



Year 10 curriculum: Term 5 week 5 – w/c 22nd June

This document presents a summary of the Year 10 curriculum for the forthcoming week. It has been created to give parents and carers, as well as students, a clear overview of what is expected in each subject. Students will not study each lesson in the curriculum due to the option process at GCSE:

- 1: Core subjects – all students will complete English and Mathematics work set. Students will study **either** French **or** Spanish and will study **either** Geography **or** History. If students have opted for Triple Science, they **will not** need to complete work set for Combined Science.
- 2: Triple Science – students should only complete work for Biology, Chemistry and Physics if they have opted for Triple Science. Otherwise, they should complete work for Combined Science.
- 3: Option subjects – students will study just **two of these subjects**, unless they have opted for Triple Science. Students with Triple Science on their timetable will have just one option subject.

The timetable below should be seen as a guide to follow to structure the working week, but as long as work is completed, students can choose to work on subjects, and at times, most convenient to the household. All assignments are due on Friday evening, although functionality to submit will extend to Sunday evening.

	Subject	Hours per subject/day
Monday	English, Maths, Science and either French or Spanish	1
Tuesday	One option subject and either Geography or History	2
Wednesday	English, Maths, Science and either French or Spanish	1
Thursday	One option subject and either Geography or History	2
Friday	English, Maths, Science and either French or Spanish	1

	Subject	Lesson focus	New knowledge / skills	Resource(s)	Assignment(s)
Core subjects¹	English	Read and explore Chapter 4,5 and 6 of Jekyll and Hyde.	An understanding of writer’s methods - structure and tension in the novella. To understand how to structure an essay response.	PowerPoint, J+H student booklet, knowledge organiser and Youtube (optional)	Seneca/Teams Quiz to consolidate knowledge of key chapters and writer’s methods.
	Mathematics	Measures of spread	Percentiles, deciles and standard deviation	PowerPoint, videos worksheets Quiz	Work through the PowerPoint and worksheets, then complete the quiz.
	Maths Band A 102, 103, 104	Percentages	revision	Pen Hegarty calculator	Lesson 1: Term 5 recap quiz (instructions on assignment) Lesson 2: 94, 95 Lesson 3: 96, 97, 98



Maths Band B 105, 106, 107, 107	Measures	Length, mass and time	Pen Hegarty calculator	Lesson 1: Term 5 recap quiz (instructions on assignment) Lesson 2: 691, 692, 693 Lesson 3: 709, 710, 711
Combined science	Lesson 1 – Ionic Bonding Lesson 2 - Electrolysis Lesson 3 – Practice Makes Perfect	Ions, ionic compounds and their properties. The process of electrolysis. The periodic table. Assessment on CP12-13	Narrated PowerPoints Online textbook (available at www.pearsonactivelearn.com) Question sheet "Forms" quiz-assessment Pen, Paper Scientific calculator. Optional: a different colour pen and a highlighter	PowerPoints are attached to the assignment for this week, there is one for each lesson which students should follow. For each lesson there are Q&As included in the PowerPoint and there is also a question sheet to complete and then mark.
French	Chosen theme 3 questions for general conversation in Speaking GCSE Exam	Answering 3 questions in French sent by Teacher on Monday Send answers back by Wednesday to be marked	Tutorial Reverso.com Knowledge organiser Mrs Price on Monday from 10-12 Class notes	Watch tutorial Answer the 3 questions Send to class teacher by Wednesday Once marked and returned. Learn and record the 3 questions and answers and upload on the assignment on Teams
French FCSE	Food and eating out	Food vocabulary Ordering and paying for food	-Narrated PowerPoint -Knowledge Organiser Unit 4 - https://www.bbc.co.uk/bitesize/guides/zjqtgwx/revision/1 -Language Nut	Watch the narrated powerpoint Do look/cover/say/write on going out section of Knowledge organiser Complete activities from BBC bitesize lesson Complete Term 5 Week 5 assignment and Language Nut
Spanish	GCSE Speaking- Chosen Theme questions.	Answering questions 10,11,12 in Spanish about their Chosen Theme.	-Narrated PPT. - Online bilingual dictionaries. - Knowledge Organiser. -Class notes	Lesson1: -Watch the W5 narrated PPT. -Translate the questions into English. -Answer the questions in Spanish. -Submit the answers by Wednesday. Lesson 2: - Practise the corrected answers. Focus on pronunciation/fluency. Lesson 3: - Voice record yourself. Upload recording to your Class - Teams- Assignment by Sunday.
Spanish FCSE	Food and Eating Out		Narrated powerpoint https://www.bbc.co.uk/bitesize/guides/zr8c7nb/revision/1 Knowledge organiser Unit 4 Language Nut	Watch the narrated powerpoint Do look/cover/say/write on going out section of Knowledge organiser Complete activities from BBC bitesize lesson



