

Year 10 Curriculum Student Guide For Home Learning



Spring Term 1 2021

Introduction

In the scenario where your daughter is unable to attend school due to self-isolating we have produced this Curriculum Student Guide to outline more subject specific guidance on work that can be completed at home. This will replace the previous guidance to use Oak Academy.

Please be advised that all homework is now set on Google Classroom and your daughter can access this from home as usual to keep up with work set. We are also encouraging teachers to add their PowerPoints to the class pages where appropriate.

If you daughter would like to explore subjects beyond this guidance the following website are very helpful in addition to any subject specific websites recommended by subject teachers: -

- Oak Academy
- GCSE Pod
- BBC Bitesize (for KS3 and KS4)
- Seneca Learning
- Active Learn
- FROG

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Art

Recommended Website Resources

All tasks and information will be discussed in [Google Meet](#) during lesson time. All information and resources will be shared on [Google Classroom](#) under 'Class Work'. Assignments are to be completed either on computers or in books/paper. All work is to be uploaded onto Google Classroom. Tasks done on paper or in books must be photographed and kept safely. This is to ensure hand-ins are met and feedback can be given.

DESPITE POSSIBLE MISUNDERSTANDINGS: ART LESSONS CAN BE COMPLETED ONLINE.

All you need is your inquisitive and creative imaginations. Basic equipment and initiative.

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Double: Analysing Art by AW, RL & JR Single: Analysing Art by AW, RL & JR	Tasks and resources labelled and dated on Google Classroom
11/1/21	Double: Intro to Sarah Graham Single: Researching Sarah Graham	Tasks and resources labelled and dated on Google Classroom
18/1/21	Double: Copying Sarah Graham Single: Copying Sarah Graham	Tasks and resources labelled and dated on Google Classroom
25/1/21	Double: Analysing Sarah Graham Artwork Single: Plan a Sarah Graham Response	Tasks and resources labelled and dated on Google Classroom
1/2/21	Double: Create your Sarah Graham Response Single: Create your Sarah Graham Response	Tasks and resources labelled and dated on Google Classroom
8/2/21	Double: Create your Sarah Graham Response Single: Create your Sarah Graham Response	Tasks and resources labelled and dated on Google Classroom

BLOSSOM

Recommended Website Resources

- <https://www.bbc.co.uk/bitesize/subjects/z3ckjxs>
- <https://www.mind.org.uk/>
- <https://www.bbc.co.uk/iplayer/episode/p05qcmlb/acid-attack-my-story>
- <https://www.bbc.co.uk/iplayer/episode/p07lsr4d/jesy-nelson-odd-one-out>
- <https://www.bbc.co.uk/iplayer/episode/m000gnzv/age-of-the-image-series-1-4-fake-views>
- <https://www.youtube.com/channel/UCCjoLhqu3nyOFmdqF17LeBQ>

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Sex and Relationships Education	LSA Workshop- virtual lesson with outside agency (TBC)
11/1/21		Healthy Relationships
18/1/21		Domestic Abuse
25/1/21		Gender differences
1/2/21		Red flags in relationships- Murdered by my boyfriend
8/2/21		Red flags in relationships- Murdered by my boyfriend

Business Studies

Recommended Website Resources

- www.gcsepod.com
- www.bbc.co.uk/bitesize/subjects/zpsvr82
- www.tutor2u.net/business

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Methods of Production	Methods of Production
11/1/21	Quality Control	Quality - Overview
18/1/21	Supply Chain	Managing Stock
25/1/21	Sales process	Sales Process
1/2/21	Customer Service	Customer Service
8/2/21	Consolidation/Revision – Answer Revision Questions on Business Operations	Revision Materials

Drama

Recommended Website Resources

Information to follow however all resources and lessons can be found on Google Classroom on your class page

English

Recommended Website Resources

Unlike many subjects, English work is set dependent on the English class and the pace of understanding. Therefore, we have outlined the topics covered in every year group for each set for the whole half term.

Greater guidance on specific tasks and resources will be updated weekly on Google Classrooms and resources can be found in the topic area on Google Classroom.

