Course Outline...

What is Assessed?

GCSE	Mathematics – Numeracy	Mathematics	
Content	Number, Measure and Statistics plus <u>some aspects of</u> Algebra, Geometry and Probability	<u>All</u> the content of GCSE Mathematics - Numeracy	<u>Additional</u> Algebra, Geometry and Probability
Assessment focus	The application of the above content in context	–	The application of the <u>above</u> content in context
		Procedural skills in situations that are context-free or involve minimal context for <u>all</u> content	

Key Dates

- *Internal Mock – Towards the end of half-term 2 (December 2023);*
- *Internal Mock – Towards the end of half-term 4 (March/April 2024);*
- *Towards the end of half-term 6 (June 2024);*

It is important to note that this is in preparation for the GCSE Numeracy Exam which is scheduled for early November 2024. This examination sitting represents 100% of the exam result for Mathematics-Numeracy.

Revision Materials and Resources

Mathematics & Numeracy



WJEC Question Bank



Maths DIY



Corbett Maths



Mathematics - Youtube

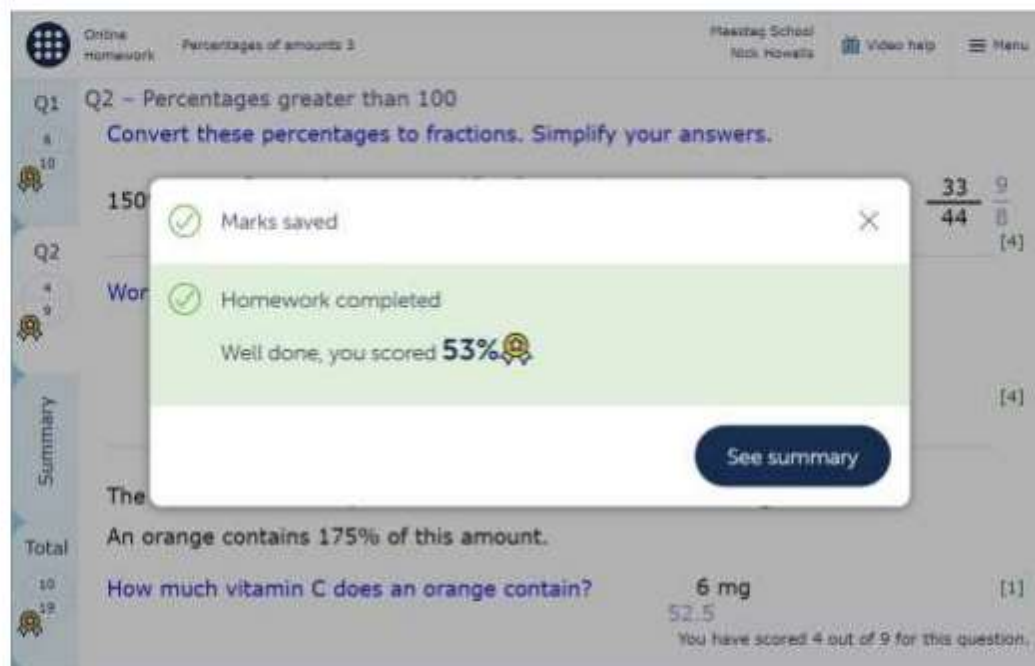
Revision Resource	Website Address
WJEC Question Bank	https://questionbank.wjec.co.uk/
Maths DIY	https://www.mathsdiy.com/
Corbett Maths	https://corbettmaths.com/
Maesteg Maths YouTube	https://www.youtube.com/channel/UCt5Dd23lLz7HI2fZn7C5BGQ

Your pack will contain QR codes which you can scan to take you to the websites and resources we encourage all learners to familiarise themselves with and use to consolidate their own learning.

These QR codes will be attached to pupils' own revision packs which will be distributed shortly.

Investing Time In Independent Learning

My Maths



Online homework Percentages of amounts 3

Maesteg School Nick Howells

Q1 Q2 – Percentages greater than 100

Convert these percentages to fractions. Simplify your answers.

150 $\frac{33}{44}$ $\frac{9}{8}$ [4]

Q2

Wor

Well done, you scored 53% 🏆

See summary

The

Total An orange contains 175% of this amount.

How much vitamin C does an orange contain? 6 mg 52.5 [1]

You have scored 4 out of 9 for this question.



You scored 53%

Finish

Question	Score	Score %
Q1 - <u>Percentages less than 100</u>	$\frac{6}{10}$	60%
Q2 - <u>Percentages greater than 100</u>	$\frac{4}{9}$	44%



Hints and Tips

Mathematics & Numeracy

- *For pupils to be successful, it is going to be a team effort!*
- *Teachers, household and most importantly the pupils themselves.*
- *Investment in independent learning. Investing time in consolidating key mathematical concepts and topics.*
- *Pupils will have access to weekly revision sessions.*
- *Ensure to complete set tasks on My Maths (or past paper questions) for homework.*
- *Access resources available: WJEC Question Bank, Corbett Maths and Maesteg YouTube Maths Chanel.*
- *Prepare for mock assessments in same fashion as actual exams. Invest time to consolidate learning and access past paper questions linked to recently covered topics.*
- *We want pupils to have a stress-free approach to their final exams. This can happen through a steady consistent and mature approach to learning.*

*"The more I practice,
the luckier I get"*

*Gary Player:
160 Professional Wins
9 Major Championships*



**YSGOL
MAESTEG**



Key Exam and Assessment Information

Dates Relevant to all subjects:

- Parent and Carer's Evening: Thursday 25th January 2024, 3:30pm – 6pm.
- PPE (Pre-Public Examination) Mocks: Weeks commencing 4th and 11th December 2023.
- Full School Report: Sent in June 2024.

