

# The McAuley Catholic High School

---

## **GCSE 40 Hour**



## **Easter Challenge 2020**

## Introduction

Welcome to your 40 Hour Easter Challenge Booklet for 2018! The following tasks are ideas created for you to work through over the Easter break as an aid to your revision and as preparation to help you succeed in the forthcoming exams. To claim your prize all you have to do is show proof of your revision to your subject teachers, collect their signature along with a tally of how many hours of work you achieved. Once you reach enough signatures to reflect 40 hours you will show your evidence page to Mrs. Wooliscroft in L54 to claim your prize and a well-deserved congratulations!

**Step 1:** You have collected your Challenge Booklet, now your subject teachers will issue you with any sheets, past exam papers or revision notes/booklets etc. you may need to complete the following tasks. In some cases there are no extra sheets as the tasks are available online or don't require anything extra aside from this book.

**Step 2:** Select the subjects that apply to you and read through the suggested tasks. *You can still claim time for the hours you complete even if you don't complete the suggested tasks in this booklet, however, your subject teachers have tried to include tasks that are interesting and will help you to consider your topic materials in a different way so it is worth giving these a go.*

**Step 3:** Use the revision timetable as a way to help you organize your learning and to plan time to complete your revision tasks. **REMEMBER:** It is incredibly important that you factor time for relaxing with family and friends as well as maintain good sleep habits over the Easter break.

### A Prayer

Lord God  
Help me to meet you in prayer  
To follow You  
And walk in Your ways  
To trust in your endless love  
To reach out in faith and hope

To walk on the water with You  
To speak to others in joy  
To bear witness to your love in our everyday life  
To be the face of Christ to every child we teach and meet  
We ask this through Christ our Lord

Amen



## MY WEEKLY TIMETABLE

Week beginning:

<b>Time</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>
9:00-10:00							
10:00-11:00							
11:00-12:00							
12:00-1:00							
1:00-2:00							
2:00-3:00							
3:00-4:00							
4:00-5:00							
5:00-6:00							
6:00-7:00							
7:00-8:00							
8:00-9:00							
9:00-10:00							
10:00-11:00							

## MY WEEKLY TIMETABLE



Week beginning:

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9:00-10:00							
10:00-11:00							
11:00-12:00							
12:00-1:00							
1:00-2:00							
2:00-3:00							
3:00-4:00							
4:00-5:00							
5:00-6:00							
6:00-7:00							
7:00-8:00							
8:00-9:00							
9:00-10:00							
10:00-11:00							

# Contents

Religious Studies p6

English Language p7-8

English Literature p9-10

Maths p11

Sciences p12-17

Art & Design p18

Business Studies p19

Drama p20

Food Preparation and Nutrition21

Geography p22

History p23

MFL p24

Music p25

PE p26

Photography p27

Psychology p28

Design & Technology p29-30

The small print p31

Signatures p32

# RELIGIOUS STUDIES

Expected Learning Time: 3 hours | EDUQAS ROUTE B |

## Paper Breakdown

**PAPER 1:** Foundational Catholic Theology

**PAPER 2:** Applied Catholic Theology

**PAPER 3:** Judaism



### Paper 1

1. Origins & Meaning
2. Good & Evil

### Paper 2

1. Life & Death
2. Sin & Forgiveness

### Paper 3

1. Judaism, Beliefs & Teachings

COMPLETED TASKS  
SHOWN TO CLASS  
TEACHER

### Easter Challenge

- You will be given a set of practice exam questions to complete over the Easter Holidays
- You will need to hand in the completed questions to your RE teacher for marking, this must be on your first lesson back after the holidays

# ENGLISH LANGUAGE

Expected Learning Time: Minimum 3 hours | AQA | English Language

## Easter Challenge









Paper 1: Explorations in Creative Reading and Writing	+	Paper 2: Writers' Viewpoints and Perspectives
<b>What's assessed</b> <b>Section A: Reading</b> <ul style="list-style-type: none"> <li>one literature fiction text</li> </ul> <b>Section B: Writing</b> <ul style="list-style-type: none"> <li>descriptive or narrative writing</li> </ul>		<b>What's assessed</b> <b>Section A: Reading</b> <ul style="list-style-type: none"> <li>one non-fiction text and one literary non-fiction text</li> </ul> <b>Section B: Writing</b> <ul style="list-style-type: none"> <li>writing to present a viewpoint</li> </ul>
<b>Assessed</b> <ul style="list-style-type: none"> <li>written exam: 1 hour 45 minutes</li> <li>80 marks</li> <li>50 % of GCSE</li> </ul>		<b>Assessed</b> <ul style="list-style-type: none"> <li>written exam: 1 hour 45 minutes</li> <li>80 marks</li> <li>50 % of GCSE</li> </ul>

- Watch the videos.
- Use the revision papers provided by your teacher to practice your responses.
- Use Padlet links via school email to access revision resources.