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Completion of 'Jane Eyre'	Please look at your Google Classroom page for your class to get weekly direction and resources
11/1/21		
18/1/21		
25/1/21		
1/2/21		
8/2/21		

Film Studies

Recommended Website Resources

All subject resources can be found on Goggle Classroom

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Vampires: researching the genre	On GC
11/1/21	Let The Right One In: Screening	On GC
18/1/21	LTROI: analysis of scenes	On GC
25/1/21	LTROI: analysis of scenes	On GC
1/2/21	Exam style questions	On GC
8/2/21	FIT	On GC

French

Recommended Website Resources

KS3/4-Google Classroom resources

www.classroom.thenational.academy/subjects-by-key-stage

www.memrise.com

Oak Academy

KS3/4-www.linguascope.com

- username: bsg
- password: Brentford5

KS4- www.bbc.co.uk/bitesize/subjects/

www.thisislanguages.com and then enter your details

www.classroom.thenational.academy/subjects-by-key-stage

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Hotel accomodation	GC resources/Module 5.1
11/1/21	Travelling	GC resources/Module 5.2
18/1/21	What you do/did on holiday-esp past tense	GC resources/Module 5.3
25/1/21	Ordering food in a restaurant	GC resources/Module 5.4
1/2/21	Holiday disasters and tenses practice	GC resources/Module 5.5/ Review PLC
8/2/21	ASSESSMENT	

Geography

Recommended Website Resources

- BBC Bitesize
- GCSE POD
- Oak Academy

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.
11/1/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.
18/1/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.
25/1/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.
1/2/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.
8/2/21	The Human Environment Global Development	Complete the worksheets attached on Google Classroom using the PowerPoints provided. Your teacher will upload these every week. Please complete the white book pages indicated on Google Classroom. Use your work from last year to help you complete these to the best of your ability.

German

Recommended Website Resources

KS3/4-Google Classroom resources

www.classroom.thenational.academy/subjects-by-key-stage

www.memrise.com

Oak Academy

KS3/4-www.linguascope.com

- username: bsg
- password: Brentford5

KS4- www.bbc.co.uk/bitesize/subjects/

www.thisislanguages.com and then enter your details

www.classroom.thenational.academy/subjects-by-key-stage

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	FIT work and Technology	GC resources/Kapitel 4.5 and 4.6
11/1/21	Forms of transport , train tickets and directions	GC resources/Kapitel 5.1 and 5.3
18/1/21	Accommodation+problems	GC resources/Kapitel 5.2
25/1/21	Ordering food at a restaurant	GC resources/Kapitel 5.4
1/2/21	Shopping for souvenirs + einen/eine/ein	GC resources/Kapitel 5.5
8/2/21	Problems/ Revision all modules	GC resources/Kapitel 5.6/ Review PLC

Health & Social Care

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Primary care services & Secondary and tertiary care services	
11/1/21	Services for children and young people & services for older adults	
18/1/21	Services for children and adults with specific needs & physical barriers to access	
25/1/21	Sensory barriers to access and resource/financial barriers	
1/2/21	Review of learning	
8/2/21	Coursework	

History

Recommended Website Resources

- <https://www.bbc.co.uk/bitesize/topics/zxgvfrd>
- <https://classroom.thenational.academy/units/elizabeth-i-meeting-the-challenge-1558-1588-8fc9>

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Assessment Religion	
11/1/21	The Religious settlement	
18/1/21	The Catholic threat	
25/1/21	The Puritan threat & exam questions	
1/2/21	Mary Queen of Scots	
8/2/21	Spanish Armada	

Maths

<p>10.1</p>	<p>Unit 9: Equations and Inequalities 9a. Solving Quadratic and Simultaneous Equations 9.1 Solving Quadratic Equations 1 9.2 Solving Quadratic Equations 2 9.3 Completing the squares 9.4 Solving simple simultaneous equations. 9.5 More simultaneous equations 9.6 Solving linear and simultaneous simultaneous Equations 9b. Inequalities 9.7 Solving Linear Inequalities</p> <p>Unit 10: Probability 10a. Probability 10.1 Combined events 10.2 Mutually exclusive events 10.3 Experimental Probability 10.4 Independent events and tree diagrams. 10.5 Conditional Probability 10.6 Venn Diagrams and set notation</p>	<p>Hegartymaths.com Video/Exercise links: 246, 233, 232, 231, 230, 241, 238, 242, 239, 259, 246, 195, 194, 193, 192, 191, 190</p> <p>Hegartymaths.com Video/Exercise links: 351, 352, 353, 358, 359, 356, 361, 362, 364, 365, 366, 367, 391, 388, 387, 386</p>	
<p>10.2</p>	<p>Unit 7: Area and volume 7a. Perimeter, area and circles 7b. 3D forms and volume, cylinders, cones and spheres 7c. Accuracy and bounds</p> <p>Unit 8: Transformations and constructions 8a. Transformations 8b. Constructions, loci and bearings</p>	<p>Hegartymaths.com Video/Exercise links: 516, 517, 518, 519, 539, 540, 541, 542, 543, 570, 571, 576, 577, 580, 581, 137, 138, 139</p> <p>Hegartymaths.com Video/Exercise links: 651, 652, 653, 654, 655, 656, 657, 938, 939, 940 674, 675, 676, 677, 678, 679, 492, 493, 494, 495, 496</p>	

