

Year 8 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 your daughter would like to explore subjects beyond this guidance the following websites 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

Contents Page

Subject	Pages
Art	3
BLOSSOM	3
Drama	4
English	4
French	5
Geography	6
German	7
History	7
Maths	8-10
Music	11
RE	11
Science	12
Technology	13-15

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	Introduction to Typography (research and timeline)	Tasks and resources labelled and dated on Google Classroom
11/1/21	Create a double page of hand drawn letters (min of four)	Tasks and resources labelled and dated on Google Classroom
18/1/21	Create a Letter with a style you choose	Tasks and resources labelled and dated on Google Classroom
25/1/21	Write a word using the style you created	Tasks and resources labelled and dated on Google Classroom
1/2/21	Bunting Week 1 - Create design	Tasks and resources labelled and dated on Google Classroom
8/2/21	Bunting Week 2 – Add colour	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	Careers	Year 8 Careers Presentation- Lesson 1
11/1/21		Year 8 Careers Presentation- Lesson 2
18/1/21		Year 8 Careers Presentation- Lesson 3
25/1/21		Year 8 Careers Presentation- Lesson 4
1/2/21		Year 8 Careers Presentation- Lesson 5
8/2/21		Year 8 Careers Presentation- Lesson 6

Drama

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Genre: https://www.bbc.co.uk/bitesize/guides/zmn9382/revision/1	See topic
11/1/21	Genre https://www.bbc.co.uk/bitesize/guides/zqtgq6f/revision/1	See topic
18/1/21	Genre: Woman In Black https://www.bbc.co.uk/bitesize/guides/zsjh4j6/revision/1 https://www.youtube.com/watch?v=eu2RxLOzgkc	See topic
25/1/21	Genre: Themes of Horror https://www.bbc.co.uk/bitesize/guides/zwk239q/revision/1	See topic
1/2/21	Genre	See topic
8/2/21	Genre: Creating atmosphere https://www.youtube.com/watch?v=qa2Acw8yPol https://www.youtube.com/watch?v=giSizE-IYao	See topic

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 areas on Google Classroom.

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Non-Fiction Writing	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		

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

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	New Year's resolutions	GC resources
11/1/21	On fait la fête	GC resources
18/1/21	Une drôle de famille / revision	GC resources
25/1/21	Revision for assessment/ Review PLC	GC resources
1/2/21	ASSESSMENT/FIT	
8/2/21	Places in the town	GC resources

Geography

Recommended Website Resources

- BBC Bitesize
- GCSE POD
- Oak Academy

Week Beginning	Topics Covered	Links for students to use.
4/1/21	What are the factors that affect climate?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/what-are-the-factors-that-affect-climate-crt3gc
11/1/21	Why does it rain?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/why-does-it-rain-6cupct
18/1/21	How do air masses influence the climate of the UK?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/how-do-air-masses-influence-the-climate-of-the-uk-68wp8e
25/1/21	How do high pressure events affect the UK?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/how-do-high-pressure-events-affect-the-uk-crukct
1/2/21	How do low pressure events affect the UK?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/how-do-low-pressure-events-affect-the-uk-74t32r
8/2/21	What was the 'Beast from the East'?	Complete tasks in your green exercise book. https://classroom.thenational.academy/lessons/what-was-the-beast-from-the-east-c8tkcd

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

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Places in town + 'es gibt'	GC resources/Kapitel 5.1
11/1/21	'Ich möchte' + buying souvenirs	GC resources/Kapitel 5.2
18/1/21	Buying snacks and drinks + revising numbers 1-100	GC resources/Kapitel 5.3
25/1/21	Future plans + future tense	GC resources/Kapitel 5.4
1/2/21	Revision and multi-skill practice	GC resources/Kapitel 5.5/ Review PLC
8/2/21	ASSESSMENT	

History

Recommended Website Resources

- <https://www.bbc.co.uk/bitesize/topics/z4crd2p/resources/1>
- <https://classroom.thenational.academy/units/how-far-did-the-assassination-cause-the-first-world-war-f270>

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Sarajevo Causes of World War One	
11/1/21	Recruitment Trenches	
18/1/21	Christmas Truce War poetry	
25/1/21	Women and World War One Part 1 Women and World War One Part 2	
1/2/21	Revision Usefulness Question	
8/2/21	Assessment Trench project	