Focus	Time	Link	QR
Paper 1, Q1	10 min	<a href="https://www.youtube.com/watch?v=Ch-XgnluOf4&amp;index=1&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=Ch-XgnluOf4&amp;index=1&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 1, Q2	17 min	<a href="https://www.youtube.com/watch?v=h0gDzLhfxRI&amp;t=8s&amp;index=2&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=h0gDzLhfxRI&amp;t=8s&amp;index=2&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 1, Q3	16 min	<a href="https://www.youtube.com/watch?v=TsNblz2zqg&amp;t=7s&amp;index=4&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=TsNblz2zqg&amp;t=7s&amp;index=4&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 1, Q4	11 min	<a href="https://www.youtube.com/watch?v=GeLS4hgflzY&amp;t=22s&amp;index=6&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=GeLS4hgflzY&amp;t=22s&amp;index=6&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	



Paper 1, Q5 Descriptive	10 min	<a href="https://www.youtube.com/watch?v=iaEJ-HVpl9g&amp;index=9&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=iaEJ-HVpl9g&amp;index=9&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 1, Q5 Narrative	6 min	<a href="https://www.youtube.com/watch?v=SfBYZZD_UzU">https://www.youtube.com/watch?v=SfBYZZD_UzU</a>	
Focus	Time	Link	QR
Paper 2, Q1	10 min	<a href="https://www.youtube.com/watch?v=wtgpdXbSUPQ&amp;index=12&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=wtgpdXbSUPQ&amp;index=12&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 2, Q2	11 min	<a href="https://www.youtube.com/watch?v=wJf5MGLiQ&amp;index=14&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=wJf5MGLiQ&amp;index=14&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 2, Q3	24 min	<a href="https://www.youtube.com/watch?v=bLKDSbEihmU&amp;index=16&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=bLKDSbEihmU&amp;index=16&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 2, Q4	9 min	<a href="https://www.youtube.com/watch?v=x3SKL3POjNY&amp;index=17&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=x3SKL3POjNY&amp;index=17&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 2, Q5 Part 1	11 min	<a href="https://www.youtube.com/watch?v=8bhpgRzrs64&amp;index=18&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN">https://www.youtube.com/watch?v=8bhpgRzrs64&amp;index=18&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN</a>	
Paper 2, Q5 Part 2	9 min	<a href="https://www.youtube.com/watch?v=aFVO7j_hV28&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN&amp;index=19">https://www.youtube.com/watch?v=aFVO7j_hV28&amp;list=PLqGFsWf-P-cAltmXkEvJXCxqT-ZzFqAN&amp;index=19</a>	

# ENGLISH LITERATURE


Expected Learning Time: Minimum 4 hours | AQA | English Literature

Paper 1: Shakespeare and the 19th-century novel	+	Paper 2: Modern texts and poetry
<b>What's assessed</b> <ul style="list-style-type: none"> <li>• <a href="#">Shakespeare</a></li> <li>• <a href="#">The 19th-century novel</a></li> </ul>		<b>What's assessed</b> <ul style="list-style-type: none"> <li>• <a href="#">Modern texts</a></li> <li>• <a href="#">Poetry</a></li> <li>• <a href="#">Unseen poetry</a></li> </ul>
<b>How it's assessed</b> <ul style="list-style-type: none"> <li>• written exam: 1 hour 45 minutes</li> <li>• 64 marks</li> <li>• 40% of GCSE</li> </ul>		<b>How it's assessed</b> <ul style="list-style-type: none"> <li>• written exam: 2 hour 15 minutes</li> <li>• 96 marks</li> <li>• 60% of GCSE</li> </ul>

## Easter Challenge

Use the revision booklet to consolidate your understanding of the papers.

1. Re-read sections of the texts that you cannot recall clearly.
2. Watch the video links.
3. Test yourself using the questions provided by your teachers.

Focus	Time	Link	QR
Paper 1 Section A: Shakespeare (1 of 2)	13 min	<a href="https://www.youtube.com/watch?v=BWoR3gMLVvw&amp;index=4&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN">https://www.youtube.com/watch?v=BWoR3gMLVvw&amp;index=4&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN</a>	
Paper 1 Section A: Shakespeare (2 of 2)	10 min	<a href="https://www.youtube.com/watch?v=yHmCg4PaHIs&amp;index=5&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN">https://www.youtube.com/watch?v=yHmCg4PaHIs&amp;index=5&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN</a>	
Romeo and Juliet		<a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cB7YAoARj6iAFCqIAfy9aN2">https://www.youtube.com/playlist?list=PLqGFsWf-P-cB7YAoARj6iAFCqIAfy9aN2</a>	

Paper 1 Section B: 19th Century Novel	15 min	<a href="https://www.youtube.com/watch?v=1OhY6RJoo0k&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=7">https://www.youtube.com/watch?v=1OhY6RJoo0k&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=7</a>	
A Christmas Carol		<a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cBhNFIdX59nQmTodoDmDQsh">https://www.youtube.com/playlist?list=PLqGFsWf-P-cBhNFIdX59nQmTodoDmDQsh</a>	
Focus	Time	Link	QR
Paper 2 Section A: Modern Drama	17 min	<a href="https://www.youtube.com/watch?v=6dMvzBXbIpE&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=8">https://www.youtube.com/watch?v=6dMvzBXbIpE&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=8</a>	
An Inspector Call		<a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cDvuiSH8SycEDh1Ugke9tmb">https://www.youtube.com/playlist?list=PLqGFsWf-P-cDvuiSH8SycEDh1Ugke9tmb</a>	
Paper 2 Section B: Anthology Poetry	19 min	<a href="https://www.youtube.com/watch?v=d7Mo57vc104&amp;t=435s&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=9">https://www.youtube.com/watch?v=d7Mo57vc104&amp;t=435s&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=9</a>	
Love and Relationships		<a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cCXUGVdIZbMcTEOTO5H7Xho">https://www.youtube.com/playlist?list=PLqGFsWf-P-cCXUGVdIZbMcTEOTO5H7Xho</a>	
Paper 2 Section C: Unseen Poetry Part 1	13 min	<a href="https://www.youtube.com/watch?v=ODEYFSx18dA&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=10">https://www.youtube.com/watch?v=ODEYFSx18dA&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=10</a>	
Paper 2 Section C: Unseen Poetry Part 2	7 min	<a href="https://www.youtube.com/watch?v=PwJT-NNpi5Y&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=11">https://www.youtube.com/watch?v=PwJT-NNpi5Y&amp;list=PLqGFsWf-P-cAYhYd5VdGjJvf7zLDCq3uN&amp;index=11</a>	

