

Week:	w/c 1st June 2020
Year Group:	Year 9

Subject	Core Task	Creative Task	Feedback/Assessment
English	Please go to your Showbie English classes for Language and Literature where your teacher will set you a task for each subject.	Watch this clip and summarise the key ideas about A Christmas Carol on a single side of A4: https://www.youtube.com/watch?v=cTHAN3_P7uE	Please upload your work to Showbie. Your teacher will feed back on your work through Showbie too.
Maths	Foundation Hegartymaths tasks - these will be set by your usual maths teacher. A minimum of 3 tasks per week should be completed. Watch the video first for explanation.	Begin to make your own revision flash cards, these will be helpful for your future revision, it should include: <ul style="list-style-type: none"> • Any formulae • A worked example • A brief explanation (not too much) • A question to test yourself Start with the topics of adding, subtracting, multiplying and dividing fractions	Instant feedback will be given by Hegartymaths - teachers will also be checking this to respond to questions and offer help.
	Higher Hegartymaths tasks - these will be set by your usual maths teacher. A minimum of 3 tasks per week should be completed. Watch the video first for explanation.	Begin to make your own revision flash cards, these will be helpful for your future revision, it should include: <ul style="list-style-type: none"> • Any formulae • A worked example • A brief explanation (not too much) • A question to test yourself Start with the topics of surds and combinations (number of ways an event can happen)	Instant feedback will be given by Hegartymaths - teachers will also be checking this to respond to questions and offer help.

<p>Biology</p>	<p>B1. Cell structure and Transport</p> <p>You need to be able to explain how the main sub-cellular structures, including the nucleus, cell membranes, mitochondria, chloroplasts in plant cells, and plasmids in bacterial cells are related to their functions.</p> <ul style="list-style-type: none"> • Draw and label a fully annotated plant and animal cell. Explain the functions of each sub cellular structure. • Explain how we look at the sub cellular structures. Give diagrams and name the examples. • What is the equation for magnification? Can you rearrange this mathematically? <p>Compare and contrast the magnification and resolution obtained by using light and electron microscopes.</p> <p>https://www.youtube.com/watch?v=GuY0n7-zfds&list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnlC&index=4</p> <p>https://www.youtube.com/watch?v=EAoeI2gXBRg&list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnlC&index=5</p>	<p>Answer the question ‘Wipe Out’. Imagine that I told you all bacteria should be killed so no more exist on earth. Discuss the fact that bacteria can be pathogens and cause disease; but the vast majority are harmless, and some are even useful (e.g., decomposers, those that make medicines and food). Write down what problems you are likely to face?</p> <p>Discuss your ideas to create a Quality Written Communication piece of work in the extended style of a ‘6 mark’ answer (10 marks and 4 marks for spelling, punctuation and grammar).</p> <p>https://www.youtube.com/watch?v=Bh_2hXZGIS8</p> <p>https://www.businessinsider.com/what-happens-if-microbes-disappear-2016-5?r=US&IR=T#all-microbial-diseases-would-vanish-1</p>	<p>Upload your core or creative task to Showbie. Class codes can be found here: https://bit.ly/showbiecodes Your teacher will mark and give feedback on Showbie.</p> <p>Complete sections 1.1.3 Animal & Plant Cells, 1.1.4 Differentiation & Bacterial Cells, 1.1.8 and 1.1.9 Microscopy of your Biology: Year 9 content assignment on SENECA.</p>
<p>Chemistry</p>	<p>https://www.youtube.com/watch?v=ka6o5VCPRF8 https://www.youtube.com/watch?v=gIMtFj2gPs8</p> <p>Mixtures can be separated by physical processes such as <i>filtration, crystallisation, simple distillation, fractional distillation</i> and <i>chromatography</i>.</p> <ul style="list-style-type: none"> • Describe and explain each process in your own words and for each process give an example of a mixture that could be separated. You could use diagrams to help with your explanations. 	<p>https://www.youtube.com/watch?v=Yf-WhHZuqes</p> <p>Produce a history of the atom / atomic structure <i>timeline</i>.</p>	<p>Upload your core or creative task to Showbie. Class codes can be found here: https://bit.ly/showbiecodes Your teacher will mark and give feedback on Showbie.</p> <p>Complete sections 1.1.3 Mixtures and 1.1.4 Model of the Atom of your Chemistry: Year 9 content assignment on SENECA.</p>

