

# Cardinal Newman Catholic School

Holy Cross Catholic Multi Academy Company

## Year 10 into Year 11 Summer Homework

MADE FOR GREATNESS



## Baseline Assessment Preparation Booklet

Name:



CARDINAL  
NEWMAN  
CATHOLIC SCHOOL

“Knowledge through the light of faith”

# Homework Booklet Introduction

Dear Parents/Carers and students

Re: Baseline Assessments

In September, students will be sitting baseline assessments in all their subjects. These assessments will be used by teachers to identify strengths and any areas where more support may be needed as they begin Year 11. The assessments will also support the students in embedding and reviewing the learning that has taken place during Year 10.

Students will not be graded on these assessments, instead they will receive a report which details their percentage outcomes for each subject alongside the average percentage outcome of each subject.

Departments have prepared structured homework for over the holidays which will support students with their forthcoming baseline assessments in September 2022.

This booklet will support students in completing their summer homework by :

- Outlining key content to revise ahead of their baseline assessments
- Signposting to revision tools and materials
- Offering extension and challenge activities

Please use this booklet as an overview to complete the homework in preparation for the September assessments. Keep it safe as it will be a useful tool to review at the start of the new term in 2022.

Deadlines for tasks will be set as usual via Class Charts, please do check student and parent accounts to keep on top of the homework set. If you need any support in accessing Class charts, please do contact your Head of Year. We can reissue log in details at any time for students via school email accounts.

If you need any further support, guidance or information please do not hesitate in contacting us. We would also like to take this opportunity to thank you for your continued support and we wish you a very happy Summer holiday.

Yours faithfully

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Headteacher  
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# Timetable

## Baseline Assessments

When informed, please make a note of your assessment schedule below:

Date	Period	Assessment	Topic



# Homework Booklet Contents

<b>Maths</b>	<b>5 – 6</b>
<b>Religious Education</b>	<b>7 – 8</b>
<b>Geography</b>	<b>9 – 10</b>
<b>History</b>	<b>11 – 12</b>
<b>French</b>	<b>13 – 14</b>
<b>Spanish</b>	<b>15 – 16</b>
<b>Music</b>	<b>17</b>
<b>Drama</b>	<b>18 – 19</b>
<b>Computer Science</b>	<b>20 – 21</b>
<b>Business</b>	<b>22 – 23</b>
<b>Art</b>	<b>24</b>
<b>Photography</b>	<b>25</b>
<b>D&amp;T: Food and Nutrition</b>	<b>26 – 27</b>
<b>D&amp;T: Paper &amp; Boards</b>	<b>28 – 29</b>
<b>Media Studies</b>	<b>30 – 31</b>
<b>GCSE PE</b>	<b>32 – 34</b>

# Maths

## Assessment Information – 10b3 10b4 10a3 10a4

Topic	RAG
Linear equations & inequalities	
Algebra skills – Factorise, expand & simplify	
Area & perimeter – Quadrilaterals and circles	
Volume & Surface Area	
Ratio	
Formulae - Substitution	
Standard form	
Rounding, estimating & bounds	
Percentages	
Vectors	



Calculator allowed

## Assessment Information – 10a1 10b1 10a2a 10a2b 10b2a 10b2b

Topic	RAG
Linear equations & inequalities	
Algebra skills – Factorise, expand & simplify	
Area & perimeter – Quadrilaterals and circles	
Volume & Surface Area	
Factorise Quadratic expressions	
Solve quadratic equations	
Direct & Inverse proportion	
Simultaneous Equations	
Percentages	
Trigonometry and Pythagoras theorem	



Calculator allowed

## Structured Revision Tasks

Complete the booklet of summer revision questions.

Use Hegarty Maths to search up any topics you need to revise.

## What revision material should I use?

You should revise using:

- The Hegarty Maths Search bar
- Complete an online practice paper on onmaths.com
- Use the notes from your exercise book this year.
- Use the pitstop questions that you have done, these will be similar to the actual questions in the assessment.
- Make revision notes or flash cards on each topic.



## Challenge/Extension task:

1. Complete revision cards for each topic on the list.

## Additional Resources:

The BBC Bitesize logo consists of the letters 'BBC' in white inside three orange squares, followed by the word 'Bitesize' in a large, white, sans-serif font, all set against an orange background.

**BBC**  
**Bitesize**

# Religious Education

## Which topics will be assessed?

Topic	RAG
Origins & Meanings	
Creation	
Sanctity of life	
Abortion	
Stewardship	
Social Justice	
Charities	
Artwork	
Good & Evil	
Origins of Evil	
Goodness of God	
Trinity	
Salvifici Doloris	
Jesus' moral teachings	
Statues	
Pilgrimage	
Rosary	



## Exam style Questions for this paper:

- Origins and Meanings – 1x2, 1xb, 1xc
- Good and Evil – 1xa, 1xb, 1xc, 1xd

**45 marks = 45 minutes**

## What revision material should I use?

The collage features several educational resources:

- WJEC EDUQAS GCSE RELIGIOUS STUDIES ROUTE B** (my revision notes)
- SENECA** logo
- CARDINAL NEWMAN CATHOLIC SCHOOL** logo and R.E. Department
- GOOD AND EVIL Revision** materials
- Origins and Meaning Revision** materials
- 2016** award logo
- Andrew Barron** logo
- HOBBIT** logo
- eduqas** logo

## Revision material: How can I use them effectively?

*All resources will be uploaded to Teams by your class teacher. You should use them to:*

- ✓ Complete the PLCs
- ✓ Test yourself on each topic
- ✓ Complete practice B, C & D questions
- ✓ Complete Seneca tasks
- ✓ Create flash cards/mind maps/revision notes



# Religious Education

## Structured Revision Tasks



- ☐ **PLCs** – Complete this at the start of your revision to see what you already know and then at the end to see the progress that you have made.
- ☐ **Revision guide** – Test yourself questions for each topic
- ☐ **Seneca** – Complete both topics online for more interactive revision
- ☐ **A3 mindmaps** – use the mindmap to help you with areas that you are struggling with (remember not all areas are on this assessment though)
- ☐ **Knowledge organisers** – use these to help structure your revision more clearly.
- ☐ Practice timed exam questions using the revision guide example questions for B, C and D style questions .