Please note that a pupil specific chronological exam timetable is given before exam season.

SUBJECT	UNIT	DATE
ENGLISH LITERATURE	Unit 3 (25%) Welsh Poetry Shakespeare (Romeo and Juliet) Non-exam assessment.	Welsh Poetry Deadline: Autumn term Shakespeare Deadline: April 2024
	Unit 1 (35%) Of Mice and Men & Unseen Poetry Exam	Wednesday 10 January 2024 Re-Sit: Monday 13 May 2024
	Unit 2 (40%) Blood Brothers & A Christmas Carol Exam	Year 11 - <u>May</u> 2024

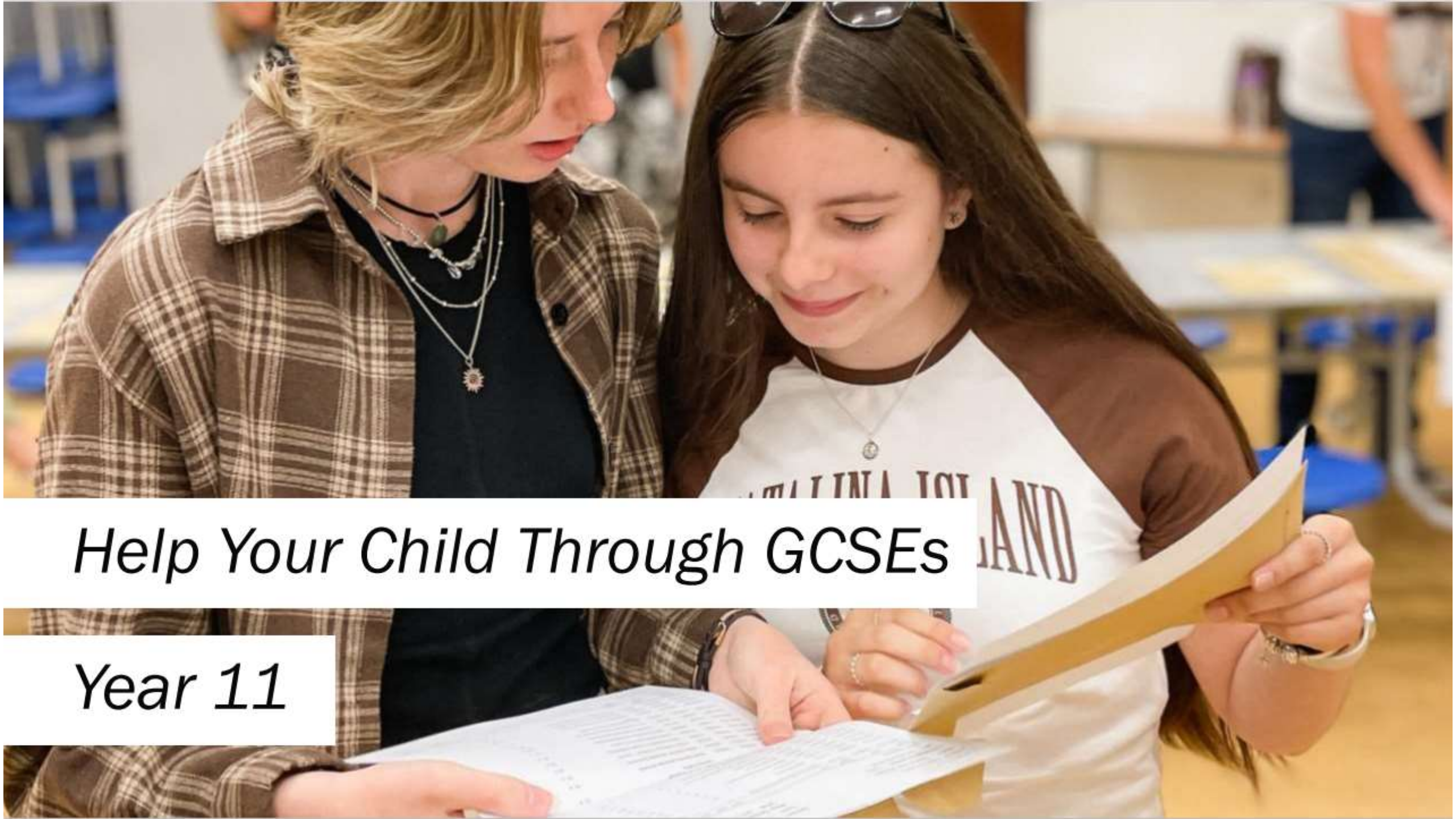
SUBJECT	UNIT	DATE
MATHEMATICS – NUMERACY	Unit 1 (50%) Non-Calculator Exam	Year 11: November 2024
	Unit 2 (50%) Calculator Allowed Exam	Year 11: November 2024
	Unit 1 (50%) Non-Calculator (Re-Sit Exam)	Year 11: Summer 2025
	Unit 2 (50%) Calculator Allowed (Re-Sit Exam)	Year 11: Summer 2025

After School Sessions for Year 10 Pupils

The library is available from 2:50-3:50 after school Monday-Thursday if pupils need a quiet space or access to the internet in order to complete homework.

