

# Year 11 Subject Information Booklet

Version 2

### **Subject: Mathematics GCSE**

Contact: Mrs Sheena Evans

s.evans@smithdonhigh.org.uk

Specification: AQA Mathematics Grade 9-1 (8300)

Website:

https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300

## **GCSE Mathematics 2021:**

- AQA Exam Board
- There will be two tiers of entry: Foundation Grades (1 to 5) and Higher Grades (4 to 9)
- The qualification will consist of three exams, each worth 80 marks.
- Each exam will last 1 hour 30 minutes.
- Paper 1 will be non-calculator, paper 2 and 3 will be calculator.

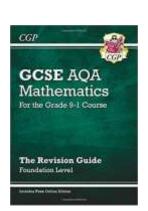
#### **Key Dates:**

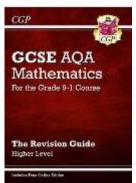
Paper 1 (Non- Calculator)	Paper 2 (Calculator)	Paper 3 (Calculator)
TBC	TBC	TBC

## **Preparation for Summer Exams:**

- Oct 20 PPE
- Feb 21 PPE
- Weekly after school maths revision (Wednesday or Thursday dependent of class teacher), for an hour
- Hegarty Maths school subscription www.hegartymaths.com
- MyMaths school subscription www.mymaths.co.uk
- Corbettmaths free site www.corbettmaths.com
- Maths Genie free site www.mathsgenie.co.uk
- Exam Paper Practice
- Revision Guides/Workbooks







• Saturday Mornings: 1hour (1:1) with a maths mentor (focusing on individual progress)(Free of charge – limited spaces available)

GCSE Revision Guides are available to purchase through the School Shop - starting from £2.50. (RRP From £5.99)

Casio Scientific Calculators are also available (for a limited time) to purchase through the School Shop at £8.40 each. (RRP From £12.00)

#### **REVISION:**

- Students should complete about 30 minutes of revision EVERY night (this is on top of their weekly homework)
- Hegarty Maths or Maths Genie for Specific Topic Revision/Exam Practice
- Complete HegartyMaths Weekly Memri or Fix –Up-5

## Useful websites - <u>free</u> online resources for independent study:









## **Subject: English (Language and Literature) GCSEs**

Contact: Ms Amanda Wright a.wright@smithdonhigh.co.uk

English Language Specification: Eduqas

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

English Literature Specification: AQA

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

#### Key dates:

Literature Paper 1	Literature Paper 2	Language Paper 1	Language Paper 2
An Inspector Calls	Macbeth	Skills in fiction	Skills in non-fiction
A Christmas Carol	Unseen poetry	(reading)	(reading)
		Narrative writing	Persuasive &
			transactional writing
TBC	TBC	TBC	TBC

What's happening when?

Term	Lesson content	Additional information
Autumn 1	Macbeth (literature)	Completion of Spoken Language Endorsement outside of lesson time
Autumn 2	Macbeth (literature) Language Papers 1&2 (language) Unseen poetry skills (literature)	Completion of Spoken Language Endorsement outside of lesson time In lesson assessments - Language papers and Macbeth
Spring 1	Revision of set texts - A Christmas Carol, An Inspector Calls, Macbeth Language Papers 1&2 (language) Unseen poetry skills (literature)	Language Paper 1 PPE (1 hr 45 minutes) Language Paper 2 PPE (2 hours) Literature Paper 1 PPE (1 hr 45 minutes) Literature Paper 2 PPE (2 hr 15 minutes)
Spring 2	Revision	
Summer 1	Revision	
Summer 2	Revision	

#### **Revision Materials:**

CPG guides available from the school store for Macbeth, An Inspector Calls, A Christmas Carol and Unseen poetry. £3 each or 4 for £12.

In addition to these materials, students receive resource packs from their English teachers. We also recommend that students use GCSEPod and subscribe to Mr Bruff's YouTube channel.