			Food vocabulary Ordering and paying for food		Complete Term 5 Week 5 assignment and Language Nut
	Geography	Can Development be measured?	Economic and social methods of measuring development.	Narrated PowerPoints (x2) Your geography folder.	Watch the teacher narrated PowerPoint and make notes on the strengths and limitations of the different development indicators. Answer the questions and use the model answer to check, add to and up-level your own.
	History	The role of individuals	Evaluate the role of 'individuals' in the 19 th century in developing medical understanding and treatment of disease.	Narrated PowerPoints (x2) Editable word document Video links – see editable word document	Watch the teacher narrated PowerPoint and make complete all activities on Pasteur, Tyndall and Koch and evaluate the role and contributions of each individual to developing medical understanding of disease.
Triple science ²	Biology	Transpiration	Explore the factors that affect transpiration.	Narrated PowerPoint and word document	Complete questions on word document
	Chemistry	Percentage Yield and Atom Economy	Calculate the percentage yield and atom economy for a react and explain its importance	Narrated whole class feedback on progress check from last week. Narrated PowerPoint of lessons. Pearson Active Learn online textbook	Narrated PowerPoint with questions from the Activelearn textbook. Worksheet for submission on Friday.
	Physics	Lesson 1: Review of test Lesson 2: Life cycles of stars	Describe the life cycle of a star from its birth in a nebula to its end as a dwarf star	Recorded live lesson. Narrated PowerPoint. Pearson Activelearn textbook pages 122 and 123.	Watch the recorded lesson when the teacher went through the test. Narrated PowerPoint with questions from the Activelearn textbook.
Option subjects ³	Business Studies	1.3 Cash Flow	Explain what Cash Flow is, how to calculate it and the impact of it on Businesses.	Discussion, explanation and demo of Break Even through teacher presentation and BBC Bitesize. Look into the impact of this on businesses.	<ol style="list-style-type: none"> 1. BBC Bitesize watch and make notes. 2. Create revision aid. 3. Complete the end of topic revision mat.
	ICT				
	Computer Science	2.3 - Robust Programs -	Software testing techniques –	- PowerPoint - Live lesson (also recorded)	Students are to complete Task 5 on OneNote which contains tasks about software testing.



	Software Testing	Iterative & Final testing.	- Coding demo - OneNote	
D&T	Beginning NEA and Theory tasks	Task analysis and client profile completed Specialist theory content being covered.	PPT Lesson and Q+A live lessons. Seneca link sent. PPT with tasks sent	NEA: Completion of Task analysis page and Client profile. Ensure interviews are completed, recorded and uploaded to the Portfolio. Theory Product Design: SENECA Quiz on Timbers. Textiles: The social and environmental impact of organic verses non organic textiles. Research and activity based learning.
NCFE ENGINEERING	Properties and characteristics of materials	-Define a range of material properties. -Explain how these properties affect the selection of materials when being used in engineering.	-Lesson power point -Workbook -Video clip -Word documents	Lesson 18. Work through the power point and tasks completing Page 38 of NCFE Engineering workbook. Lesson 19. Work through the power point completing page 39 of NCFE Engineering workbook.
Food Preparation & Nutrition	Food Science: Fats and Oils	How fats and oils react to food preparation, processing and cooking Food science processes – shortening, plasticity, aeration and emulsification	PowerPoint slides Live lesson (also recorded) Term 5 Food Science Booklet – saved in TEAMS in the 10C class files Digital or physical textbook https://illuminate.digital/aqafood/	Lesson 1: Theory 1. Complete fats and oils tasks in booklet 2. Answer exam style questions in booklet Lesson 2: Practical Watch the video on the PowerPoint and have a go at making hollandaise or complete shortbread investigation following the instructions on the PowerPoint. If unable to cook watch the video and write down the process for making hollandaise sauce and shortbread, identify the heat transfer methods and the food science processes.
Photography	To either catch up and complete all 4 developments with annotations or complete the extension task of development 5.	This is a catch-up week, where students are to ensure all 4 developments are completed and any feedback given is actioned. If	Narrated ppt	Complete 4 developments with annotation for marking of AO2 grade.



		<p>this is done, they can do the extension task of development 5.</p>		
Art	To create a second copy of their second artist.	To understand and recreate a copy of the second artist they have looked into.	Picture of example	Complete copy of second artist work.
Sport	Sport Leadership	To know the different types of leadership styles	Narrated powerpoint	<p>Students need to explain the three different leadership styles and link them to different leadership roles using real life examples:</p> <ul style="list-style-type: none"> • Democratic • Autocratic • Laissez-faire
Health & Social Care	Respiratory system disorders	To research 2 of the following respiratory system disorders: Asthma, Emphysema, Bronchitis, Pneumonia	Teacher powerpoint Independent research Guided Research document	Adding a new subheading titled 'Respiratory System Disorders' complete the write ups for 2 of the 4 named disorders. This write up must include signs, symptoms and methods of diagnosis.
Drama				
Media Studies	Paper 2 section a, question 5 skills: comparing media language and representations in two set texts.	To develop question 5 skills, building upon recent comparison work and improving to ensure a more consistent use of media language and interpretation of representations.	Teacher-led powerpoint. Teams Online document to be edited and submitted.	Compare media language in two magazine covers and develop into a full question 5 response (essay). Utilise the model response and response structure strip to ensure accurate style and development of ideas.