# MATHS

---

Expected Learning Time: 5 hours | AQA Linear| GCSE 8300 Maths

---

## Useful Websites

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

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



## Easter Challenge

**Tasks: Remember, the best way to learn Maths is to do Maths!**

- Complete any outstanding hegarty Maths tasks your teacher has set
- Complete the three 1 ½ hour zig-zag practice papers which you have been given
- Learn the Key formulas from your formula sheet

**Follow up task after Easter:**

- Worked solutions, Marking, and Analysis of the above exam papers in class

**These will be checked as evidence that you have completed the above.**

**COMPLETED  
WORKBOOK &  
PRACTICE  
PAPER**

# GCSE BIOLOGY

## Separate Sciences

Expected Learning Time: 6 hours | AQA GCSE Biology 8461

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Biology course! Check the specification on the website <https://www.aqa.org.uk/subjects/science/gcse/biology-8461> click on the download button for the specification and highlight the Biology content: pages 17-77.



2. Complete at least two areas from the following sections:

1. Cell Biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance
7. Ecology

3. Login in to the Kerboodle website to access Biology lessons, resources, assessments and the digital text book.

[www.kerboodle.com](http://www.kerboodle.com) Please use first initial and surname for username and password. Example: Username: jsmith  
Password: jsmith Institution code: zv6.

Complete two sections from Y9.

4. Go on to you the bbc bitesize website for Biology:

<https://www.bbc.com/bitesize/examspecs/zpgcbk7>

Click on the learner guides and class clips to help you revise the GCSE Biology content.

#### EXAM DATES:

Biology Paper 1 (1 hour 45 minutes) Tuesday 14<sup>th</sup> May 2019 p.m.

Biology Paper 2 (1 hour 45 minutes) Friday 7<sup>th</sup> June 2019 p.m.



# GCSE Combined Science

## Biology (Trilogy)

---

Expected Learning Time: 6 hours | AQA GCSE Comb Science 8464

---

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Biology course! Check the specification on the website [www.aqa.org.uk/8464](http://www.aqa.org.uk/8464) click on the download button for the specification and highlight the Biology content: pages 18-62.



2. Complete revision for at least two areas following sections:

1. Cell Biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance
7. Ecology

3. Login in to the Kerboodle website to access Biology lessons, resources, assessments and the digital text book.

[www.kerboodle.com](http://www.kerboodle.com) Please use first initial and surname for username and password. Example: Username: jsmith

Password: jsmith Institution code: zv6.

Complete two sections from Y9.

4. Go on to you the bbc bitesize website for Biology:

<https://www.bbc.com/bitesize/examspecs/z8r997h>

Click on the learner guides and class clips to help you revise the GCSE Biology content.

#### EXAM DATES:

Biology Paper 1 (1 hour 15 minutes) Tuesday 14<sup>th</sup> May 2019 p.m.

Biology Paper 2 (1 hour 15 minutes) Friday 7<sup>th</sup> June 2019 p.m.



# GCSE CHEMISTRY

## Separate Sciences

---

Expected Learning Time: 6 hours | AQA GCSE Chemistry 8462

---

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Chemistry course! Check the specification on the website [www.aqa.org.uk/86412](http://www.aqa.org.uk/86412) pages 15-83.



2. Complete at least two sections of exam questions that have been emailed by your teacher from the following sections:

- 4.1 Atomic structure and the periodic table
- 4.2 Bonding, structure, and the properties of matter
- 4.3 Quantitative chemistry
- 4.4 Chemical changes
- 4.5 Energy changes
- 4.6 The rate and extent of chemical change
- 4.7 Organic chemistry
- 4.8 Chemical analysis
- 4.9 Chemistry of the atmosphere
- 4.10 Using resources

3. Complete sections of the Senecalearning website [www.senecalearning.com](http://www.senecalearning.com)



4. Watch some of the free videos available here:

[https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3\\_bw](https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw)

<https://www.youtube.com/channel/UCBgymal8AR4QIK2e0EfJwaA>

5. Go on to the bbc bitesize website for Chemistry:

<https://www.bbc.com/education/subjects/zs6hvcw>

Click on the learner guides and class clips to help you revise.

#### EXAM DATES:

Chemistry Paper 1 (1 hour 15 minutes) 16<sup>th</sup> May 2019

Chemistry Paper 2 (1 hour 15 minutes) 12<sup>th</sup> June 2019



# GCSE Combined Science

## Chemistry (Trilogy)

Expected Learning Time: 6 hours | AQA GCSE Comb Science 8464

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Chemistry course! Check the specification on the website [www.aqa.org.uk/8464](http://www.aqa.org.uk/8464) click on the download button for the specification and highlight the Chemistry content: pages 64-118.