Monday	Tuesday	Wednesday
English (<u>Seren</u> only)	English Literature	Physics (week 1)
Chemistry (week 1)	Writer's Hub (English)	3D Product Design
Construction	Biology (week 1)	Hospitality & Catering
Art/Textiles/Photography	3D Product Design	Engineering
	Hospitality & Catering	Art/Textiles/Photography
	Engineering	
	<u>Skillstart</u> Practical Engineering	
	Art/Textiles/Photography	

Health and Social Care Revision begins after February Half Term.



Help Your Child Through GCSEs

Year 11



Miss. Hopkins-Weaver Intro

- *Wellbeing*
- *Teams & Blended Learning*
- *Homework*
- *Chromebooks*
- *PPE*
- *Tutors*

- *Community Drop-In every Wednesday 12pm-2pm in Caerau Community Centre with Mrs. Alison Davies (07813 956115).*



*Year 11 –
GCSE English
Language*

Course Overview

English Language GCSE focuses on the skills needed to communicate with others. Throughout this course, students will work on developing their knowledge and skills in:

- Writing with an accurate and engaging style.*
- Adapting language to suit audience and purpose.*
- Reading and responding to a wide range of fiction and non-fiction.*
- Speaking and listening in a range of contexts, to communicate points of view.*

Course Overview

Non-Examination Assessment

Unit 1: Oracy 20%

- Individual presentation
- Group Discussion

2 x 2-hour examinations

In each, you will need to show understanding of a range of written texts. There will be a variety of short responses and extended response questions.

Unit 2: External Assessment - Description, Narration & Exposition 40%

Unit 3 External Assessment - Argumentation, Persuasion and Instructional 40%

Key Dates

- *Oracy group discussion (Unit 1) deadline: to be completed by October half-term.*
- *Unit 2 Examination: 9am Thursday 23 May 2024 (2 hours).*
- *Unit 3 Examinations: 9am Thursday 6 June 2024 (2 hours).*

Student Revision and Study Tips

- ***Know where to look!*** All English teachers have uploaded revision materials to their class teams in a folder called 'Revision'. English Language support sessions will be run closer to the summer exam series. More Able and Talented (Seren Network) sessions will run with Mrs Rebane from after half-term on a Monday. Mr Pryce also runs a Writer's Hub every Tuesday after school – an opportunity for pupils to experiment with different genres as well as refining their own writing style.
- ***Read as much as you can!*** Practice your skimming and scanning skills by reading a range of texts and looking for the key information – anything from online articles to novels!

Student Revision and Study Tips

- ***Know your deadlines!*** *Keep an eye on the assignments set for you on Teams by your English teacher and make sure all classwork and homework deadlines are met. Key dates have been added above.*
- ***Get skilled up!*** *Make sure you are familiar with key exam skills and question types. If you hear words like ‘summarise’ and ‘compare’ you should know exactly what to do.*

English Digital Revision Tools

➤ GCSE Pod

➤ WJEC Resources

➤ BBC Bitesize



GCSE Pod

Login with Office 365 (School YR and Password)

***Tips for Success** – a series of videos giving tips and advice on how to succeed in all the major question types.*

WJEC Unit 2: Example Responses – a sample Unit 2 paper with videos walking you through example answers.

WJEC Unit 3: Example Responses – a sample Unit 3 paper with videos walking you through example answers.



WJEC Educational Resources Website

The screenshot shows the homepage of the WJEC Educational Resources website. At the top left is the WJEC logo with 'cbac' below it. To the right, there are links for 'English' and 'Cymraeg'. A blue navigation bar contains 'Home', 'Find Resources', and 'Contact us'. Below this is the tagline 'Enhancing learning, enabling achievement' and 'WJEC Digital Educational Resources'. A central section features a blue graphic with the text 'Click here for Blended Learning modules, Exam Walk Throughs, and Knowledge Organisers.' To the right of this is a 'Quick Search' widget with 'Subject' and 'Level' dropdown menus. Below the main content are two smaller boxes: 'Teaching in England?' and 'Guidance for Teachers in the event of disruption to Teaching and Learning'.

wjec
cbac

English | Cymraeg

Home Find Resources Contact us

Enhancing learning, enabling achievement

WJEC Digital Educational Resources

Click here for Blended Learning modules, Exam Walk Throughs, and Knowledge Organisers.

Quick Search
Subject
English Language
Level
KS4

Teaching in England?
Visit our [Education resources website](#) for the full range of teaching and learning materials designed specifically to support your qualifications.

Guidance for Teachers in the event of disruption to Teaching and Learning

A close-up of the 'Quick Search' widget from the website. It has a blue background and contains two dropdown menus. The first is labeled 'Subject' and is set to 'English Language'. The second is labeled 'Level' and is set to 'KS4'. A magnifying glass icon is visible to the right of the search fields.

Quick Search
Subject
English Language
Level
KS4

WJEC Educational Resources Website

All Resources By Subject

Search Options

Subjects

Keywords

Tags

Search All > English Language > KS4



Description - Blended learning

English Language



Exposition - Blended learning

English Language



Narration - Blended learning

English Language



Reviews - Blended learning

English Language



Talks - Blended learning

English Language



Letters - Blended learning

English Language

Look for the 'blended learning' lessons on key skills such as summary and comparison.