Contact: Mrs C Chapman

c.chapman@smithdonhigh.org.uk

Specification: AQA

Website:https://www.aqa.org.uk/subjects/science/gcse

#### **Key dates:**

Health check 1	Assessment 1	Pre public entry exam	Health check 2	National Science exams
Week	Week	Week	Week	Bio paper 1 -
beginning -	beginning	beginning	beginning	Chem paper 1 -
28th	7th	1st -11th	22nd March	Phys paper 1 -
September	December	Feb 2021		Bio paper 2 -
	2020			Chem paper 2 -
				Phys paper 2 -

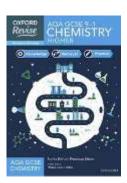
What's happening when?

Term	Lesson content	Additional information
Autumn 1	Cell Biology and Organisation	Homework set via Google classroom each
	Chemical analysis Energy and	month on Required practical
	Electricity	
Autumn 2	Health and Bioenergetics	
	Recycling and environmental	
	impact	
	Matter and radioactivity	
Spring 1	Homeostasis and inheritance	Triple science additional content to be taught
	Organic chemistry, polymers	alongside these topics.
	Forces and Motion, Waves	
Spring 2	Ecology	
	Atomic structure and calculations	
	Electromagnetism and EM Waves	
Summer 1	Revision	

Please see overleaf for topics list

#### **Revision materials**





#### **Useful websites:**

http://retrievalroulette.syedkhairi.com

https://www.bbc.co.uk/bitesize/exams

pecs/z8r997h

https://www.freesciencelessons.co.uk

https://www.gcsepod.com

#### What topics are on what paper?

#### **Biology paper 1**

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

#### **Biology paper 2**

Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

#### **Chemistry paper 1**

Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

#### **Chemistry paper 2**

Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.

#### Physics paper 1

Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

#### Physics paper 2

Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism

## **Subject: History GCSE**

Contact: Mr Corder

a.corder@smithdonhigh.co.uk

Specification: Edexcel Website:

https://qualifications.pearson.com/en/qualifications/edexcel-gcses/history-2016.html

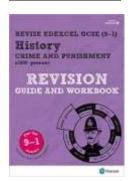
#### Key dates:

Paper 1 (crime and	Paper 2a (Anglo-	Paper 2b Superpower	Paper 3
punishment)	Saxon and Norman	relations and the Cold	(Germany 1919-39)
	England)	War	
TBC	TBC	TBC	TBC

#### What's happening when?

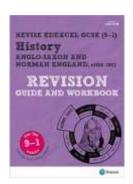
Term	Lesson content	Additional information
Autumn 1	Superpower Relations and the Cold War	
Autumn 2	Superpower Relations and the Cold War	
Spring 1	Superpower Relations and the Cold War	
Spring 2	Crime and Punishment	
Summer 1	Anglo Saxon and Norman England and the Cold War	Sunday revision sessions 10am-1pm On the Sunday before the exam
Summer 2	Weimar and Nazi Germany	Sunday revision sessions 10am-1pm – Weimar and Nazi Germany

#### **Revision materials**

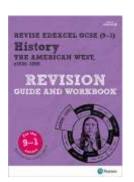


Pearson: Crime and Punishment

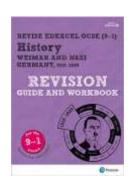
£5.99



Pearson: Anglo-Saxon and Norman England. £5.99



Pearson: The American West £5.99



Pearson: Weimar and Nazi Germany. £5.99

### **Subject: Geography GCSE**

Contact: Mr S. Chapman

S. Chapman@smithdonhigh.org.uk

Specification: Edexcel A

Website: <a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/geography-a-">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/geography-a-</a>

2016.html

#### Key dates:

Paper 1: The Physical Environment (1 and ½ hour exam worth 37.5% of the GCSE)	Paper 2: The Human Environment (1 and ½ hour exam worth 37.5% of the GCSE)	Paper 3: Geographical Investigations: Fieldwork and UK Challenges (1 and ½ hour exam worth 25% of the GCSE)
The changing landscapes of the UK Coastal landscapes and processes River landscapes and processes Climate change Weather hazards Ecosystems, biodiversity and management	Changing cities Global development Resource management Energy resource management	Investigating Physical Environments (Coasts) Investigating Human landscapes (Central/inner urban areas) UK Challenges (questions based around a resource pack)
TBC	TBC	TBC

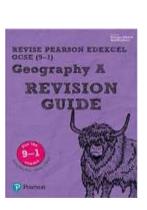
#### Tips for revision for students

- 1. Use the revision guide and workbook
- 2. Use GCSE POD
- 3. Use BBC Bitesize (Geography EDEXCEL 9-1)
- 4. Ensure that you can define all the words on the wordlists.
- 5. Ensure that you know what is required when using each command word e.g. describe, explain, assess and evaluate.
- 6. Produce revision sheets on the key studies.
- 7. Use the revision sheets that you have already created for the Physical Environment exam.
- 8. Use the revision quizzes on the Physical Environment topics on Show my Homework.