2. Complete at least two sections of exam questions that have been emailed by your teacher from the following sections:

- 5.1 Atomic structure and the periodic table
- 5.2 Bonding, structure, and the properties of matter
- 5.3 Quantitative chemistry
- 5.4 Chemical changes
- 5.5 Energy changes
- 5.6 The rate and extent of chemical change
- 5.7 Organic chemistry
- 5.8 Chemical analysis
- 5.9 Chemistry of the atmosphere
- 5.10 Using resources

3. Complete sections of the Senecalearning website

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



4. Watch some of the free videos available here:

[https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3\\_bw](https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw)

<https://www.youtube.com/channel/UCBgymal8AR4QIK2e0EfJwaA>

5. Go on to the bbc bitesize website for Chemistry:

<https://www.bbc.com/education/subjects/zs6hvcw>



Click on the learner guides and class clips to help you revise the GCSE Chemistry content.

#### EXAM DATES:

Chemistry Paper 1 (1 hour 15 minutes) 16<sup>th</sup> May 2019

Chemistry Paper 2 (1 hour 15 minutes) 12<sup>th</sup> June 2019



# GCSE PHYSICS

## Separate Sciences

---

Expected Learning Time: 6 hours | AQA GCSE Physics 8463

---

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Physics course! Check the specification on the website [www.aqa.org.uk/8643](http://www.aqa.org.uk/8643) click on the download button for the specification and highlight the Physics content: pages 15-74.



2. Complete at least two sections of exam questions that have been emailed by your teacher from the following sections:

- 4.1 Energy
- 4.2 Electricity
- 4.3 Particle model of matter
- 4.4 Atomic structure
- 4.5 Forces
- 4.6 Waves
- 4.7 Magnetism and electromagnetism
- 4.8 Space physics
- 4.9 Key ideas

3. Log in to the Kerboodle website to access Physics lessons, resources, assessments and the digital text book.

[www.kerboodle.com](http://www.kerboodle.com) Please use first initial and surname for username and password. Example: Username: jsmith

Password: jsmith Institution code: zv6.

Complete two sections.

4. Go on to you the bbc bitesize website for Physics:

<https://www.bbc.com/education/subjects/zpm6fg8>

Click on the learner guides and class clips to help you revise the GCSE Physics content.

#### EXAM DATES:

Physics Paper 1 (1 hour 45 minutes) 22nd May 2019

Physics Paper 2 (1 hour 45 minutes) 14<sup>th</sup> June 2019



# GCSE Combined Science

## Physics (Trilogy)

---

Expected Learning Time: 6 hours | AQA GCSE Comb Science 8464

---

### Easter Challenge

1. Use your revision guide and class notes to consolidate your understanding of the GCSE Physics course! Check the specification on the website [www.aqa.org.uk/8464](http://www.aqa.org.uk/8464) click on the download button for the specification and highlight the Physics content: pages 115-156.



2. Complete at least two sections of exam questions that have been emailed by your teacher from the following sections:

- 6.1 Energy 116
- 6.2 Electricity 122
- 6.3 Particle model of matter 130
- 6.4 Atomic structure 133
- 6.5 Forces 138
- 6.6 Waves 149
- 6.7 Magnetism and electromagnetism 153
- 6.8 Key ideas 156

3. Login in to the Kerboodle website to access Physics lessons, resources, assessments and the digital text book.

[www.kerboodle.com](http://www.kerboodle.com) Please use first initial and surname for username and password. Example: Username: jsmith

Password: jsmith Institution code: zv6.

Complete two sections.

4. Go on to you the bbc bitesize website for Physics:

<https://www.bbc.com/education/subjects/zpm6fg8>

Click on the learner guides and class clips to help you revise the GCSE Physics content.

#### EXAM DATES:

Physics Paper 1 (1 hour 15 minutes) 22nd May 2019

Physics Paper 2 (1 hour 15 minutes) 14<sup>th</sup> June 2019



# ART & DESIGN

Expected Learning Time: 5 - 10 hours | AQA Specification | GCSE

## GCSE Art & Design

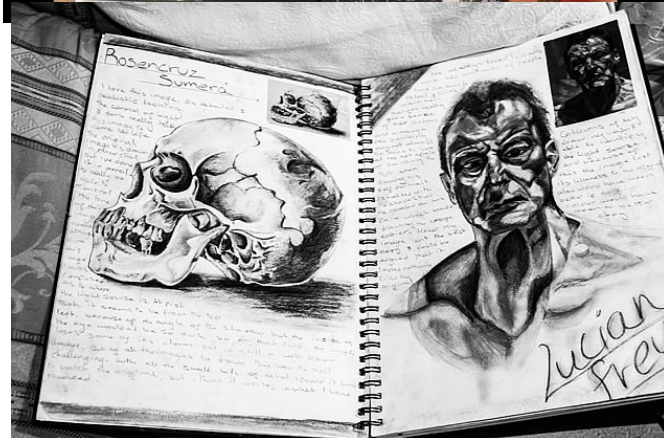
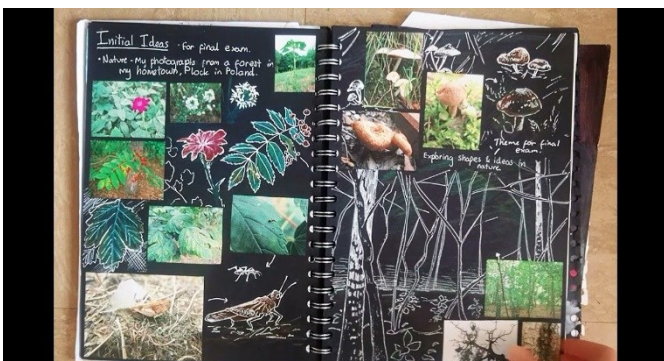
### Unit 2: Controlled Assessment

