

Year 10

	9am - 11am	11am -1pm	1pm -3pm
Monday	Maths	Science	Geography/Computer Science
Tuesday	English	IT/Art	Engineering/Construction
Wednesday	English	Science	IT/Art
Thursday	Maths	Science	Engineering/Construction
Friday	PSHE	Geography/Computer Science	

Curriculum Plan

English

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	An Inspector Calls	Complete the exam paper on An Inspector Calls. Choose ONE of the questions and spend 45 minutes answering it. Pay attention to the theme or character mentioned in the question and address every bullet point given. Focus on the language used by Priestley and its intended effect on the audience. Include social and historical context.	Assessment file, shared to Teams - English - y10.	Exam-style paper on Teams to be completed by 4pm on Friday 24th April 2020.
27/04/2020	Power and Conflict Poetry and English Language, paper 1.	Seneca tasks on the following poems: Ozymandias, London, The Prelude . Seneca tasks on English Language, P1.	Tasks on Seneca.	Seneca tasks to be completed by 4pm Friday 1st May 2020.

05/04/2020	Power and Conflict Poetry and English Language, paper 1.	Seneca tasks on the following poems: My Last Duchess, The Charge of the Light Brigade and Exposure. Seneca tasks on English Language, P1.	Tasks on Seneca.	Seneca tasks to be completed by 4pm Friday 8th May 2020.
05/11/2020	Power and Conflict Poetry and English Language, paper 1.	Seneca tasks on the following poems: Storm on the Island, Bayonet Charge, remains. Seneca tasks on English Language, P1.	Tasks on Seneca.	Seneca tasks to be completed by 4pm Friday 15th May 2020.
18/05/2020	Power and Conflict Poetry and English Language, paper 1.	Seneca tasks on the following poems: Poppies, War Photographer, Tissue. Seneca tasks on English Language, P1.	Tasks on Seneca.	Seneca tasks to be completed by 4pm Friday 22nd May 2020.
25/05/2020	Power and Conflict Poetry and English Language, paper 1.	Seneca tasks on the following poems: The Emigree, Checking out me History, Kamikaze. Seneca tasks on English Language, P1.	Tasks on Seneca.	Seneca tasks to be completed by 4pm Friday 29th May 2020.

Maths

Set 1

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	Algebra skills and operations	1. Expand and simplify single brackets. 2. Solve equations with brackets. 3. Solve equations with x on both sides. 4. Solve equations with fractions.	TEAMS - Year 10 maths Mr. Tunney - Files -Algebra. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	Seneca Learning tasks and assignments
27/04/2020	Algebra skills and operations	1. Expanding double brackets. 2. Factorise expressions. 3. Factorise quadratic expressions. 4. Solve quadratic equations.	TEAMS - Year 10 maths Mr. Tunney - Files -Algebra. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	Seneca Learning tasks and assignments
05/04/2020	Inequalities and algebraic fractions	1. Inequalities on a number line. 2. Solve inequality equations. 3. Simplify algebraic fractions. Simplify harder expressions.	TEAMS - Year 10 maths Mr. Tunney - Files -Algebra. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	End of unit assessment - This is in Teams in the Algebra folder
05/11/2020	Probability	1. Calculating probability. 2. Two events. 3. Experimental probability. 4. Venn diagrams	TEAMS - Year 10 maths Mr. Tunney - Files -Probability. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	Seneca Learning tasks and assignments
18/05/2020	Probability tree diagrams and combined events	1. Tree diagrams. 2. Combined events. 3. Mutually exclusive events. 4. Independent events and conditional probability.	TEAMS - Year 10 maths Mr. Tunney - Files -Probability. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	1. Seneca Learning tasks and assignments. 2. End of unit assessment in the probability folder.

