



Year 10 Spring Term Curriculum Plan 11th January

This document is designed to provide parents with an overview of the content of the curriculum that each department will be addressing over the next two weeks. Each department has provided information on the topics / content addressed, resources being used and information on tasks that will be assessed. If you have any queries, please direct these into the Leader of Learning on the email address below as a primary point of contact.

Communication Tools

Teachers will be sending activities home primarily through Google Classroom. All pupils have full access to the G Suite for Education tools through the **@pencoedtrehigh.co.uk** domain. This suite includes Google Classroom, Gmail, Google Drive, Google Docs, Google Slides, Google Sheets and much more. All pupils will have their own account and their username is constructed –

Firstinitialsurnameyearofarrival@pencoedtrehigh.co.uk

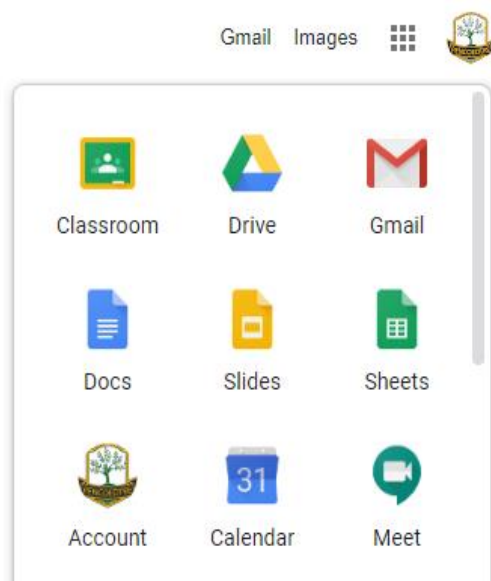
For example, Gareth Bale who is in the present Year 7 would have the username -

gbale20@pencoedtrehigh.co.uk

Upon first login, the pupils then create their own unique password. If they forget their password, then please email googlepasswordreset.phs@valelearning.com stating their name and form and one of our staff will reset their password.

What is Google Classroom?

Google Classroom is an online collaborative working environments for teachers and learners. Almost all lessons have a Google Classroom and staff post assignments, information and learning activities there for pupils to view and complete.



To access Google Classrooms students should:

- Log in to their school G-suite for Education account.
- They will see the 9 dot icon the right hand corner of the screen

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- By clicking this, students can access the full range of Google Suite for Education services including Google Classroom.
- All of the 'classrooms' a pupil has joined will then appear on screen. If all of their classes are not present there, then they can search for their Google class code on the school website ([click here](#)) looking for their teacher first followed by the class they're in.
- Google Classroom apps can also be downloaded for mobile devices and tablets and if push notifications are enabled, they will inform you of any new material or assignments as they are set.

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Timetable for subjects

We would strongly recommend that even though work will all be launched on the first Monday of the two weeks, pupils should attempt to undertake their work broadly in line with their school timetable. Following their school timetable will enable the pupils to complete the set activities and give them a wide subject experience.

However, we do recognise that is not always practical given the access to resources within the home and other additional factors. We have shared a blank timetable below that can be used to plan and support your sons / daughters should you require.

	Monday 1	Tuesday 1	Wednesday 1	Thursday 1	Friday 1
Core subject	English	Maths	Science	English	Maths
Subject 1					
Subject 2					
Wellbeing	Wellbeing	Wellbeing	Wellbeing	Wellbeing	Wellbeing

	Monday 2	Tuesday 2	Wednesday 2	Thursday 2	Friday 2
Core subject	Science	English	Maths	Science	Catch up
Subject 1					
Subject 2					
Wellbeing	Wellbeing	Wellbeing	Wellbeing	Wellbeing	Wellbeing

We are also promoting within the timetable a daily opportunity to complete a ‘wellbeing’ activity. It is vitally important that pupils take time during their day to look after their own their health and wellbeing. 30 mins to an hour undertaking some exercise / chatting with some friends or doing some mindfulness activities are really important for all of our pupils.

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Head of Year / Leader of Learning	Mrs C Dix	cdix@pencoedtrehigh.co.uk
Senior leadership link	Miss Davis	mdavis@pencoedtrehigh.co.uk
Date work set / Completion	11 th January	22 nd January

Year 10 - English

Topic overview	Language Writing Skills
Assessed tasks	All tasks (1-4) uploaded via Google Classroom
Resources	GCSE Pod – 3 x writing skills pod casts (less than 15 minutes total viewing) Google Classroom / internet access.
Feedback opportunities	Task 2 – writing response will be uploaded via GC and marked by class teacher.