## Easter Challenge

Coursework catch-up day Monday 15<sup>th</sup> April

Controlled Assessment (Exam) Preparation:

- 1) Ensure that all work to date is complete
- 2) Continue with your development pieces
- 3) Draw in your small sketchbook or on paper, relating to your ideas
- 4) Take a creative set of photographs or videos to use for development work



ARTIST LINKS & ANNOTATION COMPLETE

---

# BUSINESS STUDIES

---

Expected Learning Time: 4 hours | AQA Specification | Paper 1 and Paper 2

---

## GCSE Business Studies

**Paper 1: Influences of operations and HRM on business activity**

**Paper 2: Influences of marketing and finance on business activity**

All the documents required for the different tasks will be given to pupils by their class teacher and they are available on google drive shared folder.



## Easter Challenge

- Task 1: Complete a minimum of 4 mind maps from Google drive-hard copies will also be given .
- Task 2: Complete a minimum of one past paper for paper 1 and one past paper for paper 2. A booklet of past papers has been given to you by your class teacher.

**Extension:** To revise keywords for each topic, they are all available on the shared google drive area.

**Extension:** To complete extra revision mind maps and past papers, your teacher will give you them and they are available on the google drive shared revision folder. Start with the topics that you do not want to come up on the exam paper and end with your favorite topics.

**EXAM PAPER'S  
COMPLETED &  
MINDMAPS  
COMPLETED**

# DRAMA

Expected Learning Time: 4 hours | AQA Specification | Component 1

## GCSE Drama

### Component 1: Written examination

## Easter Challenge

You will need:

1. The DVD of the performance you are going to write about
2. The Live Theatre textbook section
3. The Easter Homework Booklet

Complete all activities in the Easter Homework Booklet

Extension: Ask for the example question booklet and attempt to answer some examination questions. If you complete an entire set of questions this will count as another 2 hours.

Alternatively, you can attend the Easter revision session – please ask your teacher for more details.

**SUBMIT  
HOMEWORK  
BOOKLET**



# GCSE Food Preparation and Nutrition

Expected Learning Time: 5 hours | Eduqas Food Preparation and Nutrition

## Paper breakdown

1 hour 45 minutes

100 marks

50% of qualification

You will be assessed on all six areas of content listed below:

- Food commodities
- Principles of nutrition
- Diet and good health
- The science of food
- Where food comes from
- Cooking and food preparation

## Easter challenge

You will need to pick up a 'topic on a page' booklet that has been put together for you. It consists of blank copies from each topic, and copies with answers on to help you with your revision.

There are two Easter catch up sessions for **coursework** running: Wed 23<sup>rd</sup> April and Tues 23<sup>rd</sup> April 10am-3pm.

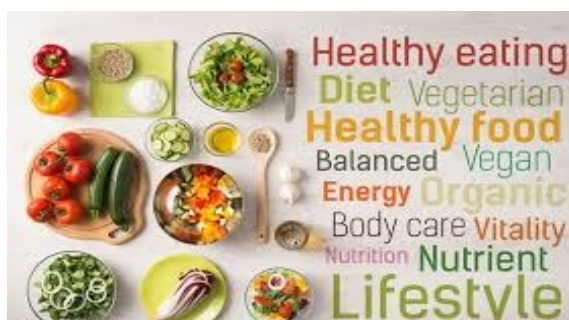
Seneca learning – Online revision tool

There is a useful online revision website specifically designed for the food preparation and nutrition GCSE you are studying. The link is

<https://www.senecalearning.com/blog/gcse-food-preparation-nutrition-revision/>

You can go through each section of the course or you can select the topics you need to revise more thoroughly on.

**MARKED COPY  
SHOWN TO  
TEACHER**



# GEOGRAPHY

Expected Learning Time: 6 hours | AQA GCSE Geography

## Paper Breakdown

**PAPER 1: Living with the physical environment:** Natural hazards, Living world, Physical Landscapes in the UK; Coasts, Rivers

**PAPER 2: Challenges in the human environment:** Urban Issues and Challenges, Changing Economic world, The Challenge of Resource Management; Energy.

**PAPER 3: Geographical Applications:** Issue evaluation, Fieldwork

## General Revision & useful websites

Your exercise books

McAuley Geography website

<http://tinyurl.com/mcauleygeography>

password: mcauleygeog2018

Educake

Sample questions on fieldwork completed

9 mark question plan for at least 6 questions (one in each topic)

Show links to 3 youtube videos and 3 website based on the pre – release booklet

## Easter Challenge

### Tasks to be undertaken over Easter:

- Use the Educake website to set yourself 20 questions from each topic from Paper 1 and Paper 2. If you have lost your log in details please email your class teacher or Mrs Crossan.
- Attempt the sample questions on fieldwork that we will give you. This particularly focuses on 'fieldwork in an unfamiliar context'. You will be given a copy by your teacher.
- Use the practice 9 marker sheet given by your class teacher to make a plan for at least 1 question from each topic.
- The pre-release will just have been launched in class. Read this through, make notes on it and research the topic. Bring links to 3 youtube videos and 3 websites.