<p>Physics</p>	<p>P1: Energy Changes & Conservation Core Task</p> <p>Describe, for the common situations below, the energy changes, which take place when the types of energy stored in a system change.</p> <p>To do this you will need to find out and research the 9 different types of energy.</p> <p>Remember to explain the ‘Law of Conservation of Energy’ in each case and what happens to the wasted energy.</p> <ul style="list-style-type: none"> • an object projected(thrown) upwards • a moving object hitting an obstacle • an object accelerated by a constant force • a vehicle slowing down • an electric kettle boiling water. <p>https://www.bbc.co.uk/bitesize/guides/z8hsrwx/revision/1</p>	<p>Descriptive Writing Task</p> <p>Write detailed descriptions and explanations for two of the situations below: Answers should be illustrated & in the form of a 6-mark answer in your own words.</p> <p><i>Why do the wheels of a bike get very hot when braking hard?</i></p> <p><i>Which type of car is more efficient – petrol or electric?</i></p> <p><i>How is the gravitational potential energy store of an object increased?</i></p> <p><i>Why does a flow of electrons along a wire allow bulbs to light and motors to spin?</i></p> <p><i>Can energy be created or destroyed?</i></p> <p><i>What is meant when people say, ‘energy is lost’?</i></p> <p><i>How can we reduce the amount of energy being wasted by a machine?</i></p> <p>https://www.bbc.co.uk/bitesize/guides/z8hsrwx/revison/1</p>	<p>Upload your core or creative task to Showbie.</p> <p>Class codes can be found here: https://bit.ly/showbiecodes</p> <p>Your teacher will mark and give feedback on Showbie.</p> <p>Sets 1 – 3: Complete sections 1.1.1 Energy Stores to 1.1.3 Energy Transfers of your Physics: Year 9 content assignment on SENECA.</p> <p>Sets 4 – 6: Complete sections 1.1.1 Energy Stores to 1.1.4 Energy Transfers of your Physics: Year 9 content assignment on SENECA.</p>
<p>Geography</p>	<p>Map skills (using the Week 6 map in the geography area of the VLE)</p> <ol style="list-style-type: none"> 1. Give the 4-figure grid reference for the James Steel Park. 2. Give the 6-figure reference for Sunderland stadium. 3. Which urban zone is found at grid reference 39, 58? 4. Name one coastal landform shown on the map. 5. “The land around the motor works at 33, 58 is ideal for industrial development” To what extent do you agree with this statement? (6) 	<p>Choose 1 or more of the following tasks:</p> <ol style="list-style-type: none"> 1. Use the Digimap for schools website to plan a route around your local area, include grid references and key features that you would pass. 2. Create a short quiz on symbols from OS maps and their meanings, test somebody at home or a friend online. 	<p>Upload your finished work to the Showbie. You will receive a score out of 10 for the core task with feedback.</p> <p>You will receive feedback on your creative tasks.</p>

<p>History</p>	<p>Native Americans (Information Sheet and Worksheet) Read through information on Native Survival and detail the key roles of each individual in the tribe. Then look at all the elements of how natives survived on the Great Plains. Complete the diamond 9 grid, where you will decide what the most important elements of Native survival was. Explain why you have chosen to put the survival element in each stage of the grid.</p>	<p>Importance question, A01/A02. Explain the importance of the Buffalo for Native survival. (8 marks)</p>	<p>Upload your work to the Year 9 page on Showbie – Showbie code for Year 9 is FQVDA</p> <p>One of the history team will give you feedback here</p>
<p>Modern Languages</p>	<ol style="list-style-type: none"> Complete this week's task on https://www.pearsonactivelearn.com/app/Home. Make sure that you make a note of any unfamiliar or new vocabulary and phrases. Complete the worksheet – FRENCH “un bon ami”/ SPANISH “¿Adonde vas de vacaciones?” 	<p>Create a mind map of all the phrases and vocabulary from the first year 9 topic French – “friends and family” Spanish – “holidays”</p>	<p>Upload your worksheet to Showbie (creative tasks can also be uploaded here) Showbie codes can be found on the VLE Home Learning Hub 2020: https://bit.ly/Y9MFL</p>
<p>Art & Design</p>	<p>You need to go to Showbie for individually set work to support you on your still life assignment. All work links to the homework sheet still life.</p>		<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device. If you have not joined your class yet, find the code to join your class at these links- you will need to log in for it to show you the codes! Art & Textiles: https://bit.ly/Art-Textiles</p>
<p>Textiles</p>	<p>Drawing plants/flowers from direct observation or photography using watercolour and ink. Use the step-by-step guide on Showbie to support you to draw and paint flowers and plants, in the style of the artist Cas Holmes. Ideally, you will need paper, 2B pencil, watercolour palette and a fine liner. Please let Mrs Gidney know if this equipment is not available at home so an alternative can be discussed: lgidney@kettlethorpe.wakefield.sch.uk You have 2 weeks to complete this task.</p>		<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device. If you have not joined your class yet, find the code to join your class at these links- you will need to log in for it to show you the codes! Art & Textiles: https://bit.ly/Art-Textiles</p>