Lessons are online and interactive, reinforcing the skills you have learned in class.

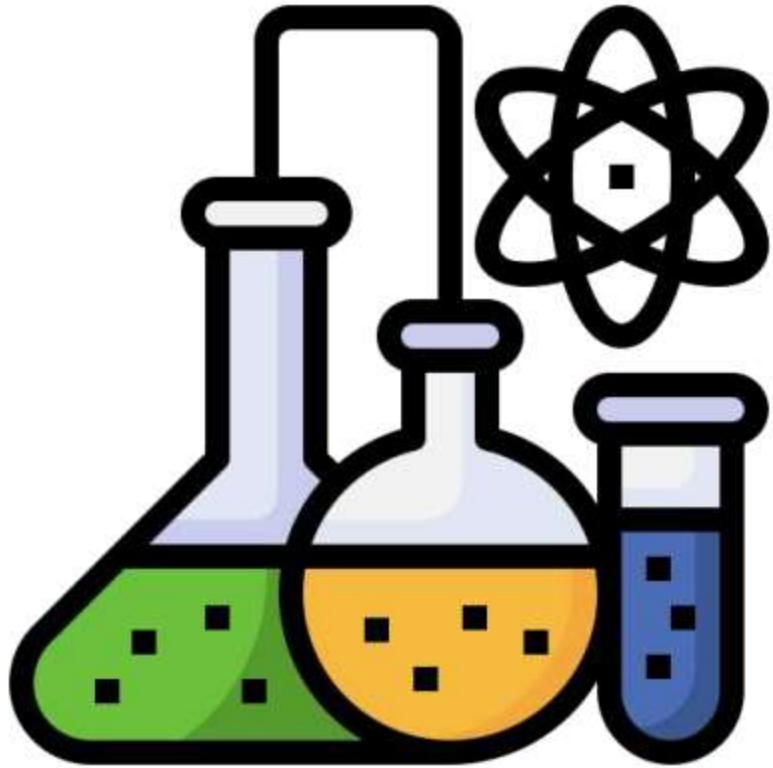
BBC Bitesize GCSE English Language (WJEC)

[GCSE English Language - WJEC - BBC Bitesize](#)



A series of tasks and revision tips covering significant exam areas including:

- Analysing fiction
- Analysing non-fiction
- Comparing texts
- Writing
- Spelling, punctuation and grammar
- Spoken language



*Year 11 –
GCSE
Science*

Biology/Chemistry/Physics

Unit	Percentage of course	When assessed
One – Written examination	45	Summer exam series of Year 10 Resits available summer exam series of year 11
Two – Written examination	45	Summer exam series of Year 11
Three – Practical Assessment	10	First half of Spring Term of year 10 Resits available for Year 11

Further detail on individual units is available in your booklet

Single Award Applied

Unit	Percentage of course	When assessed
One – Written examination	40	Summer exam series of Year 10 Resits available summer exam series of year 11
Two – Written examination	30	Summer exam series of Year 11
Three – Task based assessment	20	Second half of Spring Term of year 10
Four - Practical Assessment	10	First half of Spring Term of year 11

Further detail on individual units is available in your booklet



*Resources
from the
WJEC*



WJEC Blended Learning Modules for all Subjects



Student Support

- Key dates & exam timetables
- Revision tips
- Revision Resources
- NEW Knowledge Organisers
- NEW Blended Learning
- Exam Walk Throughs
- NEW Bridging Resources
- Past papers
- Your wellbeing
- Results day
- Unhappy with your results?
- Malpractice



We have worked closely with practitioners across all four consortia to design and develop blended learning modules to support teachers and students.

See latest blended learning modules below.

Applied Science

CCSE

Biology

Need Help?

- Unhappy with your results?
- Malpractice
- Replacement exam certificates
- Private candidates

Biology

AS/A Level

GCSE

KS3-4 Bridging unit: Biology - Unit 1

Unit 1.1 Cells and movement across membranes

Unit 1.2 Respiration and respiratory system in humans

Unit 1.3 Digestion and the Digestive System in Humans

Unit 1.4 Circulatory systems in humans

Unit 1.6 Ecosystems, nutrient cycles and human impact on the environment

Unit 2.1 Classification and biodiversity

Unit 2.2 Cell division and stem cells

Unit 2.3 DNA and inheritance

Unit 2.4 Variation and Evolution

Unit 2.5 Response and Regulation

Unit 2.6 Kidneys and Homeostasis

Unit 2.7 Micro-organisms and their applications

Unit 2.8 Disease, Defence and Treatment

Need Help?

Click on the topic you would like to revise



Resource



GCSE Unit 2.1 Classification and biodiversity - Blended Learning

Biology
KS4 >

This blended learning resource contains interactive self-study content covering GCSE Unit 2.1 Classification and biodiversity.

The resource is designed to complement traditional face to face teaching with an online learning pack that allows students to learn at their own pace.

It can be used as revision by students, as part of catch-up or for flipped learning.

It should not be seen as a way to deliver the content in a classroom setting and should always be blended with conventional methods.