Maths

8.1	<p>Unit 2 Working with powers 2a. Simplifying expressions 2b. More simplifying 2c. Expanding and simplifying 2d. Substituting and solving</p> <p>Unit 3: 2D shapes and 3D solids 3a. Plans and elevations 3b. Surface area of prisms 3c. Volume of prisms 3d. Circumference of a circle 3e. Area of a circle 3f. Cylinders 3g. Pythagoras' theorem</p> <p>Unit 7: Equations 7a. Solving one-step equations 7b. Solving two-step equations 7c. More complex equations 7d. Trial and improvement</p>	<p>Hegartymaths.com Video/Exercise links: 157,158,159,160,161 189,278,279,287</p> <p>Hegartymaths.com Video/Exercise links: 569,571,572,573,574,575 534-543 498-504</p> <p>Hegartymaths.com Video/Exercise links: 179-186</p>	
8.2	<p>Unit 8: Multiplicative reasoning 8a. STEM: Metric and imperial units 8b. Writing ratios 8c. Sharing in a given ratio 8d. Proportion 8e. Proportional reasoning 8f. Using the unitary method</p> <p>Unit 9: Perimeter, area and volume 9a. Triangles, parallelograms and trapeziums 9b. Perimeter and area of compound shapes 9c. Properties of 3D solids 9d. Surface area 9e. Volume 9f. STEM: Measures of area and volume</p> <p>Unit 10: (Delta 1) Sequences and Graphs 10a. Sequences 10b. Nth term 10c. Pattern Sequences 10d. Co-ordinate and line segments 10e. Straight line graphs</p>	<p>Hegartymaths.com Video/Exercise links: 329, 330, 331, 332, 333, 334, 339, 340, 341</p> <p>199, 691, 695, 696, 698, 700 739, 329, 330, 331, 332, 333, 334 84, 85</p> <p>Hegarty Maths 548-550 553-559 829-831</p> <p>618-621 639, 648, 649, 656, 657</p> <p>Hegartymaths.com Video/Exercise links: 196, 197, 198 199, 200 205, 206, 207</p>	

8.3	<p>Unit 6: Decimals and Ratio 6a. Ordering decimals and rounding 6b. Place-value calculations 6c. Calculations with decimals 6d. Ratio and proportion with decimals 6e. STEM: Using ratios</p> <p>Unit 7: Lines and Angles 7a. Quadrilaterals 7b. Alternate angles and proof 7c. Geometrical problems 7d. Exterior and interior angles 7e. Solving geometric problems</p> <p>Unit 8: Calculating with fractions 8a. Adding and subtracting fractions 8b. Multiplying fractions 8c. Fractions, decimals and reciprocals 8d. Dividing fractions 8e. Calculating with mixed numbers</p>	<p>Hegartymaths.com Video/Exercise links: 45, 46, 17, 56, 130, 134</p> <p>42, 43, 47</p> <p>481 560-564</p> <p>66 68,69 52,71,73-76,82,149 70 63,80</p>	
8.4	<p>Unit 9 Sequences and graphs 9a. Sequences 9b. Pattern sequences 9c. Coordinates 9d. Extending sequences 9e. Straight-line graphs 9f. Position-to-term rules</p> <p>Unit 10: Transformations 10a. Congruency and enlargement 10b. Symmetry 10c. Reflection 10d. Rotation 10e. Translation and combined transformations</p> <p>Unit 1 a-d: Number 1a. Calculations 1b. Calculating with negative integers 1c. Powers and roots 1d. Powers, roots and brackets</p> <p>Unit 1 1e.: Number 1e. Multiples and factors</p>	<p>Hegartymaths.com Video/Exercise links: 196, 197, 198, 199, 919</p> <p>206-213</p> <p>Hegartymaths.com Video/Exercise links: 642, 643, 644, 645, 646 827 639, 648, 649, 656, 657</p> <p>Hegartymaths.com Video/Exercise links: 135, 136, 148, 24, 44</p> <p>39, 40, 41, 42, 43 173, 174, 101 31, 32, 33, 34, 35</p>	

8.5	<p>Unit 2: Shapes and measures in 3D 2a. 3D solids 2b. Nets of 3D solids 2c. Surface area 2d. Volume 2e. Working with measures</p> <p>Unit 3: Statistics 3a. Data collection sheets 3b. Interpreting bar charts 3c. Drawing bar charts 3d. STEM: Pie charts</p> <p>Unit 4: Expressions and equations 4a. Simplifying expressions 4b. Functions 4c. Solving equations 4d. Using brackets</p>	<p>Hegartymaths.com Video/Exercise links: 638-654</p> <p>Hegartymaths.com Video/Exercise links: 41-51, 330</p> <p>Hegartymaths.com Video/Exercise links: 829-836</p>	
8.6	<p>Unit 1: Number Properties and Calculations 1.1 Adding and subtracting with larger numbers 1.2 More Calculations 1.3 Negative Numbers 1.4 STEM: Writing Ratios 1.5 Using ratios to solve problems 1.6 Multiplicative reasoning</p> <p>Unit 2: Shapes and Measures in 3D 2.1 3D Solids 2.2 Nets of 3D Solids 2.3 Surface Area 2.4 Volume 2.5 Working with Measures</p>	<p>Hegartymaths.com Video/Exercise links: 894,895,199</p> <p>Hegartymaths.com Video/Exercise links: 4,6,21,144,5,11,145,146 and 27-28</p>	

