

Working From Home Independent Learning tasks

Subject: **Design and Technology**

Year group	Sites for learning tasks
7	<p><u>Food</u> What is enzymic browning? Watch the following video. https://www.youtube.com/watch?v=gbArE5dv0W4 What is the eat well guide? Watch the following video. https://www.youtube.com/watch?v=7MIE4G8ntss Draw your own eat well guide based on what you ate the day before. Which section of the eat well guide does each item of food you ate fit into?</p> <p><u>Textiles</u> Follow this link the 'the national oak academy' fibres lesson. Complete the lesson. https://classroom.thenational.academy/lessons/fibres-to-fabric-6djk6c?activity=video&step=2</p> <p><u>DT</u> Complete the activities on the following link about mechanisms. https://technologystudent.com/cams/camdex.htm</p>
8	<p><u>Food</u> Watch the following video about multicultural foods. https://www.youtube.com/watch?v=jgsOgUwLWKM Carry out further research into foods from different cultures and create a fact sheet.</p> <p><u>Textiles:</u> Watch the following loom video and write a fact file about each surface decoration technique. https://www.loom.com/share/d286a10779d640d6b6a0dffe4429e239</p> <p><u>Electronics</u> Click on the following link below and complete some of the tasks about resistors https://technologystudent.com/elec1/resist1.htm</p> <p><u>DT</u> Click on the following link and complete the exercise about the fret saw and coping saw</p>

	<p>https://technologystudent.com/equip1/fretsw1.htm https://technologystudent.com/equip1/coping1.htm</p>
9	<p>Food What is the eat well guide? Watch the following video. https://www.youtube.com/watch?v=7MIE4G8ntss Draw your own eat well guide based on what you ate the day before. Which section of the eat well guide does each item of food you ate fit into? What labelling should be on food packaging by law? https://www.youtube.com/watch?v=OZOIEYQ0axo Draw out some of the labels and state what they mean. Textiles: Click on the link and complete the lesson about technical textiles https://classroom.thenational.academy/lessons/technical-textiles-69gp2d Construction Watch the appropriate vide depending on how far you have progressed through the project: https://www.loom.com/share/a7c9f93cba5046e0872892375ef3463d?sharedAppSource=personal_library https://www.loom.com/share/de076991dd0d46eb88673481b95b399f?sharedAppSource=personal_library https://www.loom.com/share/4395c3dd78574ec7ab9616c841aaae3c?sharedAppSource=personal_library https://www.loom.com/share/193c72cb813d401a9b40bd906b0af5a5?sharedAppSource=personal_library https://www.loom.com/share/b48f4b7a4adc429da2573fe15f8c2c63?sharedAppSource=personal_library https://www.loom.com/share/67a7a67e868c4f66907e1c339907d4fc?sharedAppSource=personal_library DT These videos will help you with 2D design. You will be using this software during your sweet dispenser and night light project. https://www.loom.com/share/de9c9b0d0c4b450988840476b7fc9e43?sharedAppSource=personal_library https://www.loom.com/share/4baeb492418c42cfa2ec9bf94ec8a55a?sharedAppSource=personal_library https://www.loom.com/share/b677e6860b004eca81230d2755535d26?sharedAppSource=personal_library</p>
10	<p>DT: Complete the mini project below. This will teach you a range of skills that you will need during your Design and Technology NEA. https://www.loom.com/share/7c9f3ea7b1ef423fab5d231b06eb912c?sharedAppSource=personal_library https://www.loom.com/share/dbd89c3ea6a34bb5b76db935b6c355e9?sharedAppSource=personal_library</p>

https://www.loom.com/share/18dd934f464f4c38afb8e360eef5b372?sharedAppSource=personal_library
https://www.loom.com/share/90aa40c130ee4939bd5eb53591c88376?sharedAppSource=personal_library
https://www.loom.com/share/de9c9b0d0c4b450988840476b7fc9e43?sharedAppSource=personal_library
https://www.loom.com/share/4baeb492418c42cfa2ec9bf94ec8a55a?sharedAppSource=personal_library
https://www.loom.com/share/b677e6860b004eca81230d2755535d26?sharedAppSource=personal_library

Textiles:

Go to ddedu.co.uk/dt-gcse and use your personal login from your pocket sized revision guide. Complete the revision for Textiles (focussing on knitted fabrics)

Also complete the electronic systems section as this is the next topic we will be studying.