Information

Published: 07 October 2021
Author: - Sharon Goulden

Related Resources



Applied Science eBook - Part 1
Applied Science



Ecosystems - semi-arid grasslands
Geography



Applied Science eBook - Part 2
Applied Science



Applied Science eBook - Part 3
Applied Science



Global Governance of the Earth's Oceans
Geography

student focused Variation, homeostasis and micro-organisms

Files

[Open resource](#)

[Acknowledgements](#)

Feedback

Not seeing what you want? Is there are problem with the files? Do you have a suggestion? Please give us feedback, we welcome all correspondence from our users.

name:

email:



☰ Dashboard

1.0 Classification and scientific names 5 ▾

Lesson objectives

Classification of living things

The binomial system and scientific names

Past paper question

How did you do?

2.0 Adaptation and competition 4 ▲

3.0 Biodiversity and biological control 5 ▲

4.0 Sampling the environment 5 ▲

Classification and Biodiversity

GCSE
Biology



You haven't started this lesson yet.

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WJEC Question Bank

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Question Bank

- Question Bank FAQs
- Feedback

WJEC are currently creating a new and improved Question Bank which will offer users greater functionality. In the meantime the current system will remain available but we will not be uploading any new questions to the site.

Question Bank is a free tool which allows you to create practice question papers from thousands of WJEC past paper questions. Find the questions you need, add them to your paper and export your paper with accompanying mark scheme and examiner's comments as a PDF ready to use in the classroom.

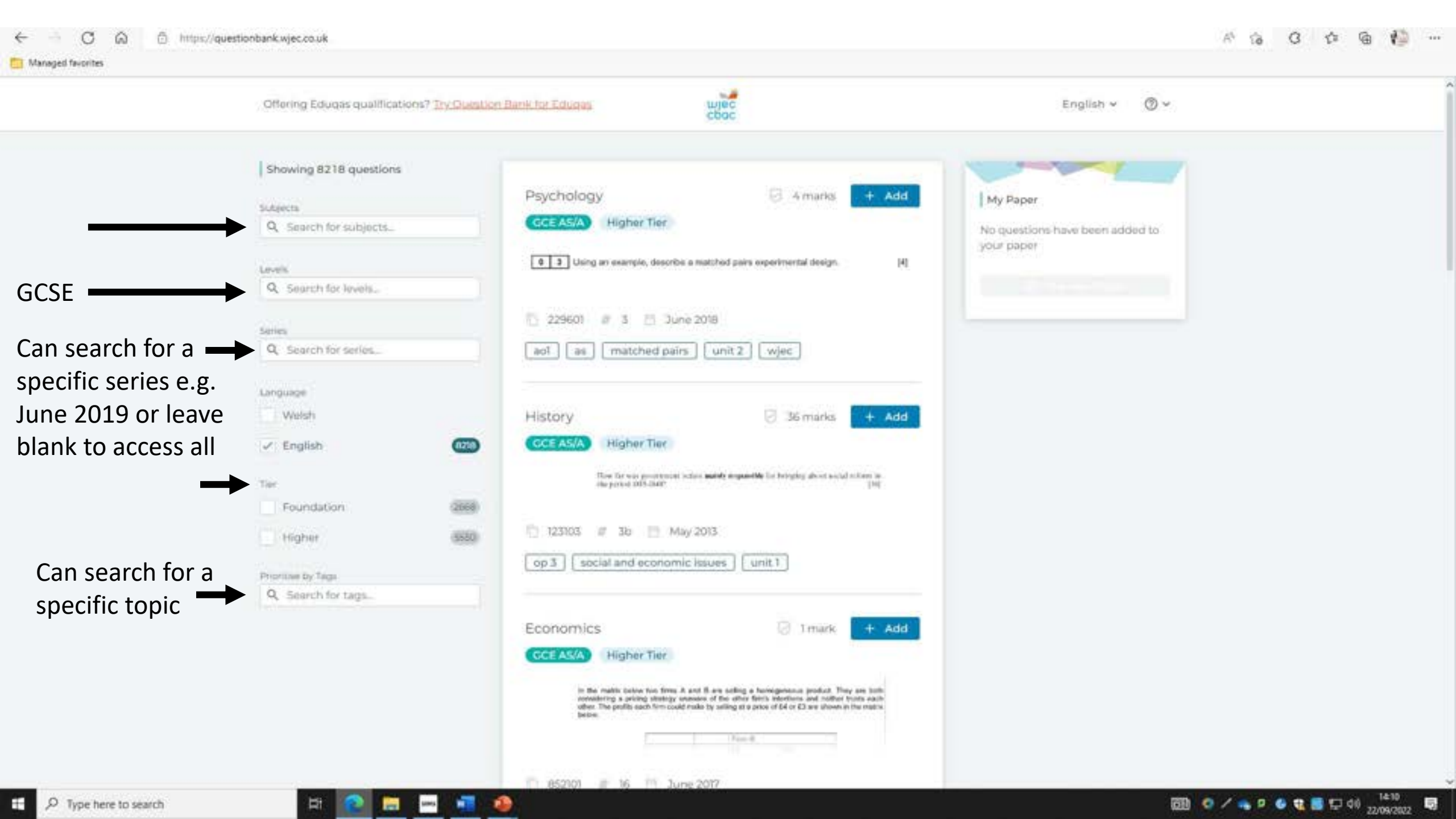
[Question Search](#)



GCSE [GCE AS/A Level](#)

- GCSE Applied Science
- GCSE Biology
- GCSE Business Studies
- GCSE Chemistry
- GCSE Mathematics
- GCSE Food and Nutrition
- GCSE Physical Education
- GCSE Physics

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English ⌵

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 English 8218

Tier
 Foundation 2668
 Higher 5550

Promote by Tags
Search for tags...

