



Information guide on how to help your child achieve their full potential in Year 11.





CONTENTS

- The Student Section (2 pages)
- Business Studies (2 pages)
- Child Development
- Citizenship (2 pages)
- Computer Science (2 pages)
- Digital Art
- Drama
- D&T Papers and Boards
- D&T Timbers
- English Language
- English Literature
- Fine Art
- French
- Geography
- History
- Hospitality & Catering
- Mathematics (front sheet, then 7 pages for Foundation, then 7 pages for Higher)
- Music (2 pages)
- Science Foundation Double (2 pages)
- Science Foundation Triple (2 pages)
- Science Higher Double (2 pages)
- Science Higher Triple (2 pages)
- Spanish



The student section

Well done on completing your year so far and your work in PPEs. Hopefully you will now have a better understanding of what you can expect in the summer. The purpose of this booklet is to summarise what is expected of you as a Year 11 student and share some revision techniques that you might find useful in the next few months. This includes details of some changes to your summer exams.

Following some or all of the 10 tips below can make a big difference in both your experience and your achievement this year.

1. Imagine your ideal outcome.

Success begins with a sense of what is possible. It is much easier to achieve your goals if you can visualise what you want. It gives you a clear purpose and can help keep you focused during challenging times. Imagine yourself opening your envelope next year and ask yourself: "what will I be happy with?" Then give yourself the means to achieve this!

2. Approach each school day and each lesson with the right attitude.

One of the most important habits of a successful student is treating school as a gift of opportunity rather than as a necessary evil. The students who thrive are not content with being average or just skating by. Instead, they focus on using their time in school to maximize their individual potential as much as possible. They do not allow distractions to get in the way of their learning and cultivate positive relationships with their teachers.

3. Take charge of your education.

The best results come from staying proactive. So don't wait to be told what to do. Seek out ways to go beyond the minimum required. Stay alert to new opportunities that will help you grow in some way. Take calculated risks. Put your future in your own hands instead of hoping that someone else will come along and lead the way for you. Remember to ask questions about the possibilities and opportunities available. Speak to your tutors and to Ms Cuthbertson in the careers office if you require any advice.

4. Get the "whys" right.

If you want to become a successful student, then you have to go to school for the right reasons. That means valuing results that have real substance and being honest with yourself about what you expect to gain out of going to school. Make sure your reasons line up with things that stick around—such as personal development, acquiring marketable skills, improving your understanding of the world, improving your ability to provide for yourself and your family, and so on.

5. Focus on actually learning, not just on your grades.

When you prioritise gaining deep knowledge, retaining what you learn, and mastering valuable skills, the grades tend to take care of themselves. Do not obsess over grades but instead use them as one measurement of your progress. If you get low grades in assessments and past papers, simply learn from them and use the experience to improve your habits. Take the time to reflect on the changes that you can make in order to improve and be more successful next time. Never forget that employers expect you to back up your paper certificate with actual knowledge and abilities.



6. Trust the small steps.

Success is not some grand event that happens overnight. It is developed every day, little by little. Think of the process of achieving your goals more as evolution than revolution. It takes time and it takes resilience. Make sure you master all of the small stuff so that it eventually adds up to something big. Routines are essential. Equipment, organisation, weekly homework, weekly English and maths workouts, revision, regular attendance at P0, P6 and iCollege to name a few. All these "little" things will all eventually help you achieve your goals.

7. Dream bigger.

Although your short-term goals should be reachable, your long-term goals should feel just out of reach. If you always feel like you have everything in the bag, then your big goals probably are not ambitious enough. By dreaming a little bigger, you stretch your potential, sustain your drive, and increase your chances of reaching your vision of success.

8. Stay mindful of negative self-talk.

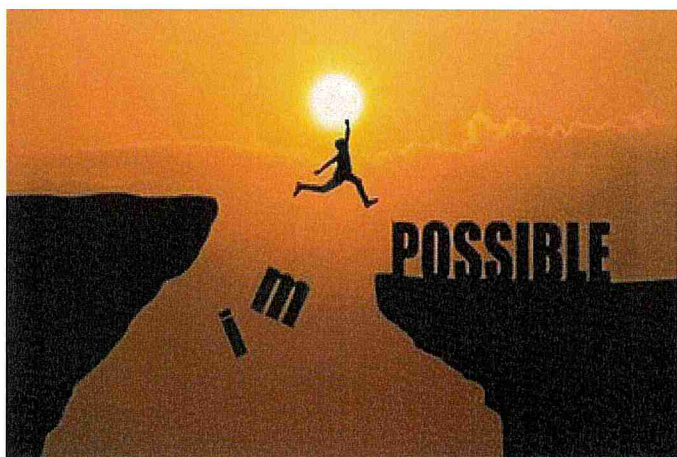
If you catch yourself saying or thinking that you are not worthy, that you are not talented enough, or that the things before you are too hard or impossible, take a few moments to realise what is happening. Be aware that these negative words are not really a part of you but mainly a manifestation of your insecurities. Seek advice and help from your teachers, parents, and friends when you catch yourself thinking negative thoughts and find a way to change your thinking. Find the resilience and the strength to overcome difficulties and believe in yourself at all times.

9. Revise, revise, revise!!!

The GCSE exams you will sit in the summer require you to recall a lot of knowledge and it is important that you give yourself the time to revise what you have learnt in Year 9 and in Year 10. The following section will give you some tips and strategies that you might find useful but the key message to remember is to start early. If you wait until the summer term to start your revision, you will probably feel quite quickly overwhelmed with the amount that you have to remember. It is important that you give yourself the time to revise effectively.

10. Look after yourself.

Make sure to make time for yourself away from electronics. Eat healthy and drink plenty of water so you stay hydrated. In order to make sure that you retain the information you need to learn effectively, you need to allow your brain to relax. Take the time to go out, get some fresh air, exercise and spend time with friends and family. Sport can be a good way to release stress and we can sometimes feel more energised after a brisk walk or a run. Make sure you build in time for your hobbies in your revision schedule. Sleep well and avoid using phones and tablets late at night as this can have a negative effect on our sleep patterns and make us feel tired.



THE PRIORY
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Helping your child achieve their full potential in Business Studies

Paper	Length	%	Date
Component 1: Business Dynamics	2hours	62.5%	Friday 20 th May 2022
Component 2: Business Considerations	1hr 30 mins	37.5%	Monday 13 th June 2022

Exam Board = Eduqas
Specification = GCSE (9-1) in Business

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

Students must be able to confidently use the exam structure that has been taught and applied throughout the course.

1. Make a relevant point in context to case study
2. Explain the point, expand on what it means to the business (**this means/because**)
3. Reflect on the **IMPACT** either positive or negative this will have on the business (**this leads too..**)

Use relevant Business terminology and ensure case study is referenced when answering exam questions.

Contact details

Head of Subject – Ms Anna McCorry
(amccorry@worle-school.org.uk)

Out of lesson support

iCollege (dates tbc)

Fridays DO3 8.00am



THE PRIORITY
LEARNING TRUST

Topics for Each Paper

Paper 1

1. The nature of business activity
2. Providing goods and services
3. Business Planning
4. Aims and objectives
5. Business growth
6. Technological influences on business activity
7. Ethical influences on business activity
8. Economic influences on business activity
9. Globalization
10. Methods of production
11. Quality
12. Sales process
13. Revenue and Costs
14. Profit and loss accounts (income statements)
15. Financial performance
16. Promotion
17. Place
18. Training
19. Motivation
20. Gross and net profit margin
21. ARR (Average rate of return)
22. Market share
23. Cash flow forecasts

Paper 2

1. The nature of business activity
2. Business aims and objectives
3. Business ownership
4. Business growth
5. Environmental influence on business activity
6. Revenue and Costs
7. Financial Performance
8. Identifying customer needs and wants
9. Market research
10. Product
11. Price
12. Promotion
13. Place
14. Recruitment
15. Training
16. Revenue, costs and profit

Useful Websites

<https://www.bbc.co.uk/bitesize/examspecs/zbqrgwx>

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

https://www.edugas.co.uk/qualifications/business-gcse/#tab_overview

<https://www.gcsepod.com/>



Helping your child achieve their full potential in Child Development

Coursework	Length	%	Date
R019	4 units	25	April 2 nd 2022

Topics for Each Paper

Paper 1

All exams have been taken however there is an opportunity for all students to re-sit this summer depending on the results we get at the end of March.