#### Revision programme

There will be a homework based revision programme ready for the November health check (Geographical Investigations: Fieldwork and UK Challenges). There will also be a structured programme of revision ready for the February exams (Physical Environment and Human Environment).





**Subject: German GCSE** 

<u>Contacts:</u> Mrs K. Featherstone <u>k.featherstone@smithdonhigh.org.uk</u>

Mrs B. Robinson b.robinson@smithdonhigh.org.uk

Specification: Edexcel

Website: <a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/german-2016.html">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/german-2016.html</a>

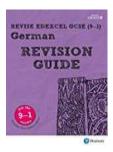
**Key dates: TBC** 

Paper 1	Paper 2	Paper 3	Speaking - teacher
Listening	Reading	Writing	assessed, externally graded

#### What's happening when:

Term	Topics and Lessons	Additional information
Autumn 1	Theme: 2 Local area, Holiday and Travel	German help/revision sessions
	Weekly vocab tests and short pieces of written work	in D.05
	will be set as homework	Wednesdays 3.15 -4pm
Autumn 2	Theme: 4 Future aspirations, Study and Work	December exam will be a full
	Weekly vocab tests, written work and learning for	exam for Papers 1,2 +3 Speaking
	speaking exam will be set	exam date TBC
Spring 1	Theme 4 ctd.	
	Theme 5: International and global dimension	Theme 5 will be examined in the
	Weekly vocab tests and short pieces of written work	listening and reading exams only
Spring 2	Theme 5: International & global dimension ctd	
	Followed by revision of all topics	
Summer 1	Revision of all topics for Listening, Reading and	Exam dates TBC
	Writing	

**Revision classes:**German help/revision sessions Wednesdays 3.15-4pm in D0.5. **Revision materials:** A revision guide and workbook are available from the school shop or from online retailers eg Amazon.







**Revision sites:** GCSE Bitesize German Edexcel; PIXL GCSE German; GCSE Pod; Quizlet; Memrise and Linguascope. These last three Quizlet, Memrise and Linguascope are very effective tools when learning and revising vocabulary.

## **Subject: ART GCSE**

Contact: Miss Heidi Tooze

h. tooze@smithdonhigh.org.uk

Specification: AQA Website:

https://www.aqa.org.uk/



Weightings: Key dates:

Coursework	100% of overall	Coursework-Project	May 8th
2 Projects and 2 final	grade.	1 and 2	
pieces			

#### What's happening when?

Term	Lesson content	Additional information
Autumn 1	Project 2	Tuesday and Wednesday intervention till 4.30pm
Autumn 2	Project 2	Tuesday and Wednesday intervention till 4.30pm
Spring 1	Project 1-revisist and improve.	Tuesday and Wednesday intervention till 4.30pm
Spring 2	Project 2 revisit and improve.	Tuesday and Wednesday intervention till 4.30pm
Summer 1	Coursework hand in.	Tuesday and Wednesday intervention till 4.30pm

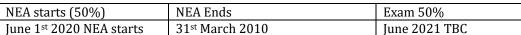
### **Subject: Design Technology GCSE**

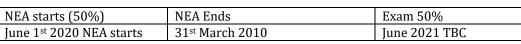
Contact: Miss Heidi Tooze

h.tooze@smithdonhigh.org.uk

Specification: AQA Website: https://www.aqa.org.uk/

Key dates:





#### **Deadlines**:

In order to keep up with the demand of a 35 hour design and prototyping project and be able to make best use of the generic feedback that will be given to the whole class, it is important to keep up to date with the work that needs to be completed. To help with this, the following deadlines are set:

<u>Section</u>	<u>Deadline</u>
Α	2nd October 2020
В	2nd October 2020
С	23rd October 2020
D	20th November 2020
E	12th February 2021
F	5th March 2021

These deadlines are final, but it is expected that in most cases, the work required will have been completed before these dates. If the deadlines are not met, then interventions will take place using C3s until the work is completed and up to date. This is to ensure that all pupils have the best chances of achieving their potential in the NEA.