Psychology 4 marks + Add

GCE AS/A Higher Tier

3 3 Using an example, describe a matched pairs experimental design. [1]

229601 # 3 June 2018

ao1 as matched pairs unit 2 wjec

History 36 marks + Add

GCE AS/A Higher Tier

How far was government action **really** important in bringing about social reform in the period 1915-1940? [10]

123105 # 3b May 2013

op 3 social and economic issues unit 1

Economics 1 mark + Add

GCE AS/A Higher Tier

In the matrix below two firms A and B are selling a homogeneous product. They are both considering a pricing strategy against the other firm's intentions and neither trusts each other. The profits each firm could make by selling at a price of £4 or £3 are shown in the matrix below.

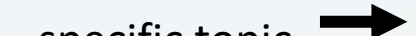
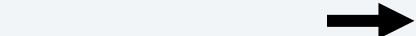
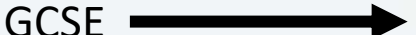
Firm B

852101 # 16 June 2017

My Paper

No questions have been added to your paper

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GCSE

Can search for a specific series e.g. June 2019 or leave blank to access all

Can search for a specific topic

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Biology 300

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Series
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Language
 Welsh

English 300

Tier
 Foundation 145

Higher 165

Prioritise by tags
Search for tags...

genetics

1. (a) State what is meant by the following terms
(i) gene.

343402 # 1 June 2019
genetics diagrams mutation tables

Biology 6 marks + Add

GCSE Foundation Tier

(ii) Gregor Mendel crossed purple flowered pea plants with white flowered pea plants. All the F1 generation were purple flowered. Show this cross by completing the Punnett square below. Use the letter D to represent the purple allele and the letter d to represent the white allele.

446101 # 6 June 2016
genetics fractions percentages ratios

Biology 10 marks + Add

GCSE Higher Tier

2. Cystic Fibrosis (CF) is a serious medical condition which affects the lungs. It results from a mutation in the DNA of a single gene which gives rise to a recessive allele.
(a) Explain the meaning of the term recessive allele.

340302 # 2 June 2019
genetics drugs and therapies mutation

your paper

Click here to see the question

Click here to add to your paper

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Showing 300 questions

Subjects
Search for subjects...

Biology 300

Levels
Search for levels...

GCSE 300

Series
Search for series...

Language
 Welsh
 English 300

Tier
 Foundation 143
 Higher 155

Prioritise by Tags
Search for tags...

genetics

Biology 8 marks + Add

GCSE Higher Tier

1. State what is meant by the following terms:
(i) gene. [1]

343402 # 1 June 2019

genetics diagrams mutation tables

Biology 6 marks - Remove

GCSE Foundation Tier

Gregor Mendel crossed purple flowered pea plants with white flowered pea plants. All the F1 generation were purple flowered. Show this cross by completing the Punnett square below. Use the letter D to represent the purple allele and the letter d to represent the white allele. [1]

446101 # 6 June 2016

genetics fractions percentages ratios

Biology 10 marks - Remove

GCSE Higher Tier

2. Cystic Fibrosis (CF) is a serious medical condition which affects the lungs. It results from a mutation in the DNA of a single gene which gives rise to a recessive allele.

My Paper

4 questions
28 marks
1 subject
Approx. 28 minutes

Clear all Preview Paper





Back to search

My Paper

Paper name

Biology

Questions

Drag a question to reorder or remove it from your paper

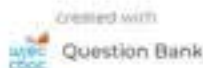
- #1 446101 Q6 6
- #2 340302 Q2 10
- #3 446102 Q1 6
- #4 445101 Q6 6

Drag a question here to remove it

Title Page

Biology

Question	Maximum Mark	Mark Awarded
#1	6	
#2	10	
#3	6	
#4	6	
Total	28	



Disclaimer: The questions in this session paper have all been taken from actual examinations that have taken place. Whilst the questions are the property of WJEC, this session paper was created using an online tool and WJEC takes no responsibility for the content within it.