Maths Foundation

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	Averages and Range	1. Mean, median, mode and range. 2 Stem-and-Leaf diagrams. 3 Averages from a stem-and-leaf, 4 Mean from a frequency table	TEAMS - Year 10 maths Miss. Rice/Mr. Vyner - Files -Averages. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	Seneca Learning tasks and assignments
27/04/2020	Estimated Mean	1. Estimated mean.2 Median from a frequency table	TEAMS - Year 10 maths Miss. Rice/Mr. Vyner - Files -Averages. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks.	End of unit assessment - This is in Teams in the Averages folder. Complete the test and email to Miss Rice
04/05/2020	Perimeter and Area	1.Find the perimeter. 2 Area of a rectangle. 3. Area of a triangle, 4. Area of a parallelogram	TEAMS - Year 10 maths Miss. Rice/Mr. Vyner- Files -Perimeter and Area. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks	Seneca Learning tasks and assignments
11/05/2020	Area and Volume	1Area of a trapezium 2. Surface Area of cubes and Cuboids. 3. Surface Area of prisms. 4. Volume of cubes and cuboids.	TEAMS - Year 10 maths Miss. Rice/Mr. Vyner - Files -Area and Volume. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks	Seneca Learning tasks and assignments
18/05/2020	More Area and Volume	1. Volume of prisms 2. Solve problems involving volume.	TEAMS - Year 10 maths Miss. Rice/Mr. Vyner - Files -Area and Volume. In here you will find the instruction document for each lesson. There are short videos to watch, worksheets, answers and other tasks	1. End of unit assessment this is in teams in the Area and Volume folder. Complete the test and email to Miss Rice

IT

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	R082 - L01 - Investigating Digital Graphics	Produce a report which 1. Investigates how and why digital graphics are used in a range of sectors 2. Identifies the purpose of digital graphics	Please see the following from the files section on teams 1. The brief 2. The exemplar R082 work Every Tuesday morning a PowerPoint will be posted onto the team for the work that week	For Distinction you must 1. Produce a summary of how and why digital graphics are used, demonstrate a thorough understanding of the purpose of digital graphics. 2. Identify a wide range of file types and formats, which are consistently appropriate to digital graphics.
27/04/2020	R082 - L01 - Investigating Digital Graphics	Add to your report the following 1. Investigate how different purposes and audiences would influence the design and layout of digital graphics.	Please see the following from the files section on teams 1. The brief 2. The exemplar R082 work Every Tuesday morning a PowerPoint will be posted onto the team for the work that week	For Distinction you must 1. Demonstrate a thorough understanding of the connection between the properties of digital graphics and their suitability for use. 2. Demonstrate a thorough understanding of how different purposes and audiences influence the design and layout of digital graphics.
05/04/2020	R082 - LO2 - Planning your Graphic - Client and Target Audience	You need to: 1. Consider the client's requirements and how these are specified 2. Consider the target audience for the digital graphic 3. Decide on a visual style and composition of the digital graphic.	Please see the following from the files section on teams 1. The brief 2. The exemplar R082 work Every Tuesday morning a PowerPoint will be posted onto the team for the work that week	Distinction Criteria - 1. Produces an interpretation from the client brief which fully meets the client requirements. 2. Produces a clear and detailed identification of target audience requirements. 3. Clearly draws upon relevant skills/knowledge/understanding from other units in the specification.