<p>Design & Technology</p>	<p>Theory topics - Developments in new materials. https://www.bbc.co.uk/bitesize/guides/zfq8jty/revision/1</p> <p>Use the BBC Bitesize links, learn and revise key topics. Take part in online quizzes to see how you have been learning and remembering. Use the revision booklets, the booklets are split into chapters to help you out. https://vle.kettlethorpe.wakefield.sch.uk/course/view.php?id=424#section-19</p>	<p>Iconic designers in technology and design</p> <p>As part of your knowledge for the GCSE DT exam you need to be aware of the different designers who are famous and have made a significant contribution to the design in the world. Use the PowerPoint presentation link on the VLE link below to access the work. Work should be presented on the attached border sheet in the PowerPoint itself. You have two weeks for this homework. https://vle.kettlethorpe.wakefield.sch.uk/course/view.php?id=424#section-19</p>	<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device. If you have not joined your class yet, find the code to join your class at these links- you will need to log in for it to show you the codes! DT: https://bit.ly/DShow2</p>
<p>Graphic Design</p>	<p>Typography</p> <p>Read through and follow instructions / tasks on the pdf document (Week 6 typography Task 1 Help). This is an introduction to typography, which should refresh the knowledge you already have from lessons earlier in the year.</p>	<p>Week 6 Typography Task 1</p> <p>Follow all instructions on the task sheet to find and analyse different typefaces / fonts and appropriate uses.</p>	<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device. If you have not joined your class yet, find the code to join your class at these links- you will need to log in for it to show you the codes! DT: https://bit.ly/DShow2</p>
<p>Hospitality & Catering</p>	<p>Complete the week 1 questions on the powerpoint, which can be found on showbie. You can create your own PP with question and answers so you can then print it out and keep for revision. Watch the videos on GCSE Bitesize, there is a slide explaining which ones you should watch. Watch these before attempting to answer the questions. Due in 5th June.</p>	<p>Optional: There is the Kettlethorpe recipe book uploaded – you can use this to keep practising your practical skills – take photos and let us see what you are doing. It is always important, where you can, to keep practising and challenging yourself to make and present dishes, sweet and savoury. Think about how it would be presented for service in a restaurant – show us how you’d do it, research images and have a practise.</p>	<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device. If you have not joined your class yet, find the code to join your class at these links- you will need to log in for it to show you the codes! DT: https://bit.ly/DShow2</p>