**Top Tip – best way to practice is having a go at timed questions.**

**Remember to aim for 'a mark - a minute'**

A D style question which is worth 15 marks should therefore take you around 15 minutes

- ☐ Don't forget to send any questions you complete to your class teacher either in person/via email for them to check and mark for you

## Challenge/Extension tasks:



B) Describe Catholic teachings on the Trinity (5)

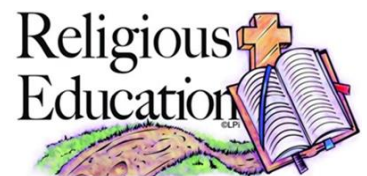
B) Describe the work of Cafod (5)

C) Explain from either Catholic Christianity and Judaism **OR** two Christian traditions, beliefs about the origins of evil (8)

D) "Suffering proves that God does not exist" Discuss

### Exam Technique:

B) 2 x PEE    C) 4 x PEE    D) 4 x PEE + conclusion





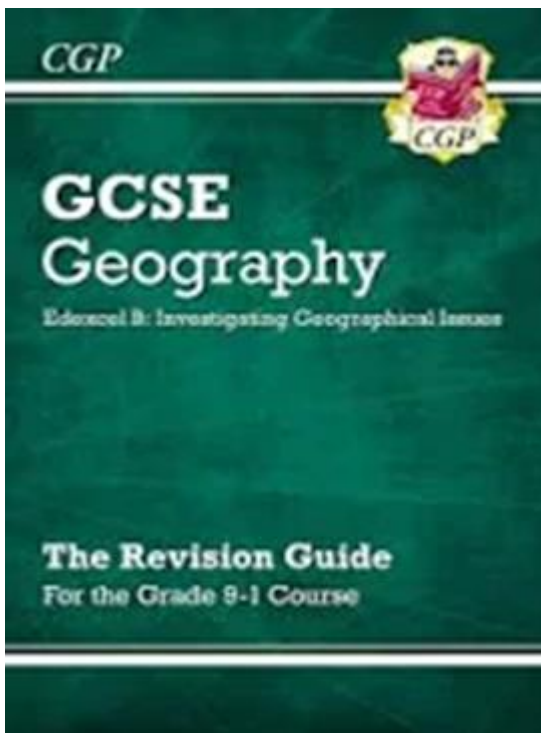
# Geography

## Which topics will be assessed?

Topic	RAG
Hazardous Earth- Climatic hazards	
Hazardous Earth – Tectonic hazards	
Development dynamics	
Urbanising World	
Evolving Human Landscape UK - Birmingham	

## What revision material should I use?

Make revision cards/mind maps/notes on your areas of weakness using the revision guide and websites listed



### Weblinks:

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

/

<https://www.bbc.com/bitesize/subjects>

<http://www.pearsonschoools.co.uk/reverse>

<https://geographycat.co.uk/>

<https://mrshumanities.com/2018/03/03/resource-how-to-reverse-in-geography/>

# Geography

## Structured Revision Tasks

- Complete the **summer term revision tasks** set on Educake
- Compete all **end of unit quizzes** multiple choice on the BBC Bitesize website
- Complete the practice exam questions **uploaded** via Classcharts to support your revision
- Quizzing- Create a mini quiz on the topic and swap with a friend .
- Mindmap – Create mind maps with clear links to the topics and exam questions.
- Flash cards- Create flash cards on each topic , particularly keywords and processes.



## Additional Resources:

Use these links to Support your knowledge on Natural climatic hazards:

<https://quizlet.com/178005250/gcse-atmospheric-circulation-flash-cards/>

<https://www.youtube.com/watch?v=h3P2suN6BIA>

:Please use this link for urbanising world:  
<https://www.bbc.co.uk/bitesize/guides/z9y47hv/revision/2>

Please use this link for development  
<https://studyrocket.co.uk/revision/gcse-geography-b-edexcel/an-urbanising-world/urbanisation>

# History

## Assessment Information

You will need to cover all aspects of the following;

- 1920s USA
- 1930s USA
- Post War USA
- 1950s USA
- 1960s USA



BBC Bitesize  
1920s Women



1920s Boom



Youtube videos  
covering all aspects

## What revision material should I use?

- ✓ **Quizzing:** create a mini text or quiz on a topic with a friend and swap
- ✓ **Example Questions:** test yourself on the skills by practicing example questions
- ✓ **Mindmaps:** A mind map is a diagram used to visually organize information. A mind map is hierarchical and shows relationships among pieces of the whole.
- ✓ **Flashcards:** to write keywords or notes on cards and test yourself on the meaning.

You should be using the knowledge organiser for the 1920's that your teacher will have provided.

# History

## Structured Revision Tasks

### THINKING QUILT: USA Post War

Using different coloured pencils, identify which key words could be used to answer the following questions:

Describe two ways life improved for women after 1950					
Explain in what ways fear of communism was evident in America in the 1950's					
Describe two examples of direct action that were used to gain Civil Rights					
Describe two people who fought for Civil Rights in the 1950's and 1960's					
Which brought about the most improvement a) Civil Rights or b) feminism					
House Un-American Activities Committee (HUAC)	New Frontier	Red Scare	Martin Luther King Junior	Great Society	Witch Hunt
Rosa Parks	Consumerism	Discrimination	Civil Rights Act	Rock and Roll	Nation of Islam
Model Cities Act	De-segregation	'I have a dream'	NAACP	Freedom Rides	John F Kennedy
Teenager	Civil Rights	Contraception	Black Power	Roe vs Wade	Containment
Birmingham, Alabama	Peace Corps	Selma	No fault divorce	Eisenhower	Medicare
Cold War	Montgomery Bus Boycott	Feminism	McCarthyism	Voting Rights Act	Linda Brown
National Organisation of Women (NOW)	Little Rock	Lyndon Baines Johnson	Alger Hiss	Sit-ins	Vietnam
American Dream	Equal Pay Act	Orville Faubus	Direct Action	Minimum Wage	James Dean
Malcolm X	Supreme Court	Elvis Presley	Jim Crow Laws		

**STRETCH/CHALLENGE:** Think of other key words/dates that could be used to answer any of the questions and add them in in the blank boxes

Create a detailed timeline to show the feminist Movement. Focus on the different groups and what they achieved. Check the knowledge organisers and basic overview sheets to help you.