10.3	<p>Unit 5: Equations, inequalities and sequences 5a. Equations 5b. Inequalities 5c. Sequences</p> <p>10a. Probability 10.1 Combined events 10.2 Mutually exclusive events 10.3 Experimental probability 10.4 Independent events and tree diagrams 10.5 Conditional probability 10.6 Venn diagrams and set notation Objectives</p> <p>Unit 8: Transformations and constructions 8a. Transformations 8b. Constructions, loci and bearings</p>	<p>Hegartymaths.com Video/Exercise links: 179, 180, 184, 185, 265, 266, 267, 198</p> <p>Hegartymaths.com 349- 382</p> <p>Hegartymaths.com 639-650</p> <p>674, 675, 676, 677, 678,679, 492, 493, 494, 495, 496</p>	
10.4	<p>Unit 6: Angles 6a. Properties of shapes, parallel lines and angle facts 6b. Interior and exterior angles of polygons</p> <p>Unit 7: Averages and range 7a. Statistics and sampling 7b. The averages</p>	<p>Hegartymaths.com Video/Exercise links: 179, 180, 184, 185, 265, 266, 267, 198</p> <p>Hegartymaths.com Video/Exercise links: 477-483</p> <p>Hegartymaths.com Video/Exercise links: 399-401, 417-423</p>	
10.5	<p>Unit 8: Perimeter, Area and Volume 8b. 3D forms and volume</p> <p>Unit 7: Averages and range 7a. Statistics and sampling 7b. The averages</p> <p>Unit 9: Graphs 9a. Real-life graphs 9b. Straight-line graphs</p>	<p>Hegartymaths.com Video/Exercise links: 829-831, 568 - 575</p> <p>404 - 417</p> <p>894,895 206, 207</p>	

Music

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Tuesday - Musical Styles - (Task 1.1a) Inception research	All work is in the YEAR 10 Music - Unit 201ta - Musical Knowledge Classroom. Lesson powerpoints will be saved under the topic (e.g. Song Analysis) - Lesson slides - [date of lesson]
11/1/21	Tuesday - Musical Styles (Task 1.1a) Significant artists research Thursday - Song Analysis - Choosing a song (Task 2.1)	
18/1/21	Tuesday - Musical Styles (Task 1.1a) Significant recordings etc. research Thursday - Song Analysis - Tempo and Tonality (Task 2.1)	
25/1/21	Tuesday - Musical Styles (Task 1.1a) Fashion/imagery research Thursday - Song Analysis - Instrumentation (Task 2.1)	
1/2/21	Tuesday - Musical Styles (Task 1.1a) Writing up Thursday - Song Analysis - Lyrical content(Task 2.1)	
8/2/21	Tuesday - Musical Styles (Task 1.1a) Writing up Thursday - Song Analysis - Production techniques (Task 2.1)	

PE

Recommended Website Resources

- Seneca Learning
- GCSE Pod
- BBC Bitesize

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Skeletal System	Skeletal System
11/1/21	Joint Types	Joint Types
18/1/21	Synovial Joints	Synovial Joints
25/1/21	Muscular System	Muscular System
1/2/21	Types of Movement	Types of Movement
8/2/21	Planes of Movement	Planes of Movement

Photography

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	New Topic check in	New Topic
11/1/21	1st/2nd research page	New Topic
18/1/21	Response to photographer - shoot	N/A
25/1/21	Present contact sheet/small outcomes	Present
1/2/21	Editing Process – present in Powerpoint	Example
8/2/21	Present final examples	Example

RE**Recommended Website Resources**

- You Tube
- GCSE Pod
- BBC Bitesize
- The National Academy
- Oak Academy

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	10 Obligatory Acts / Shahadah	https://classroom.thenational.academy/lessons/ten-obligatory-acts-crrket?step=2&activity=video https://classroom.thenational.academy/lessons/shahadah-6gu68c?step=1&activity=video
11/1/21	Salah 1 & 2	https://www.truetube.co.uk/film/muslim-prayer https://classroom.thenational.academy/lessons/salah-part-1-6hhp8d?step=2&activity=video https://classroom.thenational.academy/lessons/salah-part-2-6gwk8t?step=2&activity=video
18/1/21	Sawn / Zakah	https://www.truetube.co.uk/film/great-british-ramadan https://classroom.thenational.academy/lessons/zakah-c4v3ce?step=2&activity=video https://classroom.thenational.academy/lessons/sawm-6nh38r?step=2&activity=video
25/1/21	Hajj / Eid	https://www.truetube.co.uk/film/eid-ul-fitr
1/2/21	DP3 / Jihad	https://classroom.thenational.academy/lessons/jihad-74v3ed?step=2&activity=video
8/2/21	Eid al Adha / Ashura	https://classroom.thenational.academy/lessons/festivals-65k6cc?step=2&activity=video