---

# HISTORY

---

Expected Learning Time: 3 hours | Edexcel History B | 2HB01

---

## Easter Challenge

### Exam Paper structure:

**Paper 1:** Medicine in Britain 1250 to the present and the British sector of the western front; injuries, treatment and the trenches

**Paper 2:** Superpower Relations and the Cold War 1941-1991 and Early Elizabethan England 1558-1588

**Paper 3:** The USA 1954-1975:  
Conflict at Home and Abroad



### Choose to complete any of the following tasks:

- a) Access Teams to find and complete revision materials.
- b) Watch and summarize podcasts on Teams.
- c) Create a timeline for each of the topics that we have studied, showing all the major events from the course.
  - i) Medicine Through Time 1250-present
  - ii) Early Elizabethan England 1558-1588
  - iii) Superpower Relations and the Cold War 1941-1991
  - iv) USA 1954-1975 Civil Rights and Vietnam)
- d) Create a digital resource such as a Padlet or Popplet on the areas of the course
- e) Make your own knowledge organizer for topics in the course.
- f) Complete revision tasks from Seneca learning:  
<https://www.senecalearning.com/>



Completed  
materials shown  
to Teacher



---

# FRENCH & SPANISH

---

Expected Learning Time: 4 hours | AQA Specification | GCSE

---

-----

## GCSE languages

- French
  - Spanish
- 



## Easter Challenge: Paper 2 Speaking/Paper 4 Writing

There are two parts to this task, both of which will be checked by your teacher upon your return after Easter:

- You need to make sure that you have completed each of the booklets that cover the three main themes that you will be tested on in the upcoming speaking exam: ‘Identity and culture’, ‘Local, national, international and global areas of interest’ and ‘Current and future study and employment’. Once you have completed the booklets you then need to learn by heart your answers to the questions in at least one of the sub-themes contained within each of the three main themes (e.g. ‘Technology in everyday life’ as part of ‘Identity and culture’).
- You can also work your way through the Year 11 intervention writing sessions booklet, practicing spelling in the section marked ‘Links’ using the Look, Say, Cover, Write, Check method and adapting the model answers towards the end of the booklet to create your own answers to examples of some of the common writing questions that are likely to feature in the final exam.

**SPEAKING TEST  
BOOKLETS  
COMPLETED**

# MUSIC

Expected Learning Time: 3 hours | Eduqas Specification | Unit 2 and 3 Preparation

## Paper Breakdown

**UNIT 3: Listening and  
Appraising Exam  
Preparation**



## Easter Challenge

Complete the following tasks:

1. Complete the 'Since You've Been Gone' Lesson and test on Focus on sound plus at least 3 other areas under the Eduqas section (suggested time 1 hour)
2. Complete the composition log on Moodle as directed by your teacher. You will need to take your paper copy of your composition with you to allow you to complete this task. To be uploaded to Moodle in time for first lesson back. ( suggested time 1 hour)
3. Revise the annotated score for 'Eine Kleine Nachtmusik' (45 minutes) and successfully complete the distributed paper copy of the sample question ( 15 minutes) also available on Moodle) To be handed in first lesson back. ( suggested total time 1 hour)

**BOOKLET  
COMPLETED**

# GCSE Physical Education

Expected Learning Time: 5 hours | AQA GCSE Physical Education

## GCSE PE FULL COURSE

- **Paper 1** - The Human body and movement in physical activity and sport.
- **Paper 2** - Socio-cultural influences and well-being in physical activity and sport.
- **Practical performance** - Performance in 3 sports/activities.

## Easter Challenge

- **Paper 1** – Complete 6 A3 revision sheets  
OR  
Create 6 AO1, 4 AO2 and 3 A03 questions and mark schemes.  
Topic(s) of your choice.  
Revision sheets need to be requested from class teacher prior to your last lesson before Easter.
- **Paper 2** – Complete 6 A3 revision sheets  
OR  
Create 6 AO1, 4 AO2 and 3 A03 questions and mark schemes.  
Topic(s) of your choice.  
Revision sheets need to be requested from class teacher prior to your last lesson before Easter.
- **Practical performance** – Train for and/or perform (in a competitive situation) in at least 1 of the 3 sports you have been assessed in.