# French

**Assessment Information:** you will do a writing past paper

Paper	Exam type and Length	Question	Details
Writing	Foundation paper: 60 minutes – 50 marks	1	describe a photo – write 4 short sentences - 8 marks
		2	40 words – 4 bullet points - 16 marks
		3	Translation: 5 sentences, you will use 3 tenses. 10 marks
		4	90 words – 4 bullet points – 2 CHOICES: read both, but write only one- 16 marks

**What revision material should I use?**

- ☐ The model answers for the speaking questions on the topic done in class: Travel and Tourism and school . Notice that the model answers on school are new.
- ☐ The vocabulary of the topics done up to now that you have in your book and in Class Charts.
- ☐ The rules on how to form and use the different tenses that you have a copy and you will also find it in Class Charts.

# French

## Structured Revision Tasks

For the model answers: on the topics of school (new) and Travel and Tourism (done in class recently)

- No need to learn the whole paragraph at once, but make sure is a good answer. To start with, memorise a few sentences, and then keep adding a bit more every time.
- Make cards with the answers: French in one side, and English in the other side.
- Read the answers to practise pronunciation.
- Once you have learnt the answers, ask somebody at home to test you to make sure you can say the answers from memory.
- Then write down the answers from memory (remember you will be able to use the model answers in your writing too)

For the drills:

- Do not use Google translate as the answers will be mainly wrong and it will not help you progress.
- First revise the tenses so you can be more confident when writing.
- Read the sentences and start with the easy ones.
- Remember to work from memory: do what you know and leave blanks when you are not sure.
- Use the tenses help sheet to assist you with the verbs

## Additional Resources:

- **Use the Exam board- AQA website** to download past papers to help you practise. <http://www.aqa.org.uk/subjects/languages/gcse/french-8658>
- **BBC Bitesize MFL**
- **Memrise**: to practise vocabulary, expressions and grammar. Choose the AQA spec section. [www.memrise.com/courses/english/french/](http://www.memrise.com/courses/english/french/)

# Spanish

**Assessment Information:** you will do a writing past paper

Paper	Exam type and Length	Question	Details
Writing	Foundation paper: 60 minutes – 50 marks	1	describe a photo – write 4 short sentences - 8 marks
		2	40 words – 4 bullet points - 16 marks
		3	Translation: 5 sentences, you will use 3 tenses. 10 marks
		4	90 words – 4 bullet points – 2 CHOICES: read both, but write only one- 16 marks

**What revision material should I use?**

- ☐ The model answers for the speaking questions on the topics of work and future plans and holidays- both in Class Charts. Notice that the topic of holidays is new.
- ☐ The vocabulary of the topics above that you have in your book and in Class Charts.
- ☐ The translations worksheet.
- ☐ The rules on how to form and use the different tenses that are in Class Charts.

**Other IMPORTANT resources**

- Use the Exam board- **AQA website** to download past papers to help you practise. <http://www.aqa.org.uk/subjects/languages/gcse/french-8658>
- **BBC Bitesize MFL**
- **Memrise**: to practise vocabulary, expressions and grammar. Choose the AQA spec section. [www.memrise.com/courses/english/french/](http://www.memrise.com/courses/english/french/)



## Structured Revision Tasks

For the model answers: on the topics of holidays (new) and work and future plans (done in July)

- No need to learn the whole paragraph, but make sure is a good answer. To start with, memorise a few sentences, and then keep adding a bit more every time.
- Make cards with the answers: Spanish in one side, and English in the other side.
- Read the answers to practise pronunciation.
- Once you have learnt the answers, ask somebody at home to test you to make sure you can say the answers from memory.
- Then write down the answers from memory (remember you will be able to use the model answers in your writing too)

For the translations :

- First revise the tenses so you can be more confident when writing.
- Read the sentences and start with the easy ones.
- Remember to start working from memory: do what you know and leave blanks when you are not sure.
- Once you have done without help everything you can, then use your book, vocabulary pages and a dictionary to complete the rest.

### Challenge/Extension task:

### Additional Resources:

Improve use of tenses: once you have revised the rules of the different tenses, go to **Seneca** and practice the them: presente, imperfect, future, preterito (past) and conditional.

# Music



## What will the exam be?

One question from each area of study, **all based on music that you hear**

AOS1- Musical devices	Badinerie
AOS2- Music for ensemble	Unheard listening
AOS3- Film music	Unheard listening
AOS4- Popular Music	Toto's Africa

Music	Describe:
Classical: <a href="https://www.youtube.com/watch?v=0sGqkMU-mGQ">https://www.youtube.com/watch?v=0sGqkMU-mGQ</a>	<b>Dynamics:</b> Forte, piano, pianissimo, mezzo forte, crescendo <b>Rhythm:</b> On beat, off beat, triplets, syncopated <b>Structure:</b> Binary form, ternary form, 12 bar blues <b>Melody:</b> Conjunct, disjunct, ascending, descending <b>Instruments:</b> Strings, woodwind, brass, percussion <b>Texture:</b> Homophonic, Polyphonic and Monophonic melody and accompaniment <b>Harmony:</b> Major, minor
Jazz: <a href="https://www.youtube.com/watch?v=ZxP0cf1bpTM">https://www.youtube.com/watch?v=ZxP0cf1bpTM</a>	
Musicals: <a href="https://www.youtube.com/watch?v=URWa0rbB1Kw">https://www.youtube.com/watch?v=URWa0rbB1Kw</a>	
Pop: <a href="https://www.youtube.com/watch?v=bx1Bh8ZvH84">https://www.youtube.com/watch?v=bx1Bh8ZvH84</a>	
Blues: <a href="https://www.youtube.com/watch?v=5jcGY7NbaQw">https://www.youtube.com/watch?v=5jcGY7NbaQw</a>	
Baroque: <a href="https://www.youtube.com/watch?v=rz_KFLHjquc">https://www.youtube.com/watch?v=rz_KFLHjquc</a>	

AFRICA- you need to know  
Structure  
Keys  
Tempo  
Rhythmic devices  
Features of rock music