Music

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Intro to Bandlab 1	[Lesson date] - Resources for our lesson
11/1/21	Intro to Bandlab 2	
18/1/21	KS3 - Composing your song 1 - Rhythm	
25/1/21	KS3 - Composing your song 2 - Chords	
1/2/21	KS3- Composing your song 3 - Bass	
8/2/21	KS3 - Composing your song 4 - Melody	

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	Introduction to Equality	
11/1/21	Racism	
18/1/21	DP3	
25/1/21	Gender	
1/2/21	Poverty	https://www.truetube.co.uk/film/pauls-story-how-i-became-homeless https://www.truetube.co.uk/film/crisis-christmas
8/2/21	Religion	

Science

Recommended Websites to use

- GCSEpod
- BBC Bitesize
- www.Freesciencelessons.com

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Air pollution Global warming	Air pollution Global warming
11/1/21	Reducing pollution Assessment	Reducing pollution Assessment
18/1/21	Seeing things Light on the move	Seeing things Light on the move
25/1/21	Drawings and conventions Reflection	Drawings and conventions Reflection
1/2/21	Refraction Cameras and eyes	Refraction Cameras and eyes
8/2/21	Colour Invisibility cloaks	Colour Invisibility cloaks

Technology - Please follow the Subject in Your Rotation for this Half Term

Graphics

Website recommended to use:

- Google slides
- Google search
- Pinterest (if possible)

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	8X – Typography Insects 8Y – NO LESSON	Typography Insect Task
11/1/21	8X – Lesson 1: Create project title page – varied magazine genres / create mind map of different genres 8Y: Lesson 2: Analyse magazine cover / mood board of chosen genre	(not uploaded yet)
18/1/21	8X: Lesson 2: Analyse magazine cover / mood board of chosen genre 8Y: Lesson 3: Identify typography categories / Analyse 5 typefaces / Choose magazine name and create design idea plan	(not uploaded yet)
25/1/21	8X: Lesson 3: Identify typography categories / Analyse 5 typefaces / Choose magazine name and create design idea plan 8Y: RANKIN Artist research and response / Design idea plan	(not uploaded yet)
1/2/21	8X: RANKIN Artist research and response / Design idea plan 8Y: Using plan – create mood board of images to help draw design ideas / Begin drawing design ideas	(not uploaded yet)
8/2/21	8X: Using plan – create mood board of images to help draw design ideas / Begin drawing design ideas 8Y: Begin/continue drawing design ideas for magazine covers	(not uploaded yet)

ICT

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	N/A no lesson P.6&7 Thursday	
11/1/21	How to Research -Sift through information online - Organise research in documents and folders- Collate a (simple) bibliography	Lesson 2 Researching in ICT
18/1/21	How to avoid death by Powerpoint / Google slides - Recall the basic rules for powerpoints - Compare and assess the quality of different powerpoint slides- Make a Powerpoint (following the basic rules)	Lesson 3 Using Powerpoint in ICT
25/1/21	How to work with Excel / Google sheets - Input data and format it- Complete calculations in spreadsheets e.g. SUM, AVERAGE- Make graphs and charts using data	Lesson 4 Using spreadsheets in ICT
1/2/21	How to use publisher - Explain the design cycle - Use various features in publisher - use publisher to create basic leaflets / flyers	Lesson 5 Using Publisher ICT
8/2/21	Project work: Raising awareness - use their research skills to learn about a relevant topic (from a list) - implement their skills in publisher to have created a leaflet - evidence their use of the design cycle	Lesson 6 Raising Awareness ICT

Textiles

(8Y)

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	Finishing the book cover and Evaluation	Final making
11/1/21	Introduction, health and safety and mind map (Nature book cover project)	Introduction powerpoint
18/1/21	Hand embroidery – learning different embroidery stitches Homework – Artist research – Alison Holt	How to embroider
25/1/21	Hand Applique – simple applique and turned applique Homework – Artist research – Kirsten Chursinoff	How to do turned edge applique
1/2/21	Patchwork – How to create Mixed media patchwork Homework – Artist research- Lisa Mattock	How to do mixed media patchwork
8/2/21	Quilting – How to produce a quilting sample Homework – Artist research – Jane LaFazio	How to Quilt

(8X)

Week Beginning	Topics Covered	Names of Powerpoints on Google Classroom (if known)
4/1/21	No lesson	
11/1/21	Hand embroidery – learning different embroidery stitches Homework – Artist research – Alison Holt	How to embroider
18/1/21	Hand Applique – simple applique and turned applique Homework – Artist research – Kirsten Chursinoff	How to do turned edge applique
25/1/21	Patchwork – How to create Mixed media patchwork Homework – Artist research- Lisa Mattock	How to do mixed media patchwork
1/2/21	Quilting – How to produce a quilting sample Homework – Artist research – Jane LaFazio	How to Quilt
8/2/21	Block printing – How to produce a simple poly block print – introduction to repeat patterns Homework – Artist Research –	