**Written work shown to teacher.**

**Photographic/video evidence of practical performance shown to teacher.**



# Photography

Expected Learning Time: 5 - 10 hours | AQA Specification | GCSE

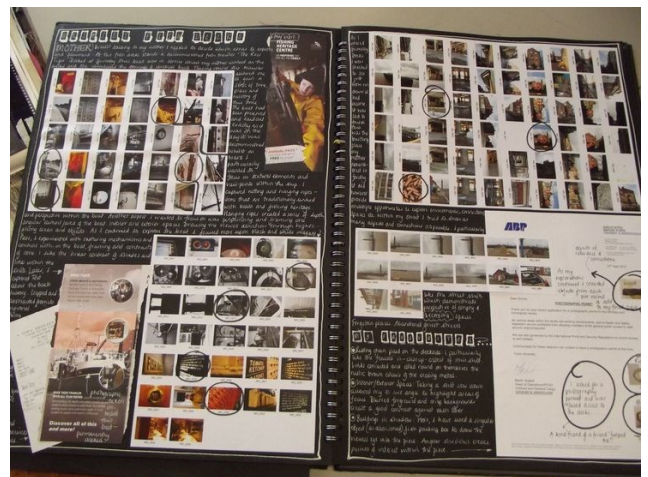
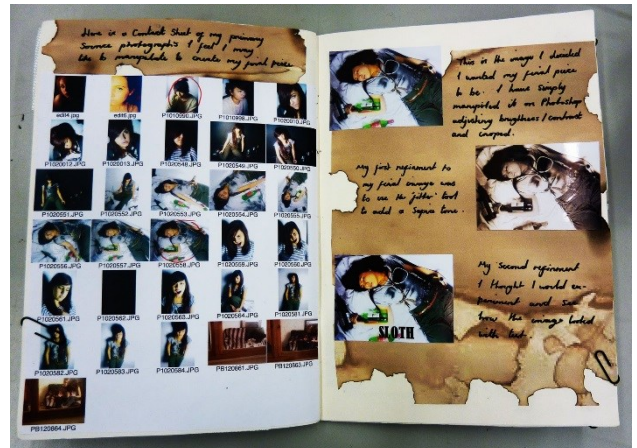
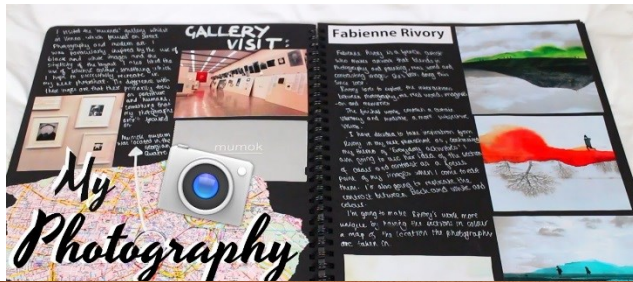
## GCSE Photography Unit 2: Controlled Assessment

## Easter Challenge

Coursework catch-up day Monday 15<sup>th</sup> April

Controlled Assessment (Exam) Preparation:

- 1) Ensure that all work to date is complete
- 2) Continue with your development pieces
- 3) Take a creative set of photographs or videos to use for development work



ARTIST  
LINKS &  
ANNOTATION  
COMPLETE

# PSYCHOLOGY

Expected Learning Time: 4 hours | AQA | GCSE Psychology

## Paper Breakdown

### UNIT 1: Cognition and behaviour

- Memory • Perception
- Development
- Research methods

### UNIT 2: Social context and behaviour

- Social influence
- Language, thought and communication
- Brain and neuropsychology
- Psychological problems  
(Plus research methods)

## General Revision & useful websites

- Your Psychology lesson workbooks
- Your cue cards / A3 sheets
- Revision websites identified on the website / your subject sheet for Psychology in your revision file
- Exam questions and mark schemes

<https://www.aqa.org.uk/subjects/psychology/gcse/psychology-8182/assessment-resources>

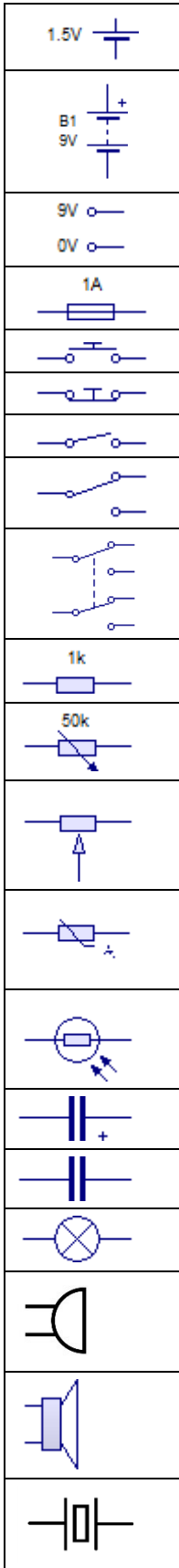
## Easter Challenge

### Tasks to be undertaken over Easter:

- You will be given a revision worksheet for each topic area on paper 1 and paper 2.
- You need to complete all 8 worksheets.
- You could do this without notes or using your class workbooks, revision cue cards / A3 sheets.
- You need to bring the worksheets to your first lesson after Easter.
- You will get the chance to peer- / self-assess them as part of the revision carousels you are doing in class.

WORKSHEETS FOR EACH TOPIC ARE COMPLETED AND ASSESSED DURING CAROUSEL ACTIVITIES

# DESIGN AND TECHNOLOGY



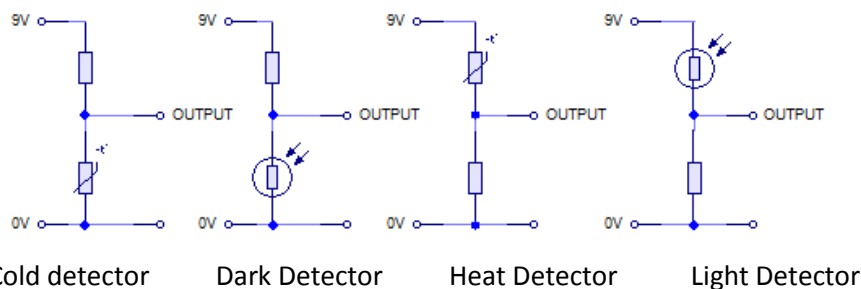
The revision guide for Electronic Products is detailed and sometimes difficult to understand but on the whole it is an excellent information source. The following table shows you where to find information on each relevant topic. Several topics go beyond that which you need to know for this exam and have therefor been left out.