BADINERIE- you need to know  
Key signatures  
Cadences  
Melodic movement  
Texture  
Basso continuo

What will I be tested on?  
Elements  
Key signatures  
Musical symbols  
Devices  
Set works:  
Badinerie  
Toto's Africa

### Useful websites:

#### Activities that include listening

<https://musicplayonline.com/games/>

#### BBC bitesize

<https://www.bbc.co.uk/bitesize/subjects/zpf3cdm>

#### Badinerie analysis

<https://www.youtube.com/watch?v=DNo5VB5qFf>

[w](#)

# Assessment Booklet

## Drama

### Assessment Topics

- ❖ Theatre Roles & Responsibilities
- ❖ Theatre Stages & Sets
- ❖ Theatre Design – Sound, Lighting, Set, Costume
- ❖ Performing Skills – Vocal & Physical

### What revision material should I revise from?

- PowerPoints on Teams
- Shared Forms Quizzes
- BBC Bitesize
- Printed Drama Booklet
- Drama Revision Workbook

### How can I revise?

Know the following key words and their meanings:

- ✓ Theatre Makers – Director, Actor, Choreographer, Dancer, Stage Manager, Set Designer, Marketing Manager
- ✓ Stage - Proscenium Arch, Traverse, In The Round, Thrust
- ✓ Set - Box, Naturalistic, Composite, Minimalist
- ✓ Vocal Skills – Pace, Tone, Accent, Pitch, Volume
- ✓ Physical Skills – Body Language, Facial Expressions, Gait, Posture, Gestures

# Assessment Booklet

## Drama

### Additional Revision Tasks

- ☐ How many Theatre Makers can you name and describe their role and responsibilities?
- ☐ Do you know the four main staging types and the advantages and disadvantages of use for each?
- ☐ Do you know the four main set types and the advantages and disadvantages of use for each of them?
- ☐ Can you list all that you know about Drama & Theatre Design? Use the sub-headings – Set, Costume, Sound and Lighting
- ☐ How many Performance Skills can you name? Do you know how an Actor can use them?

### Web Links

BBC Bitesize – GCSE Drama

- Understanding Drama & Theatre - <https://www.bbc.co.uk/bitesize/topics/z67rgwx>
- Performing Characters - <https://www.bbc.co.uk/bitesize/topics/zhm4cqt>
- Theatre Design - <https://www.bbc.co.uk/bitesize/topics/zn6k92p>
- Devising - <https://www.bbc.co.uk/bitesize/topics/zfhd8xs>



## Assessment Information

### J277/01: Computer systems

#### Systems architecture

- Architecture of the CPU
- CPU performance
- Embedded systems

#### 1.2 Memory and storage

- Primary storage (Memory)
- Secondary storage

#### 1.2.3 Units

- 1.2.4 Data storage
- Characters set – ASCII / extended ASCII / Unicode
- Images Representation
- Sound Representation
- Compression

#### 1.3 – Computer networks, connections and protocols

- Networks and topologies
- Wired and wireless networks, protocols and layers
- Threats to computer systems and networks
- Identifying and preventing vulnerabilities

### Keywords:

- MAR
- CPU
- MDR
- Accumulator
- Cache
- CU
- Clock speed
- Cores
- RAM
- ROM
- Virtual memory
- Secondary memory
- Primary memory
- Solid state
- LAN
- WAN
- Router
- switch
- P2P2 network
- Client – server network
- WAP
- NIC
- DNS
- STAR network topology
- MESH network
- topology
- protocols
- Ip address
- Mac address
- TCP/IP
- HTTP
- FTP
- POP
- IMAP
- Encryption
- Variables
- Constant
- Iteration
- Selection
- Sequencing
- Decomposition
- Abstraction
- Pattern recognition
- Algorithm

### J277/02: Computational thinking, algorithms and Programming

#### 2.1 – Algorithms

#### 2.2 Programming fundamentals

#### 2.3 Producing robust programs

### What revision material should I use?

**BBC**  
**Bitesize**

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



Craig'n'Dave

<https://www.youtube.com/c/craigndave>



<https://reviscs.com/scienceuk.com/>

# Computer Science

## Structured Revision Tasks

- Complete the **summer term revision tasks** set on Educake
- Compete all **end of unit quizzes** multiple choice on the BBC Bitesize website
- Complete the **past papers uploaded** via Classcharts to support your revision
- Watch **online videos on the Craig 'n' Dave channel** on Youtube <https://www.youtube.com/c/craigndave>



## Challenge/Extension task:

A single record from this database table is read into a program that uses an array with the identifier studentdata. An example of this array is shown below:

```
studentdata = ["Kirstie", "Homework forgotten", "-2", "FALSE"]
```

The array is zero based, so studentdata[0] holds the value "Kirstie".

Write an algorithm that will identify whether the data in the studentdata array shows that a letter has been sent home or not for the student. The algorithm should then output either "sent" (if a letter has been sent) or "not sent" (if a letter has not been sent)

Use pseudocode to write an algorithm that does the following :

- Inputs the title and year of a book from the user.
- Uses the librarycode function above to work out the book code.
- Permanently stores the new book code to the text file bookcodes.txt

A computer game is written in a high-level programming language.

(a) State why the computer needs to translate the code before it is executed.

..... [1]

(b) Either a compiler or an interpreter can translate the code.

Describe two differences between how a compiler and an interpreter would translate the code

Explain two advantages and 2 disadvantages to the law company of storing their data in the Cloud.

Identify two events that take place during the fetch-execute cycle.

# Business

## Assessment Information

For this base line assessment we will be focusing on Paper 2 content. This will include: Operations, Finance, Influences on business and Interdependent Nature of Business.

The exam style questions will include the following:

Multiple Choice

1 mark questions

2 mark questions

3 mark questions

6 mark questions

7 mark questions

9 mark questions.

The exam will be 1 hour 30 minutes as it will be in the summer.