Year 10 - Maths

Topic overview	Week 1: Solving a variety of equations Week 2: Use rounding to estimate answers, including rounding to decimal places and significant figures
Assessed tasks	Loom videos provided on Google Classroom with teacher explanations and tasks to complete. Hegarty Maths tasks assigned with a quiz to be completed.
Resources	Google Classroom Video Link Hegarty Maths – Student Login
Feedback opportunities	Pupils submit answers to assessed questions to be marked by teachers. Pupils can ask for support on the comments function of either Google Classroom or Hegarty Maths.

Year 10 – Double Award Science

Topic overview	Chemistry online lessons: Unit 1B Mixtures, filtration & distillation and Distillation Physics online lessons: Unit 2 Generating electricity Biology online lessons: Unit 1.4 The heart and circulatory
Assessed tasks	Chemistry online lessons: Unit 1B Mixtures, filtration & distillation and Distillation 19/01/21 Physics online lessons: Unit 2 Generating electricity exit quizzes Deadline 19/01/21 Biology online lessons: Google quiz set through Google Classroom and a summary revision activity also set through Google Classroom.
Resources	On Google Classroom: Chemistry: National Academy Online lessons, worksheets & Exit quizzes: Mixtures, filtration & distillation and Distillation Chemistry: Unit 1B Online Quiz 1: Mixtures, filtration & distillation and Distillation.

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	<p>Physics: National Academy Online lessons, worksheets & Exit quizzes: Energy transfers and efficiency</p> <p>Biology: National academy taught lessons to cover entire chapter– link on Google Classroom. Google quiz set through Google Classroom. PHS revision guide, GCP revision guide, topic specification/summary sheet, lesson PowerPoint</p>
Feedback opportunities	<p>Chemistry: Retrieval questions/worksheets with answers & Exit quizzes throughout lessons give instant feedback/show progression.</p> <p>Chemistry: Unit 1B Online Quiz 1: Mixtures, filtration & distillation and Distillation. Instant feedback per question and mark out of 20 - pupils will see which areas of the work they are secure in and which they need to work more on.</p> <p>Physics: National Academy Online lessons, worksheets & Exit quizzes: Energy transfers and efficiency throughout lessons give instant feedback/show progression</p> <p>Biology: Feedback from Google quiz will show pupils which areas of the work they are not as secure in. Self-assessment of summary revision activity will also expose areas of weakness that can be refined.</p>

Year 10 – Single Applied Science	
Topic overview	<p>Chemistry Online Lessons: Topic 1 Particles</p> <p>Physics:.2 Generating electricity</p> <p>Biology: 1.3.3. Transfer and Recycling of Nutrients</p>
Assessed tasks	<p>Chemistry: Particles Online Quiz B: Investigating changes in state, Gas pressure. Deadline 19/01/21</p> <p>Physics: Google quiz set through Google classroom.</p> <p>Biology: Google quiz set through Google Classroom.</p>
Resources	<p>On Google Classroom:</p> <p>Chemistry: National Academy Online lessons, worksheets & Exit quizzes: Investigating changes in state, Gas pressure, Pure & Impure substances and Separating Mixtures.</p> <p>Particles Online Quiz B: Investigating changes in state and Gas pressure</p> <p>Physics: National academy taught lessons to cover the entire course so far – link on Google Classroom. Google quiz set through Google Classroom.</p> <p>Biology: National academy taught lessons to cover the entire chapter – link on Google Classroom. Google quiz set through Google Classroom. Talk over PowerPoint to introduce key concepts.</p>
Feedback opportunities	<p>Chemistry: Retrieval questions/worksheets with answers & Exit quizzes throughout lessons give instant feedback/show progression.</p> <p>Chemistry: Particles Online Quiz B: Investigating changes in state and Gas</p>

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	<p>pressure. Instant feedback per question and mark out of 20 - pupils will see which areas of the work they are secure in and which they need to work more on.</p> <p>Physics: Feedback from Google quiz will show pupils which areas of the work they are not as secure in. Self-assessment/checking learning opportunities throughout the online lessons.</p> <p>Biology: Feedback from Google quiz will show pupils which areas of the work they are not as secure in. Talk over PowerPoint explains key concepts and checks for knowledge and understanding through staged activities</p>
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Year 10 – Triple Science Biology	
Topic overview	Unit 1.4 Heart and circulation
Assessed tasks	Google quiz set through Google Classroom and a summary revision activity also set through Google Classroom.
Resources	Biology: National academy taught lessons to cover entire chapter– link on Google Classroom. Google quiz set through Google Classroom. PHS revision guide, GCP revision guide, topic specification/summary sheet, and lesson PowerPoints.
Feedback opportunities	Biology: Feedback from Google quiz will show pupils which areas of the work they are not as secure in. Self-assessment of summary revision activity will also expose areas of weakness that can be refined.