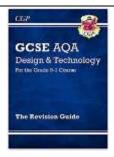
Date	Description/Additional information
5/3/2020	At this stage the work will be printed on A3 paper for assessment Finish NEA work in class time (this is to allow time in lessons for exam preparation and revision) Easter will be available to help complete outstanding coursework. Targeted Intervention sessions will be available at lunchtimes and after school by appointment.
19/4/2020	Final marks After this date the marks cannot be improved

Revision materials available from amazon £5.95.

#### Web sites

Technology student.com

**BBC GCSE bitesize** 



## Subject: GCSE FOOD AND NUTRITION

Contact: Miss Heidi Tooze

Email:h.tooze@smithdonhigh.org.uk



Specification: AQA Website: https://www.aqa.org.uk/

Key dates:

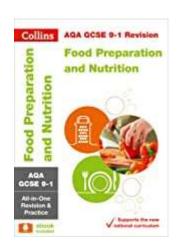
NEA starts (50%)	NEA Ends	Exam 50%
November 1st 2020 NEA	31st March 2021	June 2021 TBC
2 starts		

#### What's happening when?

Date	Description	Additional information
September 2020	Bridging the gap of principles of food and nutrition.	Theory and practical skills.
November 2020	NEA 2 - Design brief and chosen context.	NEA 2 (20 hours) 50 % of overall mark. Including 2 dishes in 3 hours practical.
Autumn 2	NEA 2 continues	NEA 2 (20 hours) 50 % of overall mark. Including 2 dishes in 3 hours practical.
Spring 1	NEA 2 continues (practical tasks)	NEA 2 (20 hours) 50 % of overall mark. Including 2 dishes in 3 hours practical.
Spring 2	NEA 2 concludes (Practical task)	NEA 2 (20 hours) 35 % of overall mark. Including 3 hours practical.
Summer 1	Written Exam	

Revision materials available from amazon £7.10

**Collins Food and Preparation and Nutrition.** 



## **Subject: Physical Education**

Contact: Mr D Ward

**Email:** d.ward@smithdonhigh.co.uk

**Specification:** Edexcel

Website:

 $\underline{\text{https://qualifications.pearson.com/en/qualifications/edexcel-gcses/physical-}}$ 

education-2016.html



February Half term	April (date TBC)	May (Date TBC)	May (Date TBC)
PEP coursework	Practical	Paper 1 Exam	Paper 2 Exam
final deadline	moderation day		

#### What's happening when?

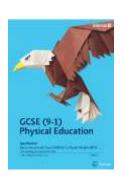
Term	Lesson content	Additional information
Autumn 1	<ul> <li>Theory</li> <li>Movement Analysis – Levers, Planes and Axes.</li> <li>Start of respiratory system</li> <li>Health Check 1</li> <li>Practical</li> <li>Athletics</li> </ul>	School fixtures and clubs to help with practical performance. PEP coursework element to be completed for homework tasks in stages.
Autumn 2	Theory  Complete respiratory system Aerobic and Anaerobic exercise COMPLETED THEORY CONTENT  2nd Health Check – December. 45 Minute exam. Paper 1 content Practical Football, Netball and Tennis	School fixtures and clubs to help with practical performance. PEP coursework element to be completed for homework tasks in stages on Google Classroom. After school Intervention sessions - TBC
Spring 1	<ul> <li>Theory         <ul> <li>Paper 2 revision – Health and Fitness, Sport Psychology, Social Influences.</li> </ul> </li> <li>FEBRUARY PPE – Paper 1 and Paper 2         <ul> <li>Practical</li> <li>Handball and Badminton</li> </ul> </li> </ul>	School fixtures and clubs to help with practical performance.  After school Intervention sessions - TBC  PEP Coursework deadline –  February half term  Video Practical evidence due Feb half term.
Spring 2	<ul> <li>Theory         <ul> <li>Paper 1 Revision – Anatomy and Physiology, Physical Training, Movement analysis.</li> </ul> </li> <li>Practical         <ul> <li>Final preparations for practical Moderation</li> <li>Mock Moderation day and final Moderation day.</li> </ul> </li> </ul>	School fixtures and clubs to help with practical performance.