As finance is part of the paper you will need to revise the calculations

## What revision material should I use?

You have a range of revision materials to support you which includes: -

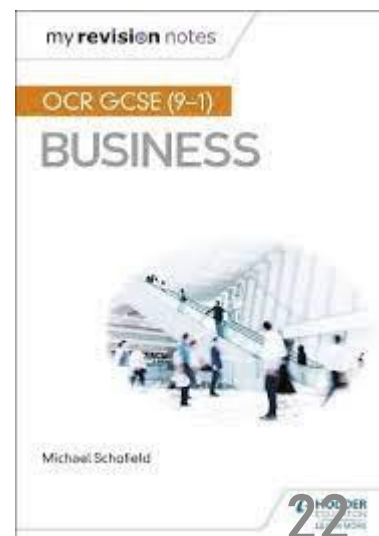
PLC's

Key term revision cards for all 4 topics in Paper 2

Past exercise books

Revision guides

Past exam Papers on TEAMS





## Structured Revision Tasks

- ☐ Use your PLC's to support you – at the start and the end to see how far your revision has developed
- ☐ Revision guide – use the questions to test your understanding
- ☐ Access the past exam papers on TEAMS for additional support and practice answering the questions – your teacher will be more than happy to mark them for you
- ☐ Use the revision cards to support you. Ask a friend or family member to test your understanding.
- ☐ Create mindmaps to support your understanding of each topic.
- ☐ For the last topic on interdependent nature of business – remember everything links together
- ☐ Use Seneca to test your understanding – your teacher will set you the tasks to complete to help develop your understanding further
  
- ☐ Remember to write in detail when answering the 3 – 9 mark questions and time yourself in completing them. Remember timing will be crucial



## Challenge/Extension task:

1. Explain why location is important for a business
2. Explain the break-even point including the formula
3. Which method of production would be better for Ford – batch or flow? Give reasons for your answers
4. Why might globalisation bring both risk and rewards for a business?
5. Write the formula for gross profit margin and net profit margin

## Assessment Information

**OCR**  
Oxford Cambridge and RSA

**A02**

REVIEW

**REFINE**

**EXPERIMENT**

EXPLORE DIFFERENT IDEAS  
AND MEDIA

A RANGE OF TECHNIQUES  
& PROCESSES

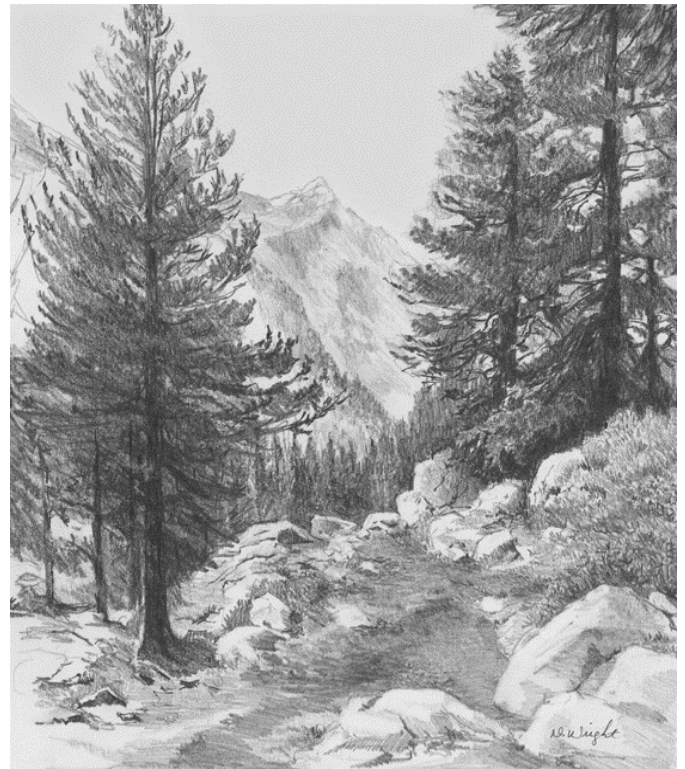
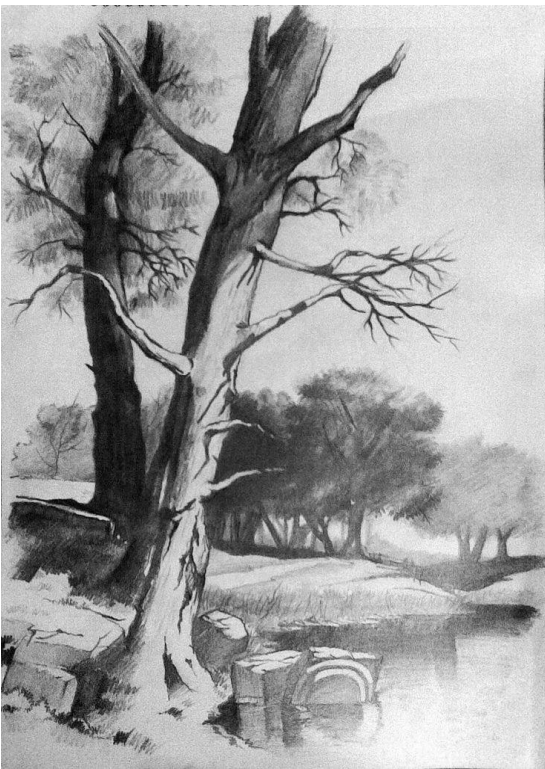
**SELECT**

IMPROVE

You will be assessed against the OCR assessment criteria:

In Art you will be assessed on how well you can draw a landscape. We will be assessing the drawing for the correct application of observational techniques and the use of shading, texture and detail.

**Structured Revision Tasks, you can practice by drawing from these images**



## Challenge/Extension task:

Experiment with mark making and use water colour paints.