Exam Board = Cambridge national OCR

Specification =J818

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

Students must bring their workbooks to all lessons.

Students must complete a minimum of 1 hour per week on their coursework.

Students must submit their coursework on time.

Useful Websites

Quizlet – All students have log ins

<https://www.ocr.org.uk/Images/358340-unit-r019-sample-learner-work.pdf>

Contact details

Head of Subject – Mrs Jess Matthews:
jmatthews@worle-school.org.uk

Out of lesson support

P6i Tuesdays at 3PM



THE PRIORY
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Helping your child achieve their full potential in Citizenship

Paper	Length	%	Date
GCSE Citizenship Studies Paper 1 (8100/1)	1h 45m	50	23 May 2022
GCSE Citizenship Studies Paper 2 (8100/2)	1h 45m	50	14 June 2022

Topics for Each Paper
Paper 1
See list on next page
Paper 2
See list on next page

Exam Board = AQA

Specification = GCSE

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

Use the revision guides given out to all students and select a topic from the list below. Read the relevant information then answer revision questions at the end of each chapter.

Useful websites:

<https://www.aqa.org.uk/subjects/citizenship/gcse/citizenship-studies-8100/assessment-resources>

<https://www.aqa.org.uk/subjects/citizenship/gcse/citizenship-studies-8100/subject-content>

<https://www.bbc.co.uk/bitesize/subjects/z3ckjxs>

<https://learning.parliament.uk/resources/>
<https://www.bbc.co.uk/news>

Contact details

Head of Subject – Mr Mick Green
mgreen@worle-school.org.uk

Out of lesson support

P6i Monday 3.00 pm in MO1



The focus of the June 2022 exam will be as follows:

Paper 1

- 3.2.2 The United Kingdom of Great Britain and Northern Ireland is comprised of England, Northern Ireland, Scotland and Wales. The impact of this on identity debates.
- 3.2.5 Two different examples of how citizens working together, or through groups, attempt to change or improve their communities through actions to either address public policy, challenge injustice or resolve a local community issue.
- 3.4.1 The institutions of the British constitution: the power of government, the Prime Minister and cabinet; the sovereignty of Parliament; the roles of the legislature, the opposition, political parties, the Monarch, citizens, the judiciary, the police and the Civil Service.
- 3.4.2 How powers are organised between the Westminster Parliament and the devolved administrations in Northern Ireland, Scotland and Wales; how relations are changing between England, Scotland, Wales and Northern Ireland; the debate about 'English votes for English laws'.
- 3.4.2 Issues relating to voter turnout, voter apathy and suggestions for increasing voter turnout at elections.
- 3.4.2 How public taxes are raised and spent by government locally and nationally.
- 3.4.2 Different viewpoints and debates about how governments and other service providers make provision for welfare, health, the elderly and education.
- 3.4.3 How parliament works: scrutinising government and making it accountable; parliamentary questions, committees, debates.
- 3.4.5 The different forms of action citizens can take to hold those in power to account for their actions; how the citizen can contribute to public life by joining an interest group or political party: standing for election; campaigning; advocacy; lobbying; petitions; joining a demonstration; volunteering.

Paper 2

- 3.2.1 Key factors that create individual, group, national and global identities.
- 3.2.2 The need for mutual respect and understanding in a diverse society and the values that underpin democratic society.
- 3.2.3 The operation of press regulation and examples of where censorship is used.
- 3.2.4 The role of the UK within the United Nations, NATO, the European Union (EU), the Council of Europe, the Commonwealth and the World Trade Organisation (WTO).
- 3.2.4 How the UK has assisted in resolving international disputes and conflicts, and the range of methods used.
- 3.2.4 How non-governmental organisations (NGOs) respond to humanitarian crises.
- 3.3.1 Rights in local to global situations where there is conflict and rights and responsibilities need to be balanced.
- 3.3.3 Common law, legislation and how they differ.
- 3.3.3 The right to representation; the role and history of trade unions in supporting and representing workers; the role of employers' associations.
- 3.3.3 The nature of criminality in the UK today: o differing types of crimes o profile of criminality in the UK o factors affecting crime rates in society and strategies to reduce crime.
- 3.3.3 How we deal with those who commit crime. o differing forms of punishment available in the UK. o the purposes of sentencing. o the effectiveness of differing types of sentence. o how the youth justice system operates.
- 3.3.5 How do citizens play a part to bring about change in the legal system?
- 3.4.1 Where does political power reside in the UK and how is it controlled?
- 3.4.2 The practice of budgeting and managing risk and how it is used by government to manage complex decisions about the allocation of public funding.
- 3.4.5 How can citizens try to bring about political change?



Helping your child achieve their full potential in Computer Science

Paper	Length	%	Date
Exam 1: Computer Systems	1 hr 30 mins	50%	Friday 16 th May 2022
Exam 2: Computational Thinking	1 hr 30 mins	50%	Monday 27 th May 2022

Exam Board = OCR
Specification = J277 GCSE (9-1)

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

For Exam 1, students must be able to use their theoretical knowledge and technical vocabulary to answer scenario based questions on a set number of topics. They must also be prepared to convert between different number systems

In order to answer 8 to 9 mark questions, students should follow the structure they have practiced in order to receive optimum marks

For Exam 2, students should be able to use their problem solving and programming skills in order to interpret, complete and create algorithms based on given problems. Students should ensure that they decompose the problem and understand what skills they need to show. They should also be clear as whether they will use OCR reference language or Python

Contact details

Head of Subject – Mr Richard Whitehead
rwhitehead@worle-school.org.uk

Out of lesson support

iCollege (dates on website)



THE PRIORY
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Topics for Each Paper

Paper 1

- 1.1.1 Architecture of the CPU
 - The purpose of the CPU
 - Common CPU components and their features.
 - Von Neumann architecture
- 1.2.1 Primary storage
- 1.2.2 Secondary storage
- 1.2.3 Units
- 1.2.4 Data Storage
 - Numbers, Characters, Images and Sound.
- 1.2.5 Compression
- 1.3.1 Networks and topologies
 - Factors that affect the performance of networks.
 - The hardware needed to connect stand-alone computers into a Local Area Network.
 - The Internet as a worldwide collection of computer networks
- 1.3.2 Wired and wireless networks, protocols and layers
 - Modes of connection.
 - Encryption.
 - IP addressing and MAC addressing.
 - Standards.
 - Common protocols.
- 1.4.2 Identifying and preventing vulnerabilities
- 1.6.1 Ethical, legal, cultural and environmental impact
 - Impacts of digital technology on wider society.
 - Legislation relevant to Computer Science.

Paper 2

1. Principles of computational Thinking
2. Create, interpret and correct algorithms using pseudocode and programming languages
3. Trace Tables
4. Searching and Sorting algorithms
5. Data Types
6. Programming Techniques
7. SQL
8. Arrays
9. Sub routines
10. Variables, Constants, Inputs, Outputs and Operators
11. Sequence, Selection and Iteration
12. Boolean Logic
13. Defensive Design
14. Maintainability
15. Testing and Errors
16. IDE, High Level languages and Translators

Useful Websites

<https://www.smartrevise.online/>

<https://www.gcsepod.com/>



Helping your child achieve their full potential in Digital Art.