Science

Recommended Website Resources

- GCSEpod
- BBC Bitesize
- www.Freesciencelessons.com

Please find the appropriate schedule for your specific class

Year 10.1

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	SC8 Acids and Alkalis Acids, alkalis and indicators Looking at acids Bases and salts	SC8 Acids and Alkalis Acids, alkalis and indicators Looking at acids Bases and salts
11/1/21	SC8 Acids and Alkalis Alkalis and balancing equations Core practical- Investigating neutralisation Alkalis and neutralisation Reactions of acids with metals and carbonates Solubility	SC8 Acids and Alkalis Alkalis and balancing equations Core practical- Investigating neutralisation Alkalis and neutralisation Reactions of acids with metals and carbonates Solubility
18/1/21	SC9 Calculations Involving Masses Masses and empirical formula Conservation of mass Moles	SC9 Calculations Involving Masses Masses and empirical formula Conservation of mass Moles
25/1/21	SC10 Electrolytic processes Electrolysis Core practical- Electrolysis of copper sulfate solution Products from electrolysis	SC10 Electrolytic processes Electrolysis Core practical- Electrolysis of copper sulfate solution Products from electrolysis
1/2/21	SC11 Obtaining and Using Metals Reactivity Ores Oxidation and reduction Life cycle assessment and recycling	SC11 Obtaining and Using Metals Reactivity Ores Oxidation and reduction Life cycle assessment and recycling
8/2/21	SC12 Reversible Reactions and Equilibria Dynamic Equilibria SC13 transition metals, alloys and corrosion	SC12 Reversible Reactions and Equilibria Dynamic Equilibria SC13 transition metals, alloys and corrosion

Year 10.2 / 10.4 / 10.5

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	CP5 Light and Electromagnetic Spectrum Electromagnetic waves Core practical- Investigating refraction The Electromagnetic spectrum	CP5 Light and Electromagnetic Spectrum Electromagnetic waves Core practical- Investigating refraction The Electromagnetic spectrum
11/1/21	CP5 Light and Electromagnetic Spectrum Using long wavelengths Using short wavelengths EM radiation dangers	CP5 Light and Electromagnetic Spectrum Using long wavelengths Using short wavelengths EM radiation dangers
18/1/21	CP6 Radioactivity Atomic models Inside atoms	CP6 Radioactivity Atomic models Inside atoms
25/1/21	CP6 Radioactivity Electrons and orbits Background radiation Types of radiation	CP6 Radioactivity Electrons and orbits Background radiation Types of radiation
1/2/21	CP6 Radioactivity Radioactive decay Half-life Dangers of radioactivity	CP6 Radioactivity Radioactive decay Half-life Dangers of radioactivity
8/2/21	Topic consolidation Test	Topic consolidation Test

Year 10.3

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	CB4 Natural Selection and Genetic Modification Evidence of human evolution Darwin's theory Classification	CB4 Natural Selection and Genetic Modification Evidence of human evolution Darwin's theory Classification
11/1/21	CB4 Natural Selection and Genetic Modification Breeds and varieties Genes in agriculture and medicine	CB4 Natural Selection and Genetic Modification Breeds and varieties Genes in agriculture and medicine
18/1/21	Test as well as CB5 Health, Disease, and the Development of Medicines Health and disease	Test as well as CB5 Health, Disease, and the Development of Medicines Health and disease
25/1/21	CB5 Health, Disease, and the Development of Medicines Non-communicable disease Cardiovascular disease Pathogens	CB5 Health, Disease, and the Development of Medicines Non-communicable disease Cardiovascular disease Pathogens
1/2/21	CB5 Health, Disease, and the Development of Medicines Spreading pathogens Physical and chemical barriers The immune system	CB5 Health, Disease, and the Development of Medicines Spreading pathogens Physical and chemical barriers The immune system
8/2/21	CB5 Health, Disease, and the Development of Medicines Antibiotics	CB5 Health, Disease, and the Development of Medicines Antibiotics

Textiles

Week Beginning	Topics Covered	Resources
4/1/21	Artist research- Moy Mackay	Moy Mackay research
11/1/21	Oil pastel drawing- Moy Mackay	Moy Mackay research
18/1/21	Artist Research – Alison Whateley	Alison Whateley research
25/1/21	Paper and card collage	
1/2/21	Patchwork, applique and hand embroidery piece	
8/2/21	Patchwork, applique and hand embroidery piece	