Components	Page	Circuits	Page
Component Symbols	18	Darlington Pair	39
Switches	19	Thyristor Latch	40
Batteries	20		
Resistors	21-22	NE555 Monostable	49-50
Light Dependent Resistors & Thermistors	26	NE555 Astable	51-52
Capacitors	28-29	Logic Gates	58-61
Diodes & Light Emitting Diodes	30-31	4017 decade counter	62
Transistors	36-37	4026 counter & 7 segment driver	63
Field Effect Transistors	39	PIC microcontrollers	68
Relays & Solenoids	41	Calculations	23-27, 29,31
Motors	43	Power Supplies	69
Buzzers, Piezos & Loudspeaker	45	PIC Programming	71-72
NE555	49	Infra-Red receiver	82

**RESISTORS.** A common question on the exam paper is about resistors, usually calculating their value from the colour code or vice versa. Make sure you can use the colour code table shown below, it will be on page 3 of the exam paper.

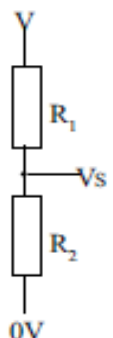
Colour	Band 1	Band 2	Band 3 (No. of 0s)	Band 4 (Tolerance)
Black	0	0	None	
Brown	1	1	0	
Red	2	2	00	
Orange	3	3	000	
Yellow	4	4	0000	
Green	5	5	00000	
Blue	6	6	000000	
Violet	7	7	-	
Grey	8	8	-	
White	9	9	-	
				Gold = 5%
				Silver = 10%

**SENSORS.** Make sure you can draw the circuit diagram for detecting light, dark, heat and cold as shown below.



Cell
Battery
Voltage Rails
Fuse
Push To Make Switch
Push To Break Switch
Single Pole Single Throw Switch
Single Pole Double Throw
Double Pole Double Throw Switch
Resistor
Variable Resistor
Potentiometer
Thermistor
Light Dependent Resistor
Electrolytic Capacitor (polarised)
Capacitor (non-polarised)
Lamp
Buzzer
Loudspeaker
Piezo

**Formula Bank** More often than not the exam paper will have the formula included in the question. Make sure you can use all the formula shown below.

Potential Difference	Potential Difference = Current × Resistance	(V = I × R)
Series Resistors	$R_{total} = R_1 + R_2 + R_3 \text{ etc}$	
Parallel Resistors	$\frac{1}{R_{total}} = \frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3}$	
Electrical Power	Electrical Power = Current × Potential Difference	(P = I × V)
Potential Divider	 $V_s = \frac{R_2}{R_1 + R_2} \times V$ <p>where <math>V_s</math> = signal value  <math>V</math> = supply voltage  <math>R_1</math> and <math>R_2</math> are resistance values</p>	
Inverting Op-Amps	Gain = $\frac{-R_f}{R_{in}}$	Where $R_f$ = feedback resistor value $R_{in}$ = input resistor value
Time Constant	Time Constant = Resistance × Capacitance	(T = R × C)
Astable Frequency for 555	$f = \frac{1.44}{(R_1 + 2R_2) \times C}$	
Pulse duration	$= \frac{1}{\text{frequency}}$	
Time High	$T_h = 0.693 \times (R_1 + R_2) \times C$	
Time Low	$T_l = 0.693 \times R_2 \times C$	
Mark Space Ratio	$= \frac{T_h}{T_l}$	

N.B you get a mark for each of the following even if your answer is incorrect!

- Copy the correct formula from page 2 and write it into the answer space
- Copy the correct values from the circuit into the formula from page 2
- Convert unit multiples into unit values (e.g. from 4k7 to 4700)
- Write the correct units after the calculated answer (e.g. V for volts,  $\Omega$  for ohms).

**Core**

- Regardless of which material you are working in for your major project all students need a good understanding of the foundations included in the essentials revision guide.
- Read through the information contained in the guide and answer the practice questions.

# 40 HOUR CHALLENGE GET REWARDED

---

Get school to pay for your prom ticket or hoody!

---

Completing tasks in the 40 Hour Learning Challenge will pay off in the grades that you receive in the summer! Simply ask your subject teacher to sign and date when the work has been completed on the grid at the back.

**The deadline for task completion and presenting the signed off document is May 10, 2019 to Mrs Wooliscroft in L54.**

## The Prize

When you complete 40 hours of revision over the Easter break you will be able to choose between a free prom ticket or a Leaver's Hoody! It is up to you to show your evidence to your subject teachers, collect your signatures and claim your prize from Mrs. Wooliscroft in L54 by the date above.



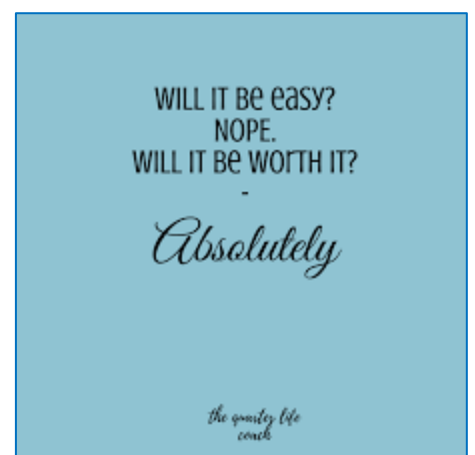
There is **NO**  
elevator to  
**SUCCESS.**

You have  
to take the  
**STAIRS.**

**NOTES**

# NOTES

SUBJECT	NUMBER OF HOURS	TEACHER'S SIGNATURE
RE		
English/ English Language		
English Literature		
Maths		
Science		
Option One		
Option Two		
Option Three		
Option Four		
TOTAL		



**And for  
what it's  
worth, I  
think you're  
amazing.**

---