Requirement	Length	%	Date
Coursework – Sustained project and supporting evidence (project 2)	N/A	100	8/4/22

Topics for Each project
Project 1
Personalised project- A choice between the themes of Close up, Diversity, Modern Society, In the News and Anatomy.
Project 2
Final major project- A choice between the themes of Architecture, Anatomy and Messages
Project 3
Identity and Mock exam-teenage kicks.

Exam Board = AQA

Work life balance is vital, plan your time effectively to ensure stress is reduced.

Student Expectations to Achieve Target Grade

With the adjustments this year students will not sit a formal exam in digital art. 100% of their mark will be graded on their coursework. This consists of a minimum of 2 projects. The sustained project which will be the student’s largest project alongside a second project to demonstrate their skills across all 4 assessment objectives.

Deadline for coursework completion 8th April 2022

Useful Websites

<https://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/changes-for-2022>

www.pinterest.co.uk- Photographer examples

Contact details
Head of subject: Miss Kelly Anderson
Head of Subject – kanderson@worle-school.org.uk

Out of lesson support
iCollege options slots.





Helping your child achieve their full potential in Drama

Component	%	Assessment	Date
3	40	External	6 th and 7 th April 2022
2	30	Internal	Completed
1	30	Internal	Completed

Component 3
<p>Activity 1: Ideas Log</p> <p>15 marks. 1 hour supervised conditions. Word processed and 800 words. Can take 2 sides of A4 notes in to assist. This explores the Ideas for the performance, including: concept, style, target audience, resources, your contributions, developments and influences.</p>
<p>Activity 2: Skills Log</p> <p>15 marks 1 hour supervised conditions. Word processed and 800 words. Can take 2 sides of A4 notes in to assist. This explores the Skills used in the performance piece, including: your role, the skills, techniques, how you developed them, your contribution and influences of practitioners.</p>
<p>Activity 3: Performance Piece</p> <p>18 marks 10 minute group performance piece. This performance piece must meet the brief set by the exam board.</p>
<p>Activity 4: Evaluation Report</p> <p>12 marks 1 hour supervised conditions. Word processed and 800 words. Can take 2 sides of A4 notes in to assist. This explores an Evaluation of the Component, including: how the performance met the requirements of the brief, the development process, performance, key strengths and areas for further development.</p>

Exam Board = Pearson

Specification = BTEC Tech Award

Work life balance is vital. Start your preparation early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

- Write, learn and rehearse your own monologue for the piece
- Utilise rehearsal time in lesson with your group
- Rehearse with your group out of lesson time
- Prepare 2 sides of A4 notes for each Activity to assist you in the final Log writing
- Attend Drama Drop in for extra rehearsals or support

Useful Websites

All of the resources your child needs are on our Drama Google Classroom. The Component 3 Virtual Classroom has Knowledge Organisers, Writing Frames, Marking schemes, Top tips etc. In the stream you will also find your videos and feedback

Contact details

Head of Subject – Mrs Becky Davies

bdavies@worle-school.org.uk

Out of lesson support: Drop in rehearsals and Log writing support Monday – Thursday after school in D02





Helping your child achieve their full potential in D&T Graphics (Papers & Boards)

Paper	Length	%	Date
Design & Technology	1 hour 45 minutes	50	15 th June 2022

Topics for Paper 1
1.2 How the critical evaluation of new and emerging technologies informs design decisions; considering contemporary and potential future scenarios from different perspectives, such as ethics and the environment
1.4 Developments in modern and smart materials, composite materials and technical textiles
1.12 The categorisation of the types, properties and structure of natural and manufactured timbers
3.2.2 The sources, origins, physical and working properties of papers and boards and their social and ecological footprint • Board
3.2.6 The sources, origins, physical and working properties of papers and boards and their social and ecological footprint • Working properties – the way in which each material behaves or responds to external sources
3.3 The way in which the selection of papers and boards is influenced
3.7 Specialist techniques, tools, equipment and processes that can be used to shape, fabricate, construct and assemble a high-quality paper and board prototype

Exam Board = Edexcel

Specification = Pearson Edexcel (1DT0)

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

- Attend iCollege
- Annotate paper revision resources for reference.
- Make own revision material; flash cards, bullet points, notes, recordings, mind-maps, etc.
- Don't 'cram', spread revision, little and often.
- Good sleep.

Useful links

<https://technologystudent.com/>

BBC Bitesize - Easy-to-understand homework and revision materials.

<https://www.bbc.co.uk/bitesize/examspecs/zb6h92p>

Contact details:

Head of Subject – Miss Aveen Keogh
akeogh@worle-school.org.uk

Out of lesson support

iCollege – Every Wednesday 3:00pm - 4:00pm





Helping your child achieve their full potential in D&T Resistant Materials “Timbers”

Paper	Length	%	Date
Design & Technology	1 hour 45 minutes	50	15 th June 2022

Topics for Paper 1
1.2 - How the critical evaluation of new and emerging technologies informs design decisions; considering contemporary and potential future scenarios from different perspectives, such as ethics and the environment.
1.4 - Developments in modern and smart materials, composite materials and technical Textiles.
1.12 - The categorisation of the types, properties and structure of natural and manufactured timbers.
7.2.3 - The sources, origins, physical and working properties of each natural and manufactured timber and their social and ecological footprint. • Manufactured timber
7.2.6 The sources, origins, physical and working properties of each natural and manufactured timber and their social and ecological footprint. • Working properties – the way in which each material behaves or responds to external sources

Exam Board = Edexcel
Specification = Pearson Edexcel (1DT0)

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

- Attend iCollege
- Annotate paper revision resources for reference.
- Make own revision material; flash cards, bullet points, notes, recordings, mind-maps, etc.
- Don't 'cram', spread revision, little and often.
- Good sleep.

Useful Websites

Design and Technology on the web – a useful site covering all the areas of D&T.
<https://technologystudent.com/>

BBC Bitesize - Easy-to-understand homework and revision materials.
<https://www.bbc.co.uk/bitesize/examspecs/zb6h92p>

Contact details:
Head of Subject – Mr Adrian Winstone
awinstone@worle-school.org.uk

Out of lesson support
iCollege – Every Friday 3:00pm - 4:00pm





Helping your child achieve their full potential in English Language

Paper	Length	%	Date
Paper 1: Explorations in Creative Reading and Writing	1 hour 45 minutes	50%	18 th May 2022
Paper 2: Writers' Viewpoints and Perspectives	1 hour 45 minutes	50%	10 th June 2022

Topics for Each Paper
Paper 1
Section A – Reading – Questions on an unseen fiction text Source A will be 20 th C fiction Q1) List four things... Q2) How does the writer's use of language... Q3) How does the writer structure... Q4) A student having read this said... To what extent do you agree?
Section B – Writing – Choose ONE task Q5) Descriptive or narrative writing
Paper 2
Section A – Reading – Questions on two unseen non-fiction texts Source A will be 21 st C Autobiographical writing. Source B will be 19 th C Essay. Q1) Find the four TRUE statements Q2) Write a summary of the differences... Q3) How does the writer's use of language... Q4) Compare how the writer's present their ideas on...
Section B – Writing – Text Types writing Q5) Non-fiction writing in response to a stimulus statement. You may be asked to write an article

Exam Board = AQA
Specification = 8700

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

In order to be successful, students of English Language need to demonstrate their ability to read unseen extracts and respond analytically to the writer's craft. Paper 1 Section A will provide one fiction piece, whereas Paper 2 Section B will focus on two unseen nonfiction pieces. During section A of both papers, students will need to identify short and accurate quotations (AO1) and analyse the writer's methods and their effects on the reader (AO2). Both papers also include a writing section where students will need to demonstrate their ability to craft language for effect and purpose. Fluency, excellent literacy and accurate paragraphing are essential. Paper 1 will offer a choice of creative writing tasks whereas Paper 2 will ask students to write a persuasive article on a topic identified in the paper.