<p>Computer Science</p>	<p>1.7 System software This work will be set for you on Showbie and will require you to answer various questions on the topic of systems software.</p> <p>Don't forget to upload this work onto Showbie for feedback. Make sure that you go over the notes prior to attempting the questions and treat like the real exam.</p>	<p>Download Python from https://www.python.org/</p> <p>Using the Little Book of Algorithms complete challenge 1 and 2.</p> <p>Extension Activity Can you create a program that takes a list (array) of grades and finds the highest grade.</p>	<p>Feedback will be given by your teacher on Showbie.</p> <p>Showbie codes:</p> <table border="1" data-bbox="1617 290 2047 450"> <tr> <td data-bbox="1617 290 1897 370">9CS1 (Wed and Fri group)</td> <td data-bbox="1897 290 2047 370">8GZJE</td> </tr> <tr> <td data-bbox="1617 370 1897 450">9CS2 (Tues and Thur group)</td> <td data-bbox="1897 370 2047 450">7VFHB</td> </tr> </table>	9CS1 (Wed and Fri group)	8GZJE	9CS2 (Tues and Thur group)	7VFHB
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<p>ICT Creative Media</p>	<p>Lesson recap 2 worksheet This work will be set on Showbie and will focus on recapping areas of the course that we have already covered in lesson. This will help us to retain this information for future use in exams and classwork.</p> <p>Do not forget to upload this work onto Showbie so I can give you feedback.</p>	<p>Photoshop Image Hunt</p> <p>Find 5 images in your house that you believe to be edited using a computer. Describe each image and how/why you think it has been edited in the way it has.</p>	<p>Feedback will be given by your teacher on Showbie.</p> <p>Ensure your completed work is uploaded to our class on Showbie.</p> <p>Our Showbie class code can be found in our area on the VLE https://vle.kettlethorpe.wakefield.sch.uk/mod/resource/view.php?id=16397</p>				
<p>GCSE Media</p>	<p>Video game industry: Fortnite Media Industry and Audience Assignment details are in our Showbie Classroom. Core tasks are gaming experience and Fortnite research questions</p>	<p>Create your own mind map/knowledge organiser using notes form the Set product fact sheet- these are available via our Showbie classroom. This can be as creative as you wish using: images, border, charts, and graphs. You can submit this electronically or hand drawn</p>	<p>Feedback will be given by your teacher in Showbie. Our class codes are on the VLE https://vle.kettlethorpe.wakefield.sch.uk/mod/resource/view.php?id=16399</p>				

<p>GCSE PE</p>	<p>The Respiratory System – Revision - Mind-Map</p> <p>Complete the mind-map, which can be found on Showbie or follow the link using the ‘respiratory system’ knowledge organiser to help you, if needed.</p> <p>Knowledge Organisers</p>	<p>Log onto SENECA and answer questions on the respiratory system. Remember to use Edexcel GCSE PE.</p>	<p>Upload your work to Showbie using the codes.</p> <p>Showbie class codes for PE are here: https://bit.ly/PEShowbie</p> <p>Note- you will need to sign into the VLE for the codes to download to your computer</p>
<p>Sport Studies</p>	<p>Y9 Work – Learning Outcome 1</p> <p>Link to Checklist</p> <p>Using the checklist, complete Parts 1 - 4 of the learning outcome. This includes: terrestrial TV, satellite TV, pay-per-view and newspapers.</p>	<p>Pick your favoured media outlet from the ones you have written about, and try to watch / read / listen about an area of sport that you are interested in. This can be present, or a piece of media from the past.</p>	<p>Upload your work to Showbie using the codes.</p> <p>Showbie class codes for PE are here: https://bit.ly/PEShowbie</p> <p>Note- you will need to sign into the VLE for the codes to download to your computer</p>
<p>Outdoor Pursuits</p>	<p>Y9 Work – Learning Outcome 1</p> <p>Link to Checklist</p> <p>Using the checklist, complete Parts 1 - 4 of the learning outcome. This includes: a definition of OAA, Water sports, Trekking and Camping. Each of the activity areas has subsections, and these all need completing as separate paragraphs.</p>	<p>Pick your favoured activity from the ones you have written about and do some more research into how you could give this a try in the future.</p>	<p>We are now using Showbie. Upload your work to Showbie using the codes.</p> <p>Showbie class codes for OP are here: https://bit.ly/PEShowbie</p> <p>Note- you will need to sign into the VLE for the codes to download to your computer</p>
<p>Dance</p>	<p>Select a stimulus from the list:</p> <ol style="list-style-type: none"> 1. An image or photograph that makes you smile 2. One or more items of stationery 3. A rainbow 4. An interaction with someone or something 	<p>Improvise and create a motif for 4 of the ideas listed in your mind map.</p> <p>Decide which choreographic intent you are going to base your solo choreography on in the upcoming weeks.</p>	<p>Take a picture of your mind map and upload this on to Showbie so Miss Mills can see your idea – highlight the idea which you would like to use for your choreography</p>