446101 Q6

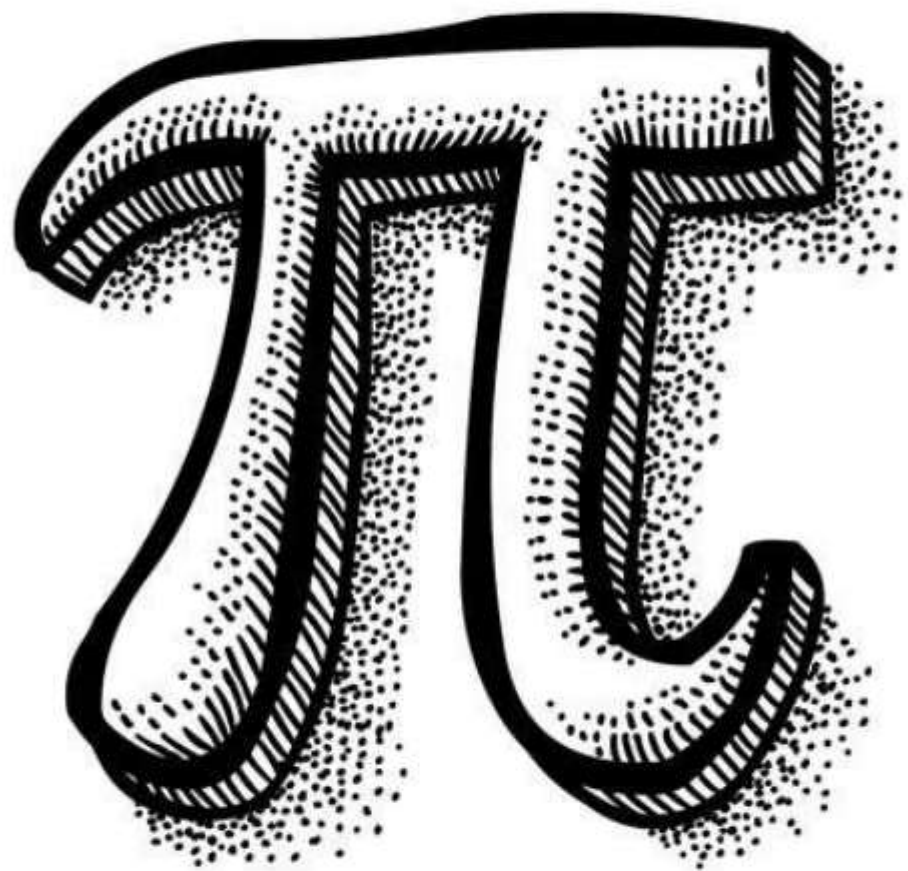
Move Down Remove

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- Questions
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*Year 11 –
GCSE
Maths*

Course Outline...

Mathematics & Numeracy

- *GCSE Mathematics builds on the progress made at the end of KS3 and extends to aspects of mathematics needed for progression to scientific, technical or further mathematical study.*
- *Learners can develop the skills needed to select and apply methods in both mathematical and real-world contexts.*
- *The course also enables learners to communicate mathematical information in a variety of forms, draw and justify conclusions based off their calculations and workings.*

Course Outline continued...

Mathematics & Numeracy

- *GCSE Numeracy will enable learners to develop knowledge, skills and understanding of mathematical and statistical methods required for everyday life.*
- *Pupils will benefit from being able to acquire and use strategies for problem solving and modelling in context.*
- *As well as being able to interpret different mathematical results and communicate information in a variety of forms.*

Course Outline...

What is Assessed?

GCSE	Mathematics – Numeracy	Mathematics	
Content	Number, Measure and Statistics plus <u>some aspects of</u> Algebra, Geometry and Probability	<u>All</u> the content of GCSE Mathematics - Numeracy	<u>Additional</u> Algebra, Geometry and Probability
Assessment focus	The application of the above content in context	–	The application of the <u>above</u> content in context
		Procedural skills in situations that are context-free or involve minimal context for <u>all</u> content	

Key Dates

- *GCSE Mathematics Numeracy: External WJEC*
 - *Unit 1: 9am Tuesday 7 November 2023*
 - *Unit 2: 9am Thursday 9 November 2023*
 - *Resit Unit 1: 9am Thursday 9 May 2024*
 - *Resit Unit 2: 9am Monday 3 June 2024*
- *GCSE Maths & Numeracy Internal PPEs (Mocks): Weeks commencing 4th and 11th December 2023*
- *GCSE Mathematics: External WJEC*
 - *Unit 1: 9am Thursday 16 May 2024*
 - *Unit 2: 9am Wednesday 12 June 2024*

Revision Materials and Resources

Mathematics & Numeracy



WJEC Question Bank



Maths DIY



Corbett Maths



Mathematics - [Youtube](#)

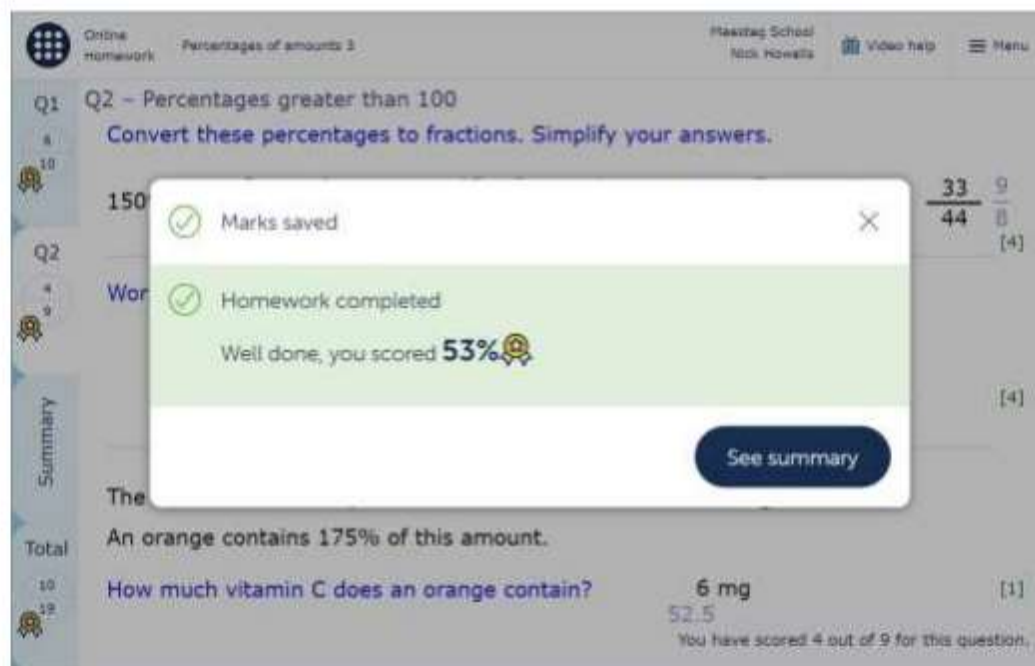
Revision Resource	Website Address
WJEC Question Bank	https://questionbank.wjec.co.uk/
Maths DIY	https://www.mathsdiy.com/
Corbett Maths	https://corbettmaths.com/
Maesteg Maths YouTube	https://www.youtube.com/channel/UCt5Dd23lLz7HI2fZn7C5BGQ