Useful Websites

- <http://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes> (search for English Language GCSE, English Language (8700) for specimen papers and mark-schemes)
- <http://www.englishbiz.co.uk/> (skills focused GCSE help)
- <http://www.bbc.co.uk/schools/gcsebitesize/english/> (sections on fiction and non-fiction texts, comparison skills and writing styles)
- <http://www.educationquizzes.com/gcse/english/> (revision quizzes on all aspects of the course)
- <http://www.bbc.co.uk/skillswise/english> (reading and writing skills, including grammar essentials)

Revision materials are available on your Google Classroom. They are produced by your English teachers for YOU!

Contact details
Head of English – Mrs G. Harris
gharris@worle-school.org.uk





Helping your child achieve their full potential in English Literature

Paper	Length	%	Date
Paper 1: 'A Christmas Carol' (1N) 'Power and Conflict' poetry (1P)	2x 50 minute exams	50%	25 th May 2022
Paper 2: 'Romeo and Juliet' and Unseen Poetry	1 hour 45 minutes	50%	8 th June 2022

Exam Board = AQA

Specification = 8702

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

In order to be successful, students of English Literature need to craft extended analytical essays that incorporate AO1 (meaning and evidence), AO2 (techniques and their effects) and AO3 (context within and beyond the text). Both 'Romeo and Juliet' and 'A Christmas Carol' questions provide a short extract as a starting point, however students MUST explore AO1, AO2 and AO3 (in relation to the question focus) for the extract AND the wider text to avoid having their mark penalized. Similarly, the 'Power and Conflict' poetry anthology question will provide one of the 15 studied poems printed in the question paper. Students must compare the printed poem with one other poem (from memory) whilst maintaining an analytical focus on the question focus. Finally, the unseen poetry section will ask students to annotate a poem and analyse aspects of AO1 and AO2. The final comparison between two unseen poems is focused on AO2 only.

Topics for Each Paper

Paper 1

1N- A Christmas Carol. Students will be provided with an extract. The question will explore either a character or theme. Students need to link their response to the wider text.

1P- Power and Conflict Poetry. Students will be provided with one poem from the anthology. The question will focus on a theme. Students will need to compare the poem with one other poem (from memory) they have studied in the Power and Conflict anthology.

Paper 2

2 'Romeo and Juliet' and Unseen Poetry

Students will be provided with an extract from Romeo and Juliet. The question will explore either a character or theme. Students need to link their response to the wider text.

There are two unseen poetry questions in section B. The first question asks students to analyse and write analytically about an unseen poem. This is the main task in this section and should include an extended response. The final question is a short comparison question between the first unseen poem and a second provided

Useful Websites

- <http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702/assessment-resources> (specimen papers and mark schemes)
- <https://www.youtube.com/user/mrbruff/playlists> (Mr Bruff revision videos for all texts and poems)
- <http://www.bbc.co.uk/schools/gcsebitesize/english/literature/> (revision sections A Christmas Carol and Romeo and Juliet)
- <http://www.sparknotes.com/> (Online revision guides for all of the novels and plays studied for AQA available)
- <https://revisionworld.com/a2-level-level-revision/english-literature-gcse-level> (Romeo and Juliet revision resources)

Revision materials are available on your Google Classroom. They are produced by your English teachers for YOU!

Contact details

Head of English – Mrs G. Harris
gharris@worle-school.org.uk



**THE PRIORY
LEARNING TRUST**



Helping your child achieve their full potential in Fine Art.

Requirement	Length	%	Date
Coursework – Sustained project and supporting evidence (project 2)	N/A	100	8/4/22

Exam Board = AQA

Work life balance is vital, plan your time effectively to ensure stress is reduced.

Student Expectations to Achieve Target Grade

With the adjustments this year students will not sit a formal exam in art.
 100% of their mark will be graded on their coursework. This consists of a minimum of 2 projects. The sustained project which will be the students largest project complete with a final piece along with a second project to demonstrate their skills across all 4 assessment objectives.

Deadline for coursework completion 8th April 2022

Topics for Each project
Project 1
Personalised project- A choice between the themes of Close up, Diversity, Modern Society, Out of Place, In the News and Anatomy.
Project 2
Final major project- A choice between the themes of Architecture, Anatomy and Messages
Project 3
Icons

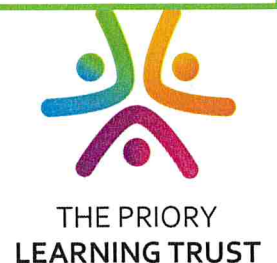
Useful Websites

<https://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/subject-content/fine-art>

www.pinterest.co.uk - GCSE Sketchbook examples

Contact details
Head of Subject – Miss Kelly Anderson
kanderson@worle-school.org.uk

Out of lesson support
iCollege options slots.





Helping your child achieve their full potential in French

Paper	Length	%	Date
Listening	F = 35mins H = 45mins	25%	24 th May 2022
Speaking	F = 7-9mins H = 9-12mins	25%	4 th & 5 th April 2022
Reading	F = 45mins H = 60mins	25%	24 th May 2022
Writing	F = 65mins H = 80mins	25%	16 th June 2022

Topics for ALL Papers
Listening, Speaking, Reading and Writing
Theme 1: Identity and culture.
Theme 2: Local, national, international and global areas of interest.
Theme 3: Current and future study and employment.

Exam Board = AQA

Specification = 8658

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

Use Home Learning booklets and websites listed to revise core vocab.

Attend P6 & P0 sessions as often as possible.

Use your speaking booklet from last year to help you prepare for the speaking assessment.

Revise verbs!

Useful Websites

www.quizlet.com

www.memrise.com

www.bbcbitesize.com

www.gcsepod.com

Contact details

Teacher – Miss Garnett – jgarnett@worle-school.org.uk

HoD – Mrs Webb-Jones – kwebbjones@worle-school.org.uk

Out of lesson support

P6i Tuesdays & Thursdays 3pm

P0 (listening focus) 8am Tuesday Morning



THE PRIORY
LEARNING TRUST



Helping your child achieve their full potential in Geography

Paper	Length	%	Date
1 : PHYSICAL topics	1 hr 30m	35	23/05/22 am
2 : HUMAN topics	1 hr 15m	35	07/06/22 pm
3 : ISSUE EVALUATION FIELDWORK (unseen)	1 hr	30	14/06/22 am

Topics for Each Paper
Paper 1
1a) Tectonic hazards b) Climatic hazards c) Climate change 2a) Ecosystems b) Tropical rainforests c) Cold environments 3a) Coasts b) Rivers Statistical and map skills
Paper 2
1. Urban challenges (Rio and Bristol) 2. Economic Development (Nigeria and UK) Statistical and map skills
Paper 3
1. Issue evaluation topic based on pre-release material (not known until the end of March) 2. Unseen fieldwork questions 3. Statistical and map skills

Exam Board = AQA
Specification = 8035

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

- Student Expectations to Achieve Target Grade**
- Know what content is required for each paper
 - Know what different command words mean for questions
 - Work out what areas of topics are more difficult for you
 - Attend iCollege sessions for those topics
 - Complete active revision for all topics in chunks – do the hardest topics first
 - Complete exam questions from past papers
 - Speak to your teacher or HoD for any help

- Useful Websites**
- <https://www.gcsepod.com>
<https://senecalearning.com/en-GB/>
<https://www.bbc.co.uk/bitesize/examspeecs/zy3ptyc>
 Google classroom

Contact details: Head of Geography
Miss Kath Tipper
ktipper@worle-school.org.uk

Follow the iCollege dates on the website for option subjects.