	Mind map as many ideas as you can for each stimulus listed above. A list of ideas created by Miss Mills can be found on the solo choreography assignment on Showbie. Try to be creative – and do not just go for the obvious!		
Drama	<p>Open a PowerPoint document and call it 'Verbatim Theatre'.</p> <p>Go online and research what Verbatim Theatre is. Write out the information you have found on your PowerPoint.</p> <p>Research the key features of this theatre style. Add this to your PowerPoint.</p> <p>Add pictures to your PowerPoint slide showing examples of Verbatim Theatre.</p> <p>Upload this to the Year 9 GCSE Drama Showbie Account</p>	<p>This half term the creative tasks will focus on the London Riots in 2011. All resources can be found on the Year 9 GCSE Drama Showbie account. If you have not already added yourself into the group.</p> <p>Look at the image 'Monika Image' and then read her story 'Monika Facts'.</p> <p>Develop a short monologue showing how Monika felt after jumping from the burning building during the London Riots.</p> <p>Upload your monologue to Showbie.</p>	All feedback will be through Showbie.
Music	<p>1. Focus on sound can be found through my courses, music first on the VLE. Your username is your name followed by your surname. All one word, use capitals such as TomJones.</p> <p>Your password is Password17</p> <p>2. Soundtrap is found via at www.soundtrap.com You must use chrome. Your 'email' to log in is the same as your school computer login, and your password is Password17</p> <p>3. Noteflight is found through my courses, Noteflight on the VLE. It logs on automatically if you are signed into the VLE.</p>	<p>Composition</p> <p>Pop musicians - keep going with your composition that you started on Soundtrap last half term. Any problems, send us a message via Showbie. Invite your music teacher into the project (turquoise button top right next to loop).</p> <p>Classical musicians or those who read and write music well, please try doing a small composition using Noteflight instead this term.</p> <p>Performance</p> <p>If you have not yet done the solo performance, practice a piece of your choice on your chosen instrument (including voice) and then record it. Either</p>	<p>Upload your revision notes to the musicals Showbie assignment page, and we will send feedback.</p> <p>We will leave written feedback for your solo performance in Showbie/Soundtrap.</p> <p>We will send feedback for composition on Soundtrap or Noteflight, whichever you use.</p> <p>For all Showbie codes, please follow this link- https://bit.ly/ShowbieMusic You will probably have to log in to get the codes</p>

	<p>BBC Bitesize – Musical Theatre. Please read all information and do the quiz. Then make revision cards and upload your revision cards to the Musical Theatre assignment on Showbie.</p> <p>https://www.bbc.co.uk/bitesize/topics/z3dqhyc/articles/zbhqjhw</p> <p>Padlet log on to www.padlet.com/KHSMusic/Y9 and do 'Covid Listening Test 6'. Please only do the test once, and do it AFTER you have done the BBC Bitesize revision. Make a note of any questions you get wrong and see if you can research/improve in this area.</p> <p>Try this kahoot quiz: https://kahoot.it/challenge/06163169?challenge-id=330e8b80-9171-483f-84c2-f5f709d4f6c8_1590763335367</p> <p>Game PIN: 06163169</p>	<p>upload it to Showbie, or do as a new file on Soundtrap. Save the recording as 'Solo Performance 2, Y9'. You will need a microphone to do this (use a mic channel to record), so most of you are best to use your smartphone. You can use a backing if you like. If you use Soundtrap, invite your music teacher into the project (turquoise button top right next to loop). Once you have done and shared the recording, take a photo of your sheet music/tab/lyrics and upload on to Showbie for feedback. If you have already done your solo 2, work on your feedback over the next few weeks and then rerecord as solo 3.</p> <p>Enter the KHS Young Musician of the Year 2020 (optional but a great opportunity. This year, you do not even have to perform in front of anyone!). Class code on the VLE in home learning music section. Deadline for entries is Friday 5th June.</p>	<p>Link to class code for KHS Young Musician Competition: https://bit.ly/KHSMusicComp</p> <p>Note- you will need to sign into the VLE for the codes to download to your computer</p>
RE	<p>Equality of men and women in the family 1.2.7</p> <p>Read the 1.2.7 section from the textbook. Open and read the PowerPoint for lesson 40. Create your own set of notes on this section; you can present your work in any format that you choose. All instructions for this are on the PowerPoint. Then answer the GCSE questions C and D.</p>		<p>Please submit your work using Showbie www.showbie.com or by using the Showbie app on your device.</p> <p>If you haven't yet joined your Showbie class, please use this link to find it (you may need to login)- https://bit.ly/REShowie</p>

PSHE

Weekly updates of important information and advice regarding pupil safety and wellbeing, including optional activities to support personal development and mental health in connection with PSHE.

KS4 - <https://en-gb.padlet.com/squartermain/hjgr0s7ckx80kf52>

Password: KHSPSHE