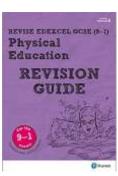
#### **Revision materials**

The EverLearner – students all have log ins. Work set online but can be used for revision materials.

GCSE PE Revision Guide (picture above) – Amazon £5.99

BBC Biteszie, PiXL PE questions on SMHW, YouTube videos and webinar sessions.





### **Subject: GCSE Music**

Contact: Miss A Miller

Email: a.miller@smithdonhigh.org.uk

Specification: Rockschool

Website: <a href="https://www.rslawards.com/vocational/vocational-syllabus/">https://www.rslawards.com/vocational/vocational-syllabus/</a> - Level 2

**Tech Awards for Music Practitioners** 

#### Key dates:

Coursework 1: 201ta - Musical	Coursework 2: 204ta -	Coursework 3: 202ta - Live
Knowledge	Instrumental Studies	Music Performance
The aim of this unit is to build the	This unit aims to enhance the	Through study of this unit
learner's musical knowledge and	learner's capacity to	learners will engage with a full
give them the ability to articulate	understand how to maximise	live performance project
their thoughts and feelings about	their development as an	including planning, rehearsal,
music using the appropriate	instrumentalist, to recognise	performance, and evaluation. The
industry & theoretical language	success and to encourage	skills learned within this unit can
whilst drawing upon knowledge	improvement in areas which	be directly applied to any future
learned within this unit.	require further work through	pursuits in the live music
	objective and reflective self-	industry.
Learners will study musical styles	assessment. The purpose of	
and the various distinctive traits	this unit is to facilitate the	The rehearsal elements of the unit
that comprise them. Through	learner's ongoing development	are designed to develop the
study of this unit learners will	as an instrumentalist, based	learner's ability to rehearse
build a wider contextual and	around their own goals and	effectively. Learners will develop
theoretical knowledge of	objectives using structured	their planning, organisation,
contemporary music. This	planning and reflection of	communication and evaluation
knowledge will be demonstrated	personal development. This	skills throughout the rehearsal
through the ability to identify and	will in turn facilitate the	process. The purpose of the unit is
analyse the key stylistic and	capacity to use their	to prepare learners for the
musical elements present within	instrument as their primary	undertaking of a live musical
contemporary music.	tool for creating and/or	performance in front of an
	performing music.	audience.
Approximately Mid-October	Approximately Mid-February	Approximately Mid-April

#### Tips for completing coursework for students

- 1. Pay close attention to deadlines.
- 2. Read the outlines for the coursework clearly and carefully, they tell you everything you need to know to achieve success
- 3. Ask for help! I am here to help you, but you need to ask!
- 4. Plan your time very wisely. You only have limited time for coursework so use what you have smartly.

#### Completion programme

Thursdays after school there will be an opportunity for students to stay after school for an extra hour to work on completing more coursework and to seek further help as well as recording work.



## <u>Subject: Health & Social Care</u> Contact: Ms A Moat

**Email:** a.moat@smithdonhigh.co.uk **Specification:** OCR Cambridge Nationals

**Website:** https://www.ocr.org.uk/





#### Key units:

Unit name	Type of assessment	Marks	Mandatory/ compulsory
R021: Essential values of care for use with individuals in care settings	1 hour exam	<mark>60</mark>	Mandatory
R022: Communicating and working with individuals in health, social care and early years settings	Coursework	<mark>60</mark>	Mandatory
R023: Understanding body systems and disorders	Coursework	60	Compulsory
R031: Using basic first aid procedures	Coursework	60	Compulsory

#### General information:

R021	R022	R023	R031
June 2021	Improvements being made	Research should have been completed in lockdown TBC if needed	Improvements being made

What's happening when?