Helping your child achieve their full potential in History

Paper	Length	%	Date
Paper 1: Medicine	1 hr 15 mins	37.5	Thursday 19 th May 2022 (am)
Paper 3 Germany	1 hr 20 mins	37.5	Thursday 9 th June 2022 (am)
Paper 2: Elizabeth	55 mins	25	Thursday 16 th June 2022 (pm)

Exam Board = Edexcel

Specification = GCSE 9-1 History

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

- Complete the weekly revision tasks in your revision booklet
- Know what content is required for each paper
- Attend iCollege sessions
- Complete active revision for all topics in chunks – do the hardest topics first
- Watch GCSE pods on the three papers
- Practice answering exam questions found in the back of your revision guides (electronic versions on your google classroom)

Topics for Each Paper

Paper 1

- Ideas about the causes of disease 1250-Today
- Approaches to prevention 1250-Today
- Approaches to treatment 1250-Today
- The British sector of the Western Front 1914-18: Injuries, treatment and the trenches

Paper 2

- Queen, government and religion 1558-69
- Challenges to Elizabeth at home and abroad 1569-88
- Elizabethan society in the age of exploration 1558-88

Paper 3

- Weimar Republic 1918-29
- Hitler's rise to power 1919-33
- Nazi control and dictatorship 1933-39
- Life in Nazi Germany 1933-39

Useful Websites

<https://www.gcsepod.com>

<https://senecalearning.com/en-GB/>

<https://www.bbc.co.uk/bitesize/examspeecs/zy3ptyc>

Google classroom

Contact details:

Head of History - Miss Maria Rand
mrand@worle-school.org.uk

Out of lesson support

Please refer to the iCollege programme on the school website



THE PRIORITY
LEARNING TRUST



Helping your child achieve their full potential in Hospitality & Catering

Paper	Length	%	Date
The Hospitality & Catering Industry	1 hour 30 minutes	40	21 st June 2022

Topics for the exam paper
LO1 Understand the environment in which hospitality and catering providers operate.
LO2 Understand how hospitality and catering provisions operate.
LO3 Understand how hospitality and catering provision meets health and safety requirements.
LO4 Know how food can cause ill health.
LO5 Be able to propose a hospitality and catering provision to meet specific requirements.

Exam Board = Eduqas

Specification = 601/7703/2

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

- Attend iCollege – speak to Mrs. Burrows for dates
- Attend Easter school half day.
- Annotate paper revision resources for reference.
- Make own revision material; flash cards, bullet points, notes, recordings, mind-maps, etc.
- Don't 'cram', spread revision, little and often.
- Good sleep.

Useful Websites

<https://resources.wjec.co.uk/Pages/ResourceSingle.aspx?rId=3464>

<https://resources.wjec.co.uk/Pages/ResourceSingle.aspx?rId=4864>

Contact details

Head of Subject – Mrs Tina Burrows

Contact: tburrows@worle-school.org.uk

Out of lesson support

iCollege – please see H16 sign for details





Helping your child achieve their full potential in Mathematics

Paper	Length	%	Date
Paper 1 <i>(non-calculator)</i>	1h30m	$33\frac{1}{3}$	Friday 20 th May, AM
Paper 2 <i>(calculator)</i>	1h30m	$33\frac{1}{3}$	Tuesday 7 th June, AM
Paper 3 <i>(calculator)</i>	1h30m	$33\frac{1}{3}$	Monday 13 th June, AM

Useful Websites

Hegarty Maths
(<https://hegartymaths.com/>)

Method Maths
(<https://www.methodmaths.com/>)

Student expectations to achieve your best grade

- Be strategic in your revision; target topics you struggle with. Use your PPE analysis sheets to identify these topics.
- Hegarty Maths is great to learn/revise content, Method Maths is great to practice applying your knowledge to exam papers.
- Keep going! Remember, you need to score more marks than enough students nationally to secure the grade you want.

**Exam Board = EdExcel
Specification = 1MA1**

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks. Exam paper practice is key; familiarity breeds confidence.

Shown below are lists based on the Advance Information released by the exam board, showing the links to the relevant Hegarty Maths clips to support revision. It should be noted that the exams could still contain other topics and students will be expected to answer questions that bring together knowledge, skills and understanding from across the specification. Students may still need to draw on prior knowledge and they will be expected to apply their knowledge to unfamiliar contexts. This reinforces the need to do lots of practice of exam papers.



WCSAMaths

There will be a formula sheet provided in the exam for students to use. These are included below so they are clear on what is and what isn't included.

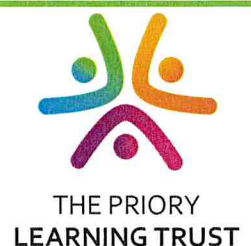
Contact details

Head of Subject - Mr Sean Wood

swood@worle-school.org.uk

Out of lesson support

Maths tutoring and iCollege sessions as timetabled



Topics for Each Paper

Paper 1 - Foundation

Number

	Topics	Clip Number	R	A	G
Arithmetic	Money	743 – 754			
	Negative number	37 – 44			
Fractions	Order fractions, decimals, percentages	52, 55, 73 – 76, 82, 83, 149			
	Fraction of an amount	77			
	Fraction arithmetic	65 – 70, 80			
Properties	Place value	13, 45			
	Product of prime factors	29, 30, 32, 35			
Standard form	Conversion	122, 123, 124			
	Calculation	125, 126, 127			
Approximation and Estimation	Estimation	131			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159, 173, 174			
	Substitute values	155, 278, 780 – 783			
Equations and inequalities	Linear inequality	265 – 272			
	Quadratic equation	230, 234			
Graphs	Quadratic graph	251 – 255			
Sequences	Linear sequence	196, 197, 198			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Conversion	Length	692, 693, 694, 705, 706			
Percentages	Percentage of an amount	84, 85, 86			
	Percentage increase	88, 91, 92, 94, 97, 98			
Ratio	Write as a ratio	328, 329			
	Share in a ratio	332 – 335			
Proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
Compound Measures	Speed	716 – 724			
	Density	725 – 729, 731			

Geometry and measures

	Topics	Clip Number	R	A	G
Shape	Reflection	639, 640, 641			
	Plan and elevation	837 – 844			
Angles	Angles in a polygon	560 – 565			
Length, area, and volume	Volume of a cube	568, 569			
	Volume of a cylinder	572, 573, 574			
Pythagoras's Theorem and Trigonometry	Exact trigonometric values	845			

Probability

	Topics	Clip Number	R	A	G
Probability	Probability	349 – 363			
	Frequency tree	368, 369			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Pictogram	426			
	Bar chart	425			
	Stem and leaf diagram	430 – 433			

Topics for Each Paper

Paper 2 - Foundation

Number

	Topics	Clip Number	R	A	G
Arithmetic	Money	743 – 754			
	Negative number	37 – 44			
Fractions	Fraction arithmetic	65 – 70, 80			
	Order fractions	60			
Properties	Order integers	14, 37			
	Multiples	33			
Approximation and Estimation	Rounding	17, 56, 130, 133			
	Error interval	774 – 777			
Other	Mathematical symbols	14			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159			
	Expansion of bracket	160, 161			
	Factorisation	168 – 171, 223, 224			
	Laws of indices	173, 174			
Equations and inequalities	Linear simultaneous equations	190 – 195, 218, 219			
Graphs	Coordinates	199, 200			
	Straight line graph	205 – 213			
Functions	Number machines	176, 177			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Conversions	Mass, time, area	695, 696, 697, 700, 701, 705, 706, 709, 710, 711			
	Scale drawing	864 – 871			
Percentages	Decimal to percentage	55			
	Percentage profit	760, 761			
	Depreciation	95			
Ratio	Write as a ratio	328, 329			
	Use of ratio	335 – 338			
Proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
	Currency conversion	707, 708			

Geometry and measures

	Topics	Clip Number	R	A	G
Shape	Polygons	822 – 828			
	Circles	592			
	Parallel and perpendicular lines	821			
	Transformations	637 – 645, 648 – 654			
Angles	Angles in a triangle	484 – 491			
	Vertically opposite angles	480			
Length, area, and volume	Area of a rectangle	553, 554, 555			