# Photography

## Assessment Information

You will be assessed against the OCR assessment criteria:

Assessment Objectives	
AO1	Develop ideas through investigations, demonstrating critical understanding of sources.
AO2	Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.
AO3	Record ideas, observations and insights relevant to intentions as work progresses.
AO4	Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

You will be assessed on your Photography course work project **'Weird & Wonderful'** this is worth 60% of your GCSE grade

You will be required to submit your full portfolio to date, this should include:

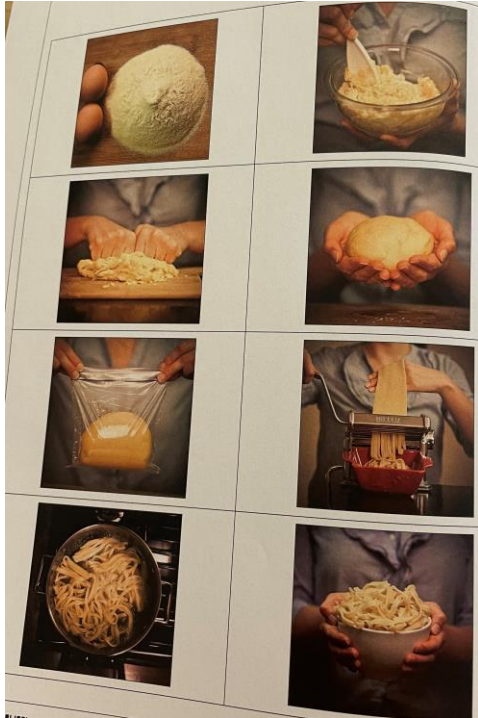
- Weird & Wonderful title page
- Mood-board & mind-map
- Photographer research – Levitation
- Sam Taylor Wood or Kyle Woon
- Contact sheet
- Photoshop method
- Final outcome and evaluation
- Second shoot and final images
- Photographer research
- [BRUNO METRA](#) and [LAWRENCE Jeanson](#)
- Collage images inspired by photographers
- Physical manipulations
- Projection photography





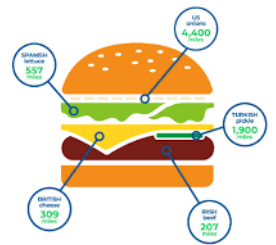
## Assessment Information

### Making Pasta Visual Stimuli



### Topics being Assessed;

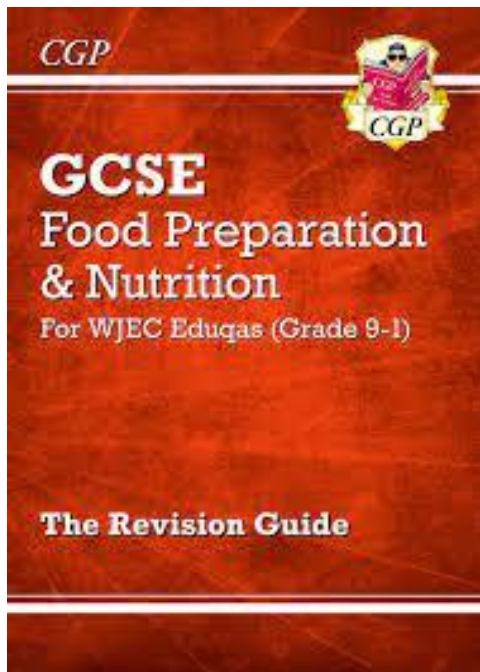
- Pasta
- Proteins
- HBV and LBV proteins
- Environmental impact of food
- Airmiles
- Food Waste
- Vegan and vegetarianism
- Cholesterol



### HBV or LBV???

High Biological Value Protein	Low Biological Value Protein
These contain the 9 amino acids our body CANNOT make. Therefore they contain a high amount of protein. High protein foods are also known as "High Risk" - because bacteria thrive on high protein foods.	These do not contain the 9 amino acids our body CANNOT make. These are lower in protein, and so you must eat a large range of them to ensure you consume the 9 amino acids we cannot make.
	Nut allergies?

## What revision material should I use?

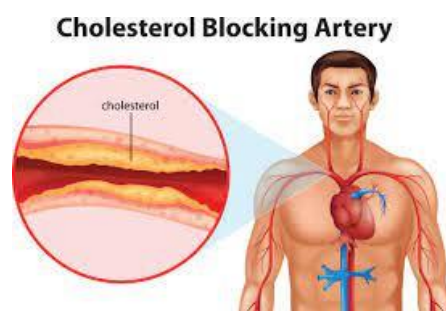


Use the revision booklet given to you by your teacher in the lesson, which is also available on Class Charts

# D&T Food & Nutrition

## Structured Revision Tasks

- Create a revision card for each of the topics, making sure you note their key details .
- Use your revision cards to test yourself or get others to test you.
- Create a bullet point list or mind map to
- Complete the SENECA assignment for the Food and Nutrition
- Search how pasta can be made in different colours, and what ingredients they use to turn them either black, green or red.
- Read through the lesson PowerPoints on classcharts to help remind yourself of the topics covered in our lessons.

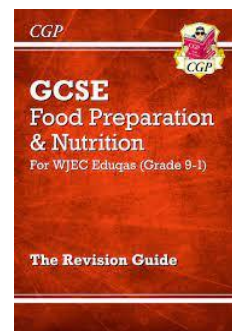


## Challenge/Extension task:

Use YouTube to search for 'How it's made' videos for;  
BBC bitesize GCSE food preparation and nutrition



## Additional Resources:



# D&T Paper & Boards

## Assessment Information

You will be assessed on your knowledge and understanding in your chosen specialism of Papers & Boards, including the following topics:

3.2	3.2.1 Paper 3.2.2 Board 3.2.3 Packaging laminates 3.2.4 Sources and origins 3.2.5 Physical characteristics 3.2.6 Working properties 3.2.7 Social footprint 3.2.8 Ecological footprint	3.3	3.3.1 Aesthetic factors 3.3.2 Environmental factors 3.3.3 Availability factors 3.3.4 Cost factors 3.3.5 Social factors 3.3.6 Cultural and ethical factors
3.4	3.4.1 Forces and stresses 3.4.2 Reinforcement/stiffening techniques	3.5	3.5.1 Stock forms/types 3.5.2 Sizes

## What revision material should I use?

### Papers & Boards

Papers and boards are made from natural fibres, cellulose from wood and recycled waste paper. Papers and boards have different properties and functions.

Paper and board are classified based on their weight in grams per square metre (gsm).

Anything that weighs under 200 gsm is generally considered paper.

200 gsm

Anything that weighs over 200 gsm is generally considered board.