Your pack will contain QR codes which you can scan to take you to the websites and resources we encourage all learners to familiarise themselves with and use to consolidate their own learning.

These QR codes will be attached to pupils' own revision packs which will be distributed shortly.

Investing Time In Independent Learning

My Maths



Online homework Percentages of amounts 3 Maesteg School Nick Howells Video help Menu

Q1 Q2 - Percentages greater than 100
Convert these percentages to fractions. Simplify your answers.

150 $\frac{33}{44}$ $\frac{9}{8}$ [4]

Q2 Wor $\frac{33}{44}$ $\frac{9}{8}$ [4]

Summary

The An orange contains 175% of this amount.

Total How much vitamin C does an orange contain? 6 mg 52.5 [1]

You have scored 4 out of 9 for this question.



You scored 53%

Finish

Question	Score	Score %
Q1 - <u>Percentages less than 100</u>	$\frac{6}{10}$	60%
Q2 - <u>Percentages greater than 100</u>	$\frac{4}{9}$	44%



Hints and Tips

Mathematics & Numeracy

- *For pupils to be successful, it is going to be a team effort!*
- *Teachers, household and most importantly the pupils themselves.*
- *Investment in independent learning. Investing time in consolidating key mathematical concepts and topics.*
- *Pupils will have access to weekly revision sessions.*
- *Ensure to complete set tasks on My Maths (or past paper questions) for homework.*
- *Access resources available: WJEC Question Bank, Corbett Maths and Maesteg YouTube Maths Chanel.*
- *Prepare for mock assessments in same fashion as actual exams. Invest time to consolidate learning and access past paper questions linked to recently covered topics.*
- *We want pupils to have a stress-free approach to their final exams. This can happen through a steady consistent and mature approach to learning.*

*"The more I practice,
the luckier I get"*

*Gary Player:
160 Professional Wins
9 Major Championships*



**YSGOL
MAESTEG**



Key Exam and Assessment Information

Dates Relevant to all subjects:

- Parent and Carer's Evening: Thursday 30th November 2023, 3:30pm – 6pm.
- PPE (Pre-Public Examination) Mocks: Weeks commencing 4th and 11th December 2023.
- Full School Report: Sent in March 2024.

Please note that a pupil specific chronological exam timetable is given before exam season.

SUBJECT	UNIT	DATE
ENGLISH LANGUAGE	Unit 1 (10%) Recording of group discussion.	Completed by October half-term
	Unit 2 (40%) Description, Narration & Exposition Exam	Thursday 23 May
	Unit 3 (40%) Argumentation, Persuasion & Instructional Exam	Thursday 6 June

SUBJECT	UNIT	DATE
MATHEMATICS – NUMERACY	Unit 1 (50%) Non-Calculator Exam	Tuesday 7 November 2023
	Unit 2 (50%) Calculator Allowed Exam	Thursday 9 November 2023
	Unit 1 (50%) Non-Calculator (Re-Sit Exam)	Thursday 9 May 2024
	Unit 2 (50%) Calculator Allowed (Re-Sit Exam)	Monday 3 June 2024
MATHEMATICS	Unit 1 (50%) Non-Calculator Exam	Thursday 16 May 2024
	Unit 2 (50%) Calculator Allowed Exam	Wednesday 12 June 2024

After School Sessions for Year 10 Pupils

The library is available from 2:50-3:50 after school Monday-Thursday if pupils need a quiet space or access to the internet in order to complete homework.

Monday	Tuesday	Wednesday
English (<u>Seren</u> only)	<u>Maths</u>	<u>Maths</u>
Chemistry - Week 1 Unit 1	Writer's Hub	Physics - Week 1 Unit 1
Chemistry - Week 2 Unit 2	Biology - Week 1 Unit 1	Physics - Week 2 Unit 2
Construction	Biology - Week 2 Unit 2	3D Product Design
Art/Textiles/Photography	3D Product Design	Hospitality & Catering
	Hospitality & Catering	Engineering
	Engineering	Art/Textiles/Photography
	<u>Skillstart</u> Practical Engineering	
	Art/Textiles/Photography	

English Language support will begin closer to the summer exam series.

Physical Education Revision begins after Christmas.

Health and Social Care Revision begins after February Half Term.

End of Year Celebration Event

- *June 2023 – date tbc*
- *Tickets will be free of charge*
- *Transport provided*
- *Prom Swap Shop Event*
- *Sponsorship*