Probability

	Topics	Clip Number	R	A	G
Probability	Tree diagram	361, 362, 363			
	Combined events	358, 359, 360			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Interpret graph	425 – 433, 450 – 454			
	Two-way table	422, 423, 424			
	Frequency table	401, 402, 403			
Measures	Mode	404, 415, 419, 420			
	Median	409, 416, 419, 420			
	Mean	405 - 408, 417, 419, 420			

Topics for Each Paper

Paper 3 - Foundation

Number

	Topics	Clip Number	R	A	G
Arithmetic	Four operations	18 – 24, 47 – 51, 143 – 146			
	Negative number	38 – 44			
Fractions	Fraction of an amount	77			
	One amount as a fraction of another	62			
	Equivalent fractions	59, 61			
Properties	Factors	27			
	Lowest Common Multiple	34, 35, 36			
Powers and roots	Square root	101			
Approximation and Estimation	Rounding	17, 56, 130, 133			
Other	Calculator use	129			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159, 173, 174			
	Expansion of bracket	160, 161			
	Factorisation	168 – 171, 223, 224			
	Substitute values	155, 278, 780 – 783			
	Change subject of a formula	280 – 287			
	Forming an expression	151, 152, 153			
Equations and inequalities	Linear equation	177 – 186, 188, 189			
	Form an equation	176			
Sequences	Linear sequence	196, 197, 198			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Conversion	Time	709, 710, 711			
	Compound units	724, 731, 737, 738			
	Scale drawings	864 – 871			
Percentages	Percentage to fraction	82			
	One quantity as a percentage of another	62, 76			
	Percentage increase	90, 91, 92, 94, 97, 98			
	Reverse percentage	96			
Ratio	Write as a ratio	328, 329			
	1 : n form	331			
Proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
Compound Measures	Average speed	722, 876, 877			

Geometry and measures

	Topics	Clip Number	R	A	G
Shape	Triangle properties	823			
	Quadrilaterals	824, 825, 826			
	Triangular prism	829, 830			
Angles	Angle properties of parallel lines	481, 482, 483, 490, 491			
	Angles in a triangle	484 – 491			
	Vertically opposite angles	480			
	Bearings	492 – 496, 869			
Length, area, and volume	Area of a triangle	557, 558			
	Area of a trapezium	559			
Pythagoras's Theorem and Trigonometry	Pythagoras's Theorem	498, 499, 501, 502			

Probability

	Topics	Clip Number	R	A	G
Probability	Probability scale	349, 350			
	Probability	351 – 363			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Frequency polygon	441			
Measures	Median	409, 416, 419, 420			
	Range	410, 414, 419, 420			
Population	Comparison of distributions	432, 433			

Perimeter, area and volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

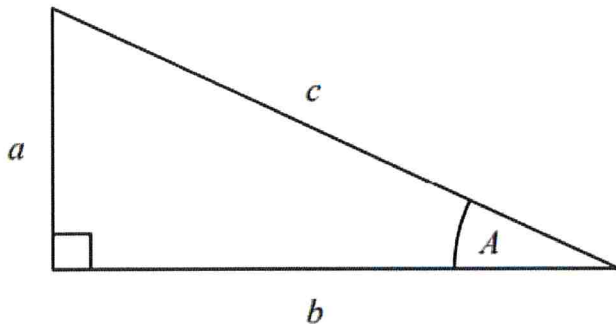
$$\text{Area of a trapezium} = \frac{1}{2} (a + b) h$$

Volume of a prism = area of cross section \times length

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

Pythagoras' Theorem and Trigonometry

In any right-angled triangle where a , b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a , b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

$$\text{Total accrued} = P \left(1 + \frac{r}{100} \right)^n$$

Probability

Where $P(A)$ is the probability of outcome A and $P(B)$ is the probability of outcome B :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

Topics for Each Paper

Paper 1 - Higher

Number

	Topics	Clip Number	R	A	G
Fractions	Fraction of an amount	77			
	Fraction arithmetic	65 – 70, 80			
	Recurring decimal to fraction	53, 54			
Properties	Product of prime factors	29, 30, 32, 35			
	Negative and fractional indices	104 – 110			
Powers and roots	Simplification of surds	113 – 119			
Standard form	Conversion	122, 123, 124			
	Calculation	125, 126, 127			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159, 173, 174, 175			
	Expansion of brackets	160 – 166			
	Algebraic fractions	159, 170, 172, 229			
Equations and inequalities	Linear inequality	265 – 272			
	Form an equation	176			
	Quadratic equation	230 – 234, 238 – 242, 244, 245			
	Equation of a tangent to a circle	320			
Graphs	Quadratic graph	251 – 257, 260			
	Speed-time graph	880 – 886			
	Gradients of parallel and perpendicular lines	214, 215			
	Gradient of a curve	887 – 890			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Percentages	Percentage of an amount	84, 85, 86			
Ratio	Write as a ratio	328, 329			
	Use of ratio	335 – 338			
	Share in a ratio	332 – 335			
	Ratio to fraction	330			
Proportion	Equations of proportion	343 – 347			
Compound Measures	Density	725 – 733			

Geometry and measures

	Topics	Clip Number	R	A	G
Angles	Angles in a polygon	560 – 565			
Length, area and volume	Area of a triangle	557, 558			
	Volume of a cube	568, 569, 583			
	Surface area of a cuboid	584, 589, 590			
	Area of a sector	546, 547			
Pythagoras's Theorem and Trigonometry	Pythagoras's Theorem	497 – 507			
	Exact trigonometric values	845			
Vectors	Vector geometry	628 – 636			

Probability

	Topics	Clip Number	R	A	G
Probability	Probability	351 – 359			
	Independent combined events	360 – 363			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Cumulative frequency graph	437 – 440			
Measures	Mean	405 – 408, 417 – 421			
	Inter-quartile range	412			

Topics for Each Paper

Paper 2 - Higher

Number

	Topics	Clip Number	R	A	G
Approximation and estimation	Error interval	774 – 777			
Other	Use of a calculator	129			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159			
	Expansion of bracket	160, 161			
	Factorisation	168 – 171, 223 – 228			
	Laws of indices	173, 174, 175			
Equations and inequalities	Linear equation	177 – 189			
	Equations of parallel lines	214			
	Form an equation	176			
	Quadratic inequality	277			
Graphs	Coordinates	199, 200			
	Transformations of functions	307 – 313			
	Graphs of trigonometric functions	303 – 306			
Functions	Inverse and composite functions	293 – 297			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Conversions	Area	700, 701			
Percentages	Depreciation	95, 808 – 811			
Ratio	Use of ratio	335 – 338			
Proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
	Currency conversion	707, 708			
	Inverse proportion	342, 346, 347, 348			
Compound Measures	Pressure	734 – 737			

Geometry and measures

	Topics	Clip Number	R	A	G
Shape	Transformations	637 – 657			
Angles	Circle theorems	593 – 606, 816 – 820			
Length, area and volume	Area of a rectangle	554, 555			
	Volume of composite solid	582			
Pythagoras's Theorem and Trigonometry	Sine and Cosine Rules	521 – 533			

Probability

	Topics	Clip Number	R	A	G
Probability	Venn diagram	372 – 380			
	Probability from a Venn diagram	383 – 388, 391			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Box plot	434, 435, 436, 440			
Measures	Lower and upper quartiles	411			
Populations	Compare distributions	432, 433, 436, 439			
	Capture-recapture method	872, 873			

Topics for Each Paper

Paper 3 - Higher

Number

	Topics	Clip Number	R	A	G
Arithmetic	Negative number	38 – 44			
Properties	Laws of indices	102 – 110			
Approximation and estimation	Bounds	137, 138, 139			
Other	Product rule for counting	671, 672, 673			