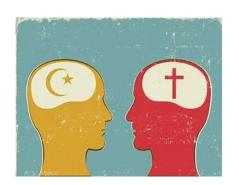
Term  Autumn Term 1  R021: Understanding the exam; Values of Care Early Years Settings; Values of Care Health and Social Care settings; Right to confidentiality; Data Protection Act 1998.  R031 - Improvements of implemented.  Deadline 19th October  October half term  R021: Right to Choice; Right to protection from harm and abuse; Children Act unit.	emailed and
Term 1 Care Health and Social Care settings; Right to confidentiality; Data Protection Act 1998.  R031 - Improvements e implemented.  Deadline 19th Octobe  October half term  Autumn 2 R021; Right to Choice; Right to protection from harm and abuse; Children Act  One to one about the	emailed and
Autumn 2 R021: Right to Choice; Right to protection from harm and abuse; Children Act One to one about the	
	e coursework and exam
R022 - entered and m	noderated.
R031 - entered and m	noderated.
Christmas Break	
Spring 1 R021: Health and Safety at Work Act (1974); Equal and Fair Treatment; Consultation; Mental Health Act.  R023 - TBC complete - requires it.	- If the exam board
R022 - Moderation res	sults.
R031 - Moderation res	sults.
Spring 2 R021: Hygiene; Complaints Procedures; Communication to Maintain Rights; Maintaining Rights and Impact on PIES.	
Easter Break	
Summer Term 1 R021: Revision techniques; Exam question packs; Marking criteria; Strength and weakness.	
Summer R021: Revision. R021 - Exam in exam h	hall.

## **Subject: Religious Studies GCSE**

Contact: Mrs Fysh

e.fysh@smithdonhigh.org.uk

Specification: AQA Website: https://www.aqa.org.uk/



#### Key dates:

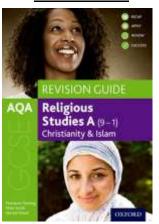
Paper 1 – A study of world Religion – Christianity and Islam	Paper 2 – Thematic Studies
TBC	TBC

#### What's happening when?

Term	Lesson content	Additional information
Autumn 1	Religion and Life	Wednesday after school intervention sessions
Autumn 2	Religion, human rights and social justice	Wednesday after school intervention sessions
Spring 1	Islam Beliefs	Wednesday after school intervention sessions
Spring 2	Islam Practices	Wednesday after school intervention sessions Easter revision session
Summer 1	Christianity Beliefs	Wednesday after school intervention sessions
Summer 2	Christianity Practices	Wednesday after school intervention sessions

#### **Revision materials**

#### Amazon £9.98



#### **Useful websites and resources**

GCSE Bitesize Religious Studies

GCSE Pod – Christianity and Islam

Knowledge Organisers given in class

#### GCSE Drama

- \*Component 1 Performance exam Before October half term
- \*Component 1 Evaluation and Devising portfolio submit to Mrs Proctor by 15<sup>th</sup> December 2020
- \*Exam board submission of Component 1 marks 24th March 2021 (TBC)
- \*Component 2- scripted performance March 2021- (TBC)
- \*Component 3 written exam 9<sup>th</sup> June 2021 (TBC)

Contact:

Mrs V Proctor

V.Proctor@smith donhigh.org.uk

Ms K Brown

K.Brown@Smith donhigh.org.uk



## \*Important dates GCSE Drama

## The qualification breakdown

Component 1	Component 2	Component 3
Devise a <u>practical performance</u> which is influenced by a practitioner or genre. The piece must be created from an initial stimulus which is supplied by the exam board. There are strict time guidelines for performance and penalties for going over or under are adhered too.	A <u>scripted performance</u> to an external examiner - students must perform one extract from a play which is contrasting to the set text and is not written between 1980 /2000 - the extract must demonstrate a change in character - There are strict time guidelines for performance and penalties for going over or under are adhered too.	Written Exam is 90 minutes and is 40% of GCSE - it is marked out of 60.  Section A is focussed on the set text - 'Hard to Swallow' by Mark Wheeller or D.N.A by Dennis Kelly - 45 marks available.  Section B is based on observation of live theatre and requires the candidate to pick one question to answer solely on this performance. 15 marks available.
Create a <u>devising portfolio</u> which reflects the journey and process of devising - 3 paragraphs focusing on stimulus, practitioner and amendments made along the journey.		
<u>Evaluation</u> - a reflective piece if writing which focused on individual performance and the success / areas for improvement after examination -students can take notes into the examination.		