#### Types of Paper

Name	Physical Properties	Uses
Bleed-proof paper	A smooth, thick paper that prevents ink from seeping and bleeding	Quality presentational drawings
Cartridge paper	Creamy white paper, usually with a lightly textured surface	Drawings (pencil, charcoal, pastel) and paintings
Grid paper	White paper with a printed grid of isometric lines or squares	Scale drawings, quick sketches and model-making
Layout paper	Thin, relatively transparent paper with a smooth surface	General design work and sometimes tracing
Tracing paper	Thin, transparent paper with a smooth surface	Copying and tracing designs

#### Types of Board

Name	Physical Properties	Uses
Corrugated card	Two or more layers of card with a fluted layer in between to add strength	Packaging and boxes to protect items from damage
Duplex board	Cheaper than white card, usually has one smooth white side (often printed)	Food packaging that requires printing on one side
Foil lined board	Card lined with aluminium foil on one side to provide insulation	Takeaway food packaging
Foam core board	Two thin layers of card with a foam inner core in between	Model-making and mounting pictures
Inkjet card	Smooth, treated card for a high-quality, bleed-proof finish	High-quality photographs
Solid white board	Strong, high-quality bleached card that is perfect for printing	High-quality packaging, printing and book covers

### Papers & Boards: Stock Forms, Types & Sizes

#### Stock Forms

Paper and boards are available in three stock forms:

Sheet	Roll	Ply (Layered)
Common use: Art supplies	Common use: Newspaper printing	Common use: Kitchen roll

#### Stock Sizes

The A-series is part of the international paper size standard ISO 216.

A0 is the largest size, and the dimensions of sheets halve as you move down a size.

For example, A1 is half the size of A0, A2 is half the size of A1 and so on.

A4 and A3 are the sizes most commonly used in schools and offices.

All measurements are in millimetres (mm).

Paper is also sold in different thicknesses, weights and colours. Paper weight is measured in grams per square metre (gsm). Anything up to and including 200 gsm is considered paper, and anything above 200 gsm is board.

Use the revision booklet given to you by your teacher in the lesson, which is also available on Class Charts

# D&T Paper & Boards

## Structured Revision Tasks

- Create a revision card for each of the Papers and Boards, making sure you note their properties and uses.
- Use your revision cards to test yourself or get others to test you.
- Create a bullet point list or mind map to show each of the stages used in the process of turning timber in to papers and boards
- Complete the SENECA assignment for the Papers & Boards section of the EDEXCEL Design & Technology section
- Take a drinks carton, cut it open and look at the layers that make up the material Tetra-pak. Investigate the different materials used in the layers and the reasons for their use.
- Read through the lesson PowerPoints on classcharts to help remind yourself of the topics covered in our lessons.

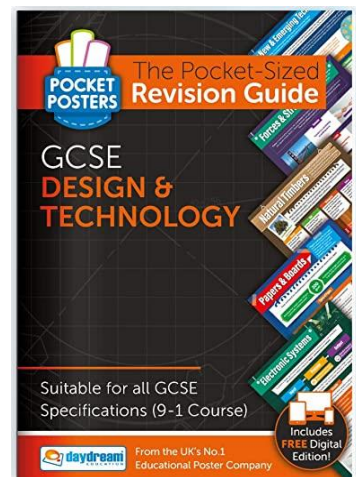
## Challenge/Extension task:

Use YouTube to search for 'How it's made' videos for:

- Copy Paper
- Book binding
- Cardboard boxes
- TetraPak containers
- Stamps



## Additional Resources:





# Media Studies

## Assessment Information

### Component 1: Exploring the Media

This will be in the form of a knowledge check

You will be tested on the following:

Media Language and Representation = all texts of study = 104marks

Media Audience and Industry = all texts of study = 63 marks

## What revision material should I use?

Your own copies of the texts

Revision booklets and Knowledge Organisers

Revision resources uploaded onto our Teams page and ClassCharts



YouTube



MRS FISHER'S  
**MEDIA STUDIES  
REVISION CHANNEL**

## Knowledge Organisers

Spectre – Component 1 (Media Language, Representation and Industry)  
Knowledge Organiser

Key Vocabulary	Definition
Action Code	
Enigma Code	
Connotation	
Stereotype	
Rule of Thirds	
Direct Address	
Intertextuality	
Protagonist	

5 key facts about Spectre (e.g. budget, director etc)

- 1.
- 2.
- 3.
- 4.
- 5.

10 Key Facts about Spectre's context (e.g. Day of the Dead, intertextuality, gender stereotypes)

## Eduqas Fact Sheets

GCSE Media Studies - Set Product Fact Sheet

### Quality Street print advert (1956)



Link to the webpage:  
<https://resource.s.eduqas.co.uk/Pages/ResourceSingle.aspx?rliid=950>

# Media Studies

## Structured Revision Tasks

### Media Language & Representation

1. Re-read/recap each text of study
2. Review the notes made in lessons
3. Create revision cards detailing what occurs in each text focusing on:
  1. Use of sound
  2. Use of editing
  3. Use of camerawork
  4. Use of mise-en-scene
  5. Representations
  6. Connotations/meanings and effects
  7. Relevant theory

### Media Audiences & Industry

1. Re-read/recap each text of study
2. Review the notes made in lessons
3. Create revision cards detailing what occurs in each text focusing on:
  1. Facts/stats
  2. Contexts – social/historical/economic etc.
  3. Distribution/circulation/exhibition etc.
  4. Relevant theory
  5. Impact on an audience
  6. Ownership

## Challenge/Extension task:

Label and analyse the key features of this advert. Write a paragraph exploring the effects contexts have on the audience.



Create an audience profile of The Archers. Write a paragraph explaining how The Archers matches the BBC's remit, linked to an example from one of the episodes you have studied.

## Assessment Information

### What will be in the exam?

**Paper 1: Mock paper = 45mins. Covering all aspects taught for Paper 1**

**Component 1: Fitness and Body Systems (Paper 1 = 36% of whole GCSE)**

### Topics covered in the paper/papers - what should you revise?:

- ☐ 1. Use the PLCs to RAG rate yourself on topics
- ☐ 2. Complete the PLCs uploaded to Teams (this will help you get a better understanding of the areas you need to focus on)
- ☐ 3. Make revision cards/mind maps/notes on your areas of weakness focusing on Paper 1 topics below:

#### 1. Applied Anatomy and Physiology

**Musculoskeletal system:** 5 main functions and their role in Sport and Physical Activity (PA)

**Bone classifications:** i.e. long bone, short bone, flat bone, irregular bone. Their functions, appearance and names of the bones in each category.