Algebra

	Topics	Clip Number	R	A	G
Manipulation	Simplification	156 – 159, 173, 174, 175			
	Expansion of bracket	160, 161			
	Substitute values	278, 279, 780 – 789			
	Difference of two squares	165, 224, 225			
	Expansion of brackets	160 – 166			
	Change subject of a formula	280 – 287			
	Forming an expression	151, 152, 153			
	Algebraic fractions	159, 170, 172, 229			
Equations and inequalities	Set up and solve equation	188			
	Simultaneous equations linear/quadratic	190 – 195, 218, 219, 246, 259			
Graphs	Gradient of a straight line graph	201 – 204, 207, 210			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Conversions	Time	709, 710, 711			
Percentages	Percentage decrease	90, 91, 92, 97			
	Depreciation	95, 808 – 811			
	Reverse percentage	96			
Ratio	Write as a ratio	328, 329			
	1 : n form	331			
	Share in a ratio	332 – 335			
Proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
Compound Measures	Average speed	716 – 724, 876, 877			
Growth and decay	General iterative processes	322			

Geometry and measures

	Topics	Clip Number	R	A	G
Angles	Circle theorems	593 – 606, 816 – 820			
Length, area and volume	Area of a trapezium	559			
	Similar triangles	611, 612, 613			
Pythagoras's Theorem and Trigonometry	Pythagoras's Theorem	497 – 507			
	Trigonometry	508 – 515			
	Trigonometry in 3-D	854 – 863			
Vectors	Column vectors	623 – 627			

Probability

	Topics	Clip Number	R	A	G
Probability	Dependent combined events	364 – 367			

Statistics

	Topics	Clip Number	R	A	G
Diagrams	Frequency polygon	441			
	Histogram	442 – 449			

Formula Sheet

Higher

Perimeter, area and volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2} (a + b) h$$

Volume of a prism = area of cross section \times length

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

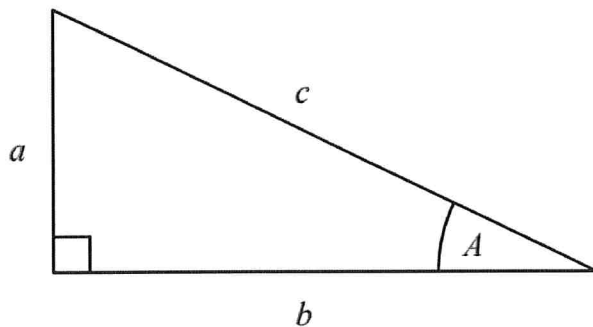
Quadratic formula

The solution of $ax^2 + bx + c = 0$

where $a \neq 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Pythagoras' Theorem and Trigonometry

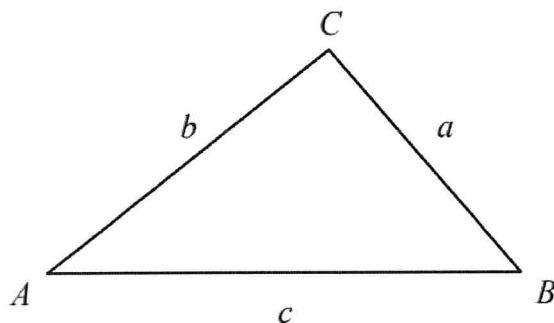


In any right-angled triangle where a , b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a , b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$



In any triangle ABC where a , b and c are the length of the sides:

$$\text{sine rule: } \frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\text{cosine rule: } a^2 = b^2 + c^2 - 2bc \cos A$$

$$\text{Area of triangle} = \frac{1}{2} ab \sin C$$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

$$\text{Total accrued} = P \left(1 + \frac{r}{100} \right)^n$$

Probability

Where $P(A)$ is the probability of outcome A and $P(B)$ is the probability of outcome B :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B) P(B)$$



Helping your child achieve their full potential in "Music GCSE"

Paper	Length	%	Date
<p>Component 1: Understanding music. What's assessed</p> <ul style="list-style-type: none"> • Listening • Contextual understanding <p>How it's assessed - Exam paper with listening exercises and written questions using excerpts of music.</p> <p>Questions</p> <ul style="list-style-type: none"> • Section A: Listening – unfamiliar music (68 marks) • Section B: Study pieces (28 marks) 	1 hour and 30 minutes	40%	22nd June 2022
<p>Component 2: Performing music</p> <p>What's assessed - Music performance</p> <p>Students will need to submit either one solo performance with a duration of at least a minute and a half, or one ensemble performance with a duration of at least two minutes.</p> <ul style="list-style-type: none"> • Performance 1: Solo performance (36 marks) • Performance 2: Ensemble performance (36 marks). 	minimum of 4 minutes	30%	7th May 2022
<p>Component 3: composing music</p> <p>What's assessed - Composition</p> <p>How it's assessed - Composition 1: Composition to a brief (36 marks) or Composition 2: Free composition (36 marks).</p>	minimum of 2 minutes	30%	7th May 2022

Topics for Each Paper

Paper 1

- The four areas of study
 1. Western classical tradition 1650–1910
 2. Popular music
 3. Traditional music
 4. Western classical tradition since 1910.
- Set works

Exam Board = AQA

Specification =

<https://www.aqa.org.uk/subjects/music/gcse/music-8271>

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade

Performing

- Students will now need to submit either one solo performance with a duration of at least a minute and a half, or one ensemble performance with a duration of at least two minutes.
- A complete, unedited recording of the live performance must be submitted with the score or lead sheet for that performance (if available).

Composition

- Students will now need to compose one piece of music with a duration of at least two minutes.
- Compositions may be in response to a set brief or be freely composed.
- Submissions must include a complete recording of the composition with a score, lead sheet or written account produced by the student.
- Students don't have to perform their own composition.
- The recording may be computer generated.

Contact details

**Head of Subject: Mrs Emma Burlinson
eburlinson@worle-school.org.uk**



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Paper	Length	%	Date
Biology paper 1	1h15m	16.6	17/05/22
Biology paper 2	1h15m	16.6	15/06/22
Chemistry paper 1	1h15m	16.6	27/05/22
Chemistry paper 2	1h15m	16.6	20/06/22
Physics paper 1	1h15m	16.6	09/06/22
Physics paper 2	1h15m	16.6	23/06/22

Topics for Each Paper
Paper 1
Cell division Animal tissues, organs and organ systems Communicable diseases Photosynthesis RP: Light microscope RP: Food tests RP: Rate of photosynthesis The periodic table Structure and bonding Structure and bonding of carbon Reactivity of metals Reactions of acids Electrolysis RP: Soluble salts RP: Electrolysis of aqueous solution RP: Temperature changes Energy changes in a system National and global energy resources Current, potential difference and resistance Changes of state and the particle model Atoms and nuclear radiation RP: Specific heat capacity RP: I-V characteristics

Exam Board = AQA

Specification = Trilogy

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Student Expectations to Achieve Target Grade

- Complete a daily goal on Tassomai every day
- Use the science revision website
- <https://sites.google.com/worle-school.org.uk/wcsascience>
- Be present in all lessons as we are teaching the content focus for the exams
- Use the science revision guides that were purchased for all pupils
- Use the material the department has put together and placed on google classroom.