Year 10 – Triple Science Chemistry	
Topic overview	Unit 1B Mixtures, filtration & distillation and Distillation Unit 2A Atomic structure and the Periodic table
Assessed tasks	Unit 1B Online Quiz 1: Mixtures, filtration & distillation and Distillation. Deadline 12/01/21 Unit 2A Online Quiz 2: Electron configuration and the Periodic table and Why elements react. Deadline: 19/01/21
Resources	On Google Classroom: National Academy Online lessons, worksheets & Exit quizzes: Mixtures, filtration & distillation and Distillation. Unit 1B Online Quiz 1: Mixtures, filtration & distillation and Distillation. National Academy Online lessons, worksheets & Exit quizzes: Electron configuration and the Periodic table and Why elements react. Unit 2A Online Quiz 2: National Academy Online lessons, worksheets & Exit quizzes: Electron configuration and the Periodic table and Why elements react.

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Feedback opportunities	<p>Chemistry: Retrieval questions/worksheets with answers & Exit quizzes throughout lessons give instant feedback/show progression.</p> <p>Chemistry: Unit 1B Online Quiz 1: Mixtures, filtration & distillation and Distillation. Instant feedback per question and mark out of 20 - pupils will see which areas of the work they are secure in and which they need to work more on.</p> <p>Unit 2A Online Quiz 2: National Academy Online lessons, worksheets & Exit quizzes: Electron configuration and the Periodic table and Why elements react. Instant feedback per question and mark out of 20 - pupils will see which areas of the work they are secure in and which they need to work more on.</p>
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Year 10 – Triple Science Physics	
Topic overview	online lessons: Unit 2 Generating electricity
Assessed tasks	<p>Physics online lessons: Unit 2 Generating electricity exit quizzes Deadline 19/01/21</p> <p>TAMS worksheet – making use of energy</p>
Resources	<p>Physics: National Academy Online lessons, worksheets & Exit quizzes: Energy transfers and efficiency</p> <p>TAMS worksheet – making use of energy</p>
Feedback opportunities	<p>Physics: National Academy Online lessons, worksheets & Exit quizzes: Energy transfers and efficiency throughout lessons give instant feedback/show progression</p> <p>TAMS mark scheme to self-assess</p>

Year 10 - Art	
Topic overview	Portfolio; 60% Final GCSE grade Natural Forms
Assessed tasks	<p>Miss Tucker’s class; Produce well presented research pages (double page at least) on the artist Karl Blossfeldt. Follow the power-point, Loom video and task sheet all on Google Classroom for guidance and support.</p> <p>Mrs Paulakis’s class;</p> <p>Work must be turned in on Google Classroom.</p> <p>Pupils must keep an eye on Google Classroom and regularly check for sessions with their class teacher via Google Meets.</p>
Resources	<p>Loom video, power-point, images and task sheet are on Google Classroom depending on class teacher.</p> <p>Pupils require paper and drawing materials.</p>
Feedback opportunities	Work must be turned in on Google Classroom for feedback and guidance on how it can be improved/developed.

Year 10 – Business Studies	
Topic overview	Unit 1 Entrepreneurial mindset
Assessed tasks	<p>Slideshow of independent tasks</p> <p>Describe the difference between a mindset and a skill – extended writing task</p>

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	Research how entrepreneurs manage risk
Resources	All resources, guidance, notes and support material are on the Google Classroom page. This will be updated as needed throughout the week.
Feedback opportunities	Feedback will be given at the end of unit review point in line with BTEC guidelines. Miss Kirker is available throughout the week for support and advice via email and Google classroom pages.

Year 10 - Drama	
Topic overview	TIE portfolio
Assessed tasks	There are questions to be answered on two sections Part A – Character analysis of the part you are playing in the piece Part B – What is the TIE/message/target audience Practically – you should also be perfecting your lines and rehearsing how you will deliver the lines. What movement, gesture, tone of voice, poses will you be using for each line. The acting style must be over the top and melodramatic. Keep rehearsing.
Resources	Portfolio question sheets are on google classroom with lots of tips to help the student.
Feedback opportunities	Miss Williams is available to give help on any work and will give feedback when the portfolio work is submitted.