**Joint classifications:** i.e. pivot joint, hinge joint, ball and socket joint, condyloid joint. Examples of where each type can be found on the body – name of joint e.g. Elbow is a hinge joint

**Types of movement and joints :** i.e. flexion/extension, abduction/adduction, rotation, circumduction, dorsi-flexion/plantar-flexion. Which type of joint allows which type of movement.

**Muscle types:** i.e. cardiac muscle, involuntary muscle, voluntary muscle. Where these can be found and their function during PA Also, Vascular shunting – Vasoconstriction/vasodilation.

**Antagonistic pairs:** Definition of agonist and antagonist and how these work together to produce movement – why are they in pairs?

**Muscle fibre types:** i.e. Type I, type IIa, type IIx Which muscle types are best suited to which activities/sports and why

**Cardiovascular system** Functions of the CV system: i.e. Transport, clotting, temperature regulation. How these relate to sport and PA.

**The Heart:** Structure of the heart, including all main structures, and the route that blood takes through the heart. Main blood vessels in and out.

**Blood vessels:** i.e. Arteries, capillaries, veins and their role in PA. You should know their main features.

**Blood:** Main components, i.e. red blood cells, white blood cells, platelets and plasma and their role in PA.

#### **Respiratory system:**

**The mechanics of breathing:** The main structures of the respiratory system and their role in breathing.

**Gaseous exchange:** Where this takes place, the main structures involved and how this takes place.

Cardiovascular fitness, Body composition, Coordination, Power, Reaction time, Speed, Balance, Agility, Flexibility, Muscular endurance, Strength.

**Short term effects of exercise** What are the 5 short term effects of exercise on the body.

**Long term effects of exercise** Work through all of the systems and ensure you can explain the key Long term effects of exercise on the systems and the effect improvements will have on performance.

## Structured Revision Tasks

- Complete exam questions on the next page
- Create a knowledge organiser for Paper 1 topics
- Complete challenge/extension task

## What revision material should I use?

- Exam board:
  - <https://qualifications.pearson.com/en/subjects/physical-education-and-sport.html>
- Revision websites:
  - <https://www.brianmac.co.uk/>
- Advice on topics relating to athletic development, exercise physiology and successful coaching for athletes, sports science students and coaches
- BBC Bitesize – GCSE PE

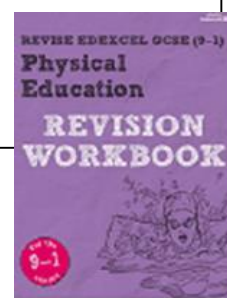
## Where can I find the information - subject support e.g. revision materials, revision sessions etc:

Available from the pearson website and other stockists.

Use past papers and mark schemes available on the pearson website.

• Your book from last year and the one created so far this year is a valuable resource

• Look at the topic breakdown on previous page and ensure you are happy with all the information and have access to it in your books.



## Challenge/Extension task:

**Respond to one or all of the following questions.**

1. Explain the importance of coordination, power and muscular endurance to the performance of a rugby player? (9 marks)
2. Explain the importance of agility to a tennis player. Give specific sporting examples of how it can affect performance? (9 marks)

## Main functions of the skeletal system:

- Movement
- Support
- Protection



- 2 For each image, identify a **different** role of the skeletal system and describe how the role is achieved in the image.

Figure 1 .....  
 .....  
 .....

Figure 2 .....  
 .....

Use the images to help you answer the question.



Figure 1



Figure 2

## Antagonistic pairs

Skeletal muscles work together to provide movement of the joints.

While one muscle **contracts**, another **relaxes** to create movement.

Muscles working together like this are called **antagonistic pairs**.

The muscle contracting is the **agonist** (prime mover).

The muscle relaxing is the **antagonist**.

Remember, muscles are connected to bones via tendons. When the muscles contract, they pull on the tendon which pulls on the bone. This creates the movement.

(4 marks)

- (b) Name the muscle that works antagonistically with muscle A in Figure 1.

(1 mark)

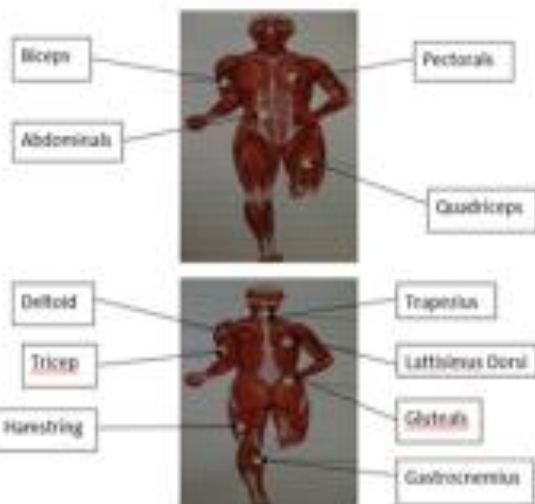
- (c) Analyse how these muscles act as an antagonistic pair.

When the biceps contract the triceps .....  
 This allows the runner to .....

(2 marks)

- (d) Explain how the ability to use antagonistic pairs of muscles in his arms helps the sprinter in his performance.

(2 marks)



- 1 Using examples, describe what is meant by **vascular shunting**.

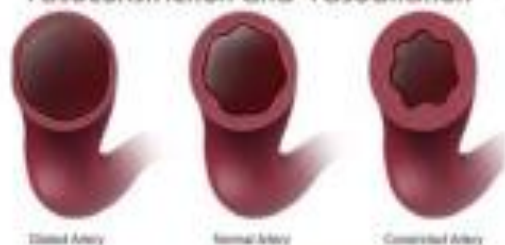
Vascular shunting is the term for the process when blood flow to different parts of the body is altered depending on demand for oxygen. For example, when exercising .....

(3 marks)

- 2 (a) As demands on the body increase due to exercise, blood flow to different parts of the body alters. Explain how vasodilation and vasoconstriction allow redistribution of blood flow to the digestive system during exercise.

Use your knowledge of the words **constriction** and **dilation** to help, and remember **vaso** relates to blood vessels.

## Vasoconstriction and Vasodilation



Complete the practice exam questions.