Useful Websites

www.cognitoedu.org
www.tassomai.com
www.bbc.co.uk/bitesize
www.savemyexams.co.uk
www.senecalearning.com

Contact details

Head of Subject – Mr Martin Davis
mdavis@worle-school.org.uk

Out of lesson support

Masterclasses – 15/03 + 06/04: 3pm-4:30





Helping your child achieve their full potential in Science Foundation Double

Paper	Length	%	Date
Biology paper 1	1h15m	16.6	17/05/22
Biology paper 2	1h15m	16.6	15/06/22
Chemistry paper 1	1h15m	16.6	27/05/22
Chemistry paper 2	1h15m	16.6	20/06/22
Physics paper 1	1h15m	16.6	09/06/22
Physics paper 2	1h15m	16.6	23/06/22

Exam Board = AQA

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Topics for Each Paper

Paper 2

Hormonal control in humans
 Reproduction
 Adaptations, interdependence and competition
 Organization of an ecosystem
 RP: Using quadrats to measure population
 Rate of reaction
 Reversible reactions and dynamic equilibrium
 Carbon compounds as fuels and feedstock
 Purity, formulations and chromatography
 The composition and evolution of earth's atmosphere
 Common atmospheric pollutants and their sources
 Using resources and obtaining potable water
 RP: concentration on rate of reactions
 RP: Chromatography
 Forces and their interactions
 Describing motion along a line
 Forces, acceleration and newton's laws
 Forces and braking
 Electromagnetic waves
 Permanent and induced magnetism
 The motor effect
 RP: Infrared absorption

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Paper	Length	%	Date
Biology paper 1	1h45m	16.6	17/05/22
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Physics paper 1	1h45m	16.6	09/06/22
Physics paper 2	1h45m	16.6	23/06/22

Topics for Each Paper
Paper 1
Cell structure Transport in cells Animal tissues, organs and organ systems Communicable disease Photosynthesis RP: Light microscope RP: Osmosis RP: Food tests RP: Rate of photosynthesis A simple model of atoms The periodic table Chemical bonds, ionic, covalent and metallic How bonding and structure relates to properties Bulk and surface properties of matter Reactions of acids Exothermic and endothermic reactions RP: Soluble salt RP: Titration RP: Temperature changes Energy changes in a system Conservation and dissipation of energy Current, potential difference and resistance Static electricity Changes of state and the particle model Internal energy and energy transfers Atoms and nuclear radiation RP: Thermal insulators RP: Density

Exam Board = AQA

Specification = Single

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Chemistry paper 2	1h45m	16.6	20/06/22
Physics paper 1	1h45m	16.6	09/06/22
Physics paper 2	1h45m	16.6	23/06/22

Topics for Each Paper
Paper 2
The human nervous system Hormonal control in humans Plant hormones Reproduction The development and understanding of genetics and evolution RP: Reaction times RP: Light on germination RP: Population size – Quadrats Rate of reaction Reversible reactions and dynamic equilibrium Carbon compounds as fuels and feedstock Identification of ions by chemical and spectroscopic means The composition and evolution of the earth's atmosphere Using resources and obtaining potable water Life cycle assessment and recycling The Haber process and the use of NPK fertilizers RP: Concentration and rate RP: Chromatography RP: Chemical test for ions RP: Purification of water samples Forces and their interactions Work done and energy transfer Describing motion along a line Waves in air, fluid and solids Electromagnetic waves Solar system RP: Reflection of light by different types of surface

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Masterclasses – 15/03 + 06/04: 3pm-4:30





Helping your child achieve their full potential in Science Higher Double

Paper	Length	%	Date
Biology paper 1	1h15m	16.6	17/05/22
Biology paper 2	1h15m	16.6	15/06/22
Chemistry paper 1	1h15m	16.6	27/05/22
Chemistry paper 2	1h15m	16.6	20/06/22
Physics paper 1	1h15m	16.6	09/06/22
Physics paper 2	1h15m	16.6	23/06/22

Topics for Each Paper
Paper 1
Cell division Animal tissues, organs and organ systems photosynthesis RP: Ph on amylase reaction RP: Food tests RP: Rate of photosynthesis Structure and bonding Use of amount of substance in relation to masses Reactivity of metals Reactions of acids Electrolysis Exothermic and endothermic reactions RP: Soluble salt RP: Electrolysis of aqueous RP: Temperature changes Energy changes in a system Energy transfers Changes of state and the particle model Particle model and pressure Atoms and isotopes Atoms and nuclear radiation RP: specific heat capacity RP: I-V characteristics

Exam Board = AQA

Specification = Trilogy

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Masterclasses – 15/03 + 06/04: 3pm-4:30



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Paper	Length	%	Date
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Physics paper 1	1h15m	16.6	09/06/22
Physics paper 2	1h15m	16.6	23/06/22

Topics for Each Paper
Paper 2
Hormonal control in humans Organization of an ecosystem Biodiversity and the effect of human interaction RP: Using quadrats to measure population Rate of reaction Reversible reactions and dynamic equilibrium Carbon compounds as fuels and feedstock Purity, formulations and chromatography The composition and evolution of earth's atmosphere Using resources and obtaining potable water RP: concentration on rate of reactions RP: Chromatography Forces and their interactions Describing motion along a line Forces, acceleration and newton's laws momentum Electromagnetic waves The motor effect RP: Infrared absorption

Exam Board = AQA
Specification = Trilogy

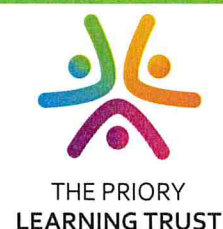
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Physics paper 1	1h45m	16.6	09/06/22
Physics paper 2	1h45m	16.6	23/06/22

Topics for Each Paper
Paper 1
Cell structure Transport in cells Animal tissues, organs and organ systems Plant tissues, organs and organ systems Communicable disease Monoclonal antibodies RP: Light microscope RP: Osmosis RP: Food tests The periodic table Chemical bonds, ionic, covalent and metallic How bonding and structure relates to properties Structure and bonding of carbon Use of amount of substance in relation to masses Reactivity of metals Reactions of acids electrolysis Exothermic and endothermic reactions RP: Soluble salt RP: Titration RP: Temperature changes Energy changes in a system Conservation and dissipation of energy Energy transfers Changes of state and the particle model Internal energy and energy transfers RP: Thermal insulators RP: Density

Exam Board = AQA

Specification = Single

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Physics paper 2	1h45m	16.6	23/06/22

Topics for Each Paper
Paper 2
The human nervous system Hormonal control in humans Plant hormones Reproduction Organization of an ecosystem RP: Light on germination RP: Population size – Quadrats Rate of reaction Reversible reactions and dynamic equilibrium Carbon compounds as fuels and feedstock The composition and evolution of the earth's atmosphere Using resources and obtaining potable water The Haber process and the use of NPK fertilizers RP: Concentration and rate RP: Chemical test for ions Forces and their interactions Work done and energy transfer Forces and elasticity Pressure in fluids Describing motion along a line momentum Waves in air, fluid and solids Electromagnetic waves Solar system Red shift RP: Reflection of light by different types of surface

Exam Board = AQA

Specification = Single

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Out of lesson support

Masterclasses – 15/03 + 06/04: 3pm-4:30pm



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Paper	Length	%	Date
Listening	F = 35mins H = 45mins	25%	26 th May 2022
Speaking	F = 7-9mins H = 9-12mins	25%	5 th April 2022
Reading	F = 45mins H = 60mins	25%	26 th May 2022
Writing	F = 65mins H = 80mins	25%	17 th June 2022

Topics for ALL Papers
Listening, Speaking, Reading and Writing
Theme 1: Identity and culture. Theme 2: Local, national, international and global areas of interest. Theme 3: Current and future study and employment. *For the writing papers ONLY these topics have been taken out Foundation writing: post-16 education Higher writing: free-time activities

Exam Board = AQA
Specification = 8698

Work life balance is vital, start revision early to ensure stress is reduced and take regular breaks.

Student Expectations to Achieve Target Grade
-Revise independently at home using sets on quizlet to revise content vocabulary as well as high frequency vocabulary.
-Have a thorough knowledge of time phrases and tenses with key verbs and memorise them.
-Attend P6 sessions as often as possible.

Useful Websites
www.quizlet.com
www.memrise.com
www.bcbitesize.com
www.gcsepod.com
<https://www.aqa.org.uk/subjects/languages/gcse/spanish-8698/subject-content/vocabulary>

Contact details

Teachers – Miss Vila & Mrs Khole – mvila@worle-school.org.uk
akhole@worle-school.org.uk

Head of Department – Miss Vila – mvila@worle-school.org.uk

Out of lesson support
iCollege Thursdays 3pm
Saturday 2nd April - speaking preparation



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