Year 10 – Food & Nutrition	
Topic overview	Diet and Health
Assessed tasks	Complete the Seneca task on diet and health linked to google classroom
Resources	On line text book
Feedback opportunities	Feedback from class teacher

Year 10 - Geography	
Topic overview	Theme 2 rural urban issues
Assessed tasks	Google Form: Mumbai a global city of squatters
Resources	Google Classroom/ Google form
Feedback opportunities	Google Form self marking recap quiz

Year 10 - History	
Topic overview	The USA: A Nation of Contrasts c1910-1929: immigration.
Assessed tasks	Pupils to evaluate the following: <ul style="list-style-type: none"> • The reasons why people emigrated to the USA. • The reasons why Americans wanted to stop immigrants arriving in the USA. • How the USA restricted immigration.
Resources	Booklet (digital copy); loom videos; podcasts; PowerPoints; online 'surgeries' (time and date will be shared via Google classroom).
Feedback	Individual feedback on GCSE questions.

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opportunities	
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Factors affecting relationships Year 10 – Health and Social

Topic overview	Factors affecting relationships and the formal support available Aim: To distinguish between the various types of family. To understand how families can impact upon our growth and development.
Assessed tasks	Complete tasks 1 and 2 shared via google classroom and return for marking and feedback.
Resources	Activity sheets shared via google classroom. Use the internet to research the job roles under health, social and childcare. Give specific examples of how they may support an individual in one of the life stages.
Feedback opportunities	Feedback given via google classroom.

Year 10 - ICT

Topic overview	Advanced Spreadsheet Creation
Assessed tasks	Creation of the GCSE spreadsheet task
Resources	Video guide with step by step instructions Exemplar piece of work Evidence presentation
Feedback opportunities	Feedback and grading will be given on the evidence presented in pupil evidence presentations in line with GCSE assessment protocols.

Year 10 - Music

Topic overview	1)Musical Features of Popular Music: Chords and Harmony 2) Musical Features of Popular Music: Vocals
Assessed tasks	Listening Activities via google slides/Docs
Resources	Google Slides, Loom Video Explanation
Feedback opportunities	Feedback given via google classroom on submitted work

Year 10 – Product Design

Topic overview	Forming Plastic
Assessed tasks	There are five different plastic forming manufacturing processes below. Read through each one, look at the videos to help understand how they work and complete the quiz attached to each one to gauge how much you understand. Write up the following report on them using either paper or power point, word etc - Include the title of each process, the advantages and disadvantages and four images of what are made from that process
Resources	Word or power point, alternatively paper and pen!! Internet access
Feedback opportunities	Formal feedback based on knowledge of subject presentation of work and illustrative images included

Year 10 - Photography

Topic overview	PORTFOLIO (60% final GCSE grade) Object Photography Project
Assessed tasks	Pupils need to select 5-10 original photographs to edit using a variety of

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	<p>techniques using Pixlr. These include cropping, adjusting brightness and contrast, threshold, posterizing and de-saturating images. Pupils should end up with approximately 20 edits in total.</p> <p>Pupils need to save screenshots of their edits in progress to gain marks for AO3 (Reflective Re-ordering).</p> <p>Edits must be sent to class teacher for feedback.</p>
Resources	<p>Checklist and Loom Video's with step by step instructions are on Google Classroom.</p> <p>Pupils can use Pixlr on-line or via the app.</p>
Feedback opportunities	<p>Pupils must turn in their edits to gain feedback from their class teacher on how they can improve/develop their work.</p>

Year 10 – Public Services

Topic overview	Start of unit 2
Assessed tasks	Please attempt the assigned tasks on google classroom.
Resources	PowerPoints and worksheets on GC
Feedback opportunities	Assignments will be marked and returned with a grade (P1, P2, M2, D2)

Year 10 – Sport

Topic overview	Sports psychology
Assessed tasks	After watching the online lesson there is a worksheet on google classroom to be completed.
Resources	Loom video and worksheet
Feedback opportunities	Worksheets will be marked and returned digitally

Year 10 – Philosophy and Religion

Topic overview	<p>CORE: Unit 1 Christianity: Practices - Church and Prayer</p> <p>OPTION GROUP: Unit 1 Life and Death – Mock paper to sum up unit</p>
Assessed tasks	Pupils will need to work through the PowerPoint and booklet reading the information and answering the questions as they go along. If they watch the Loom videos, I will explain the tasks and go through the questions.
Resources	Loom videos, PowerPoints and work booklet posted on Google Classroom
Feedback opportunities	Pupils must submit their work via Google Classroom for marking. Can be done by completing the booklet online or writing them on paper and sending a picture.

Year 10 - Spanish

Topic overview	Technology and Social Media
Assessed tasks	Translation into English. GCSEPods questions.
Resources	Loom videos, GCSEPods website, worksheet
Feedback opportunities	Self-marking tests and feedback on translations.

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Year 10 - Welsh	
Topic overview	GCSE Grammar exercises
Assessed tasks	Translations on the Past tense
Resources	Worksheet on Google classroom
Feedback opportunities	Pupil work will be marked on Google classroom.