Food Preparation and Nutrition:

Practical activities – Please use Class charts to see which practical we will be carrying out and then complete this at home and upload a photograph.

<https://senecalearning.com/en-GB/> - Log in and continue to work through the tasks on SENECA learning

<https://www.bbc.co.uk/bitesize/subjects/zdn9jhv>

<https://www.creativelearninglms.co.uk/> - Food Safety – Complete your level 2 Food safety certificate if you've not yet done so.

L1/2 Hospitality

Practical activities – Please use Class charts to see which practical we will be carrying out and then complete this at home and upload a photograph.

Please complete a page of information about the functions of ingredients of the dish made

Year 10 and 11 who have exams in January please use revision guides and worksheets on google classroom and class charts to work through revision tasks.

<https://www.bbc.co.uk/bitesize/subjects/zdn9jhv>

L1/2 Construction:

Depending on your progress complete the following work for Unit 1 Health and Safety.

https://www.loom.com/share/b4ff8c85f0dc4479867ff0797225e232?sharedAppSource=personal_library

https://www.loom.com/share/0fa70b8e94384ce89a129f33fee014fa?sharedAppSource=personal_library

https://www.loom.com/share/05e48b53ea7a4edd82a5c27ce2888066?sharedAppSource=personal_library

https://www.loom.com/share/82c68bdb108448b87422b2513edf6eb?sharedAppSource=personal_library

https://www.loom.com/share/5298b06091e347bc83f2c207e769e6ab?sharedAppSource=personal_library

	<p>Motor Vehicle: Unit ref: L1mv03 Applying engineering techniques in an automotive environment www.nationalgeographic.co.uk/video/tv/car-sos</p>
C11	<p>DT Go to ddedu.co.uk/dt-gcse and use your personal login from your pocket sized revision guide. Work through the revision and quizzes on this website.</p>
	<p>Graphics Continue to work on your Unit 2 work. You need to design a holiday poster for a City break in the style of 1 or 2 of your chosen famous graphic designers.</p>
	<p>Textiles: Go to ddedu.co.uk/dt-gcse using your pocket sized revision guide to log on. Email hsmith@bidefordcollege.org to find out which section to complete.</p>
	<p>Food Preparation and Nutrition: NEA Coursework - Continue with NEA work – check Class charts for more information https://www.bbc.co.uk/bitesize/subjects/zdn9jhv https://senecalearning.com/en-GB/ - Log in and continue to work through the tasks on SENECA learning</p>
	<p>L1/2 Hospitality: Revise the topics provided on the exam revisions document on the website and use revision guides provided Year 11 also can continue with Unit 2 coursework found on google classroom. IF you have already passed the exam.</p>
	<p>L1/2 Construction: Revise Roles of the Health and Safety Executive, Hazards and Control Measures P25 - 49</p>
	<p>Motor Vehicle: Compression ignition and Spark Ignition Engine System Components and Operation. How to service the air filter and fuel filter. www.nationalgeographic.co.uk/video/tv/car-sos</p>
	<p>Product Design: Email sdavies@bidefordcollege.org to request the PGonline resources by email.</p>

13

Textiles:

Continue any NEA work that you are working on. Email hsmith@bidefordcollege.org if you need help with this.

Product Design:

Email sdavies@bidefordcollege.org to request the PGonline resources by email.

NB If you are 'stuck' on a task, please email your subject teacher (all email addresses are on the college website [here](#))