05/11/2020	R082 - LO2 - Planning your Graphic - Creating a Work Plan	<p>You need to:</p> <ol style="list-style-type: none"> 1. Identify what activities must be completed to create the digital graphic 2. Estimate how long each activity will take 3. Identify the workflow sequence needed to create the digital graphic 4. Describe the assets and resources you will need to create the digital graphic. 	<p>Please see the following from the files section on teams</p> <ol style="list-style-type: none"> 1. The brief 2. The exemplar R082 work <p>Every Tuesday morning a PowerPoint will be posted onto the team for the work that week</p>	<p>Distinction Criteria</p> <ol style="list-style-type: none"> 1. Produces a clear and detailed work plan for the creation of the digital graphic, which is fully capable of producing the intended final product. 2. Identifies most assets needed to create a digital graphic, demonstrating a thorough understanding of their potential use. 3. Identifies most of the resources needed to create a digital graphic, demonstrating a thorough understanding of their purpose.
18/05/2020	R082 - LO2 - Planning your Graphic - Producing Ideas	<p>You need to</p> <ol style="list-style-type: none"> 1. Produce a visualisation diagram of the digital graphic. 	<p>Please see the following from the files section on teams</p> <ol style="list-style-type: none"> 1. The brief 2. The exemplar R082 work <p>Every Tuesday morning a PowerPoint will be posted onto the team for the work that week</p>	<p>Distinction Criteria</p> <ol style="list-style-type: none"> 1. Produces a clear and detailed visualisation diagram for the intended final product.
25/05/2020	R082 - LO2 - Planning your Graphic - Legal Restrictions	<p>You need to</p> <ol style="list-style-type: none"> 1. Explain any legal issues and restrictions that need to be considered when creating the digital graphic. 	<p>Please see the following from the files section on teams</p> <ol style="list-style-type: none"> 1. The brief 2. The exemplar R082 work <p>Every Tuesday morning a PowerPoint will be posted onto the team for the work that week</p>	<p>Distinction Criteria</p> <ol style="list-style-type: none"> 1. Demonstrates a thorough understanding of legislation in relation to the use of images in digital graphics.

Engineering

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	Understand the performance requirements of an engineered product	Written report You may find it helpful to add pictures of the engineered product which you can then annotate/refer to in your report Create a Technical specification for an engineered product - Dyson Vacuum Cleaner	PPT - Unit 2 Task one (found on Microsoft Office Teams) Worksheet- Vacuum Specification	Assignment Brief - Learning Aim A To achieve the criteria you must show that you are able to: Outline relevant basic and advanced specification criteria for an engineered product. Explain the importance of basic and advanced specification criteria for an engineered product
27/04/2020	Understand the performance requirements of an engineered product	Written report You may find it helpful to add pictures of the engineered product which you can then annotate/refer to in your report. Create a Technical specification for an engineered product -Washing Machine	PPT - Unit 2 Task one (found on Microsoft Office Teams) Worksheet- Washing Machine Specification	Assignment Brief - Learning Aim A To achieve the criteria you must show that you are able to: Outline relevant basic and advanced specification criteria for an engineered product. Explain the importance of basic and advanced specification criteria for an engineered product
05/04/2020	Selecting the right materials	Research Aluminium and Carbon Fibre. Present an argument to your company management team that carbon fibre presents a workable alternative to aluminium for wing panels. Complete the table below to compare the different properties of these materials to provide evidence for your argument.	PPT- Properties and Qualities, Worksheet 12_BTEC12_FIRST_ENG_U2_AS5_LAB	Completion of work sheet Learning Aim B, this will form the knowledge base needed for the Assignment Brief Learning Aim B
05/11/2020	Selecting the right materials	Watch the Build a 250cc Go Kart video. Task Design in detail the different parts of a Go Kart, with particular emphasis on the materials used and the properties these materials have.	PPT- Properties and Qualities, Worksheet 11_BTEC12_FIRST_ENG_U2_AS4_LAB Video- Build a 250cc Go Kart	Completion of work sheet Learning Aim B, this will form the knowledge base needed for the Assignment Brief Learning Aim B

<p>18/05/2020</p>	<p>Understand the selection of specific materials for use in the components that make up an engineered product</p>	<p>Give a brief description of two component parts in an engineered product · the name, properties and qualities of the materials the each component is made from · environmental impact details for the materials used, including extraction/ processing and disposal after their useful lifespan · details of alternative materials that could be used in the product</p>	<p>Assignment Brief Learning Aim B Unit Task B writing frame</p>	<p>Assignment Brief Learning Aim B- Describe the engineering properties, qualities and environmental impact of materials in two components of an engineered product and suggest alternatives. Evaluate the fitness for purpose of materials used in two components of an engineered product in relation to possible alternative materials making reference to properties, qualities, environmental impact and alternatives.</p>
<p>25/05/2020</p>	<p>Understand the selection of specific materials for use in the components that make up an engineered product</p>	<p>COMPLETION OF TASK: Give a brief description of two component parts in an engineered product · the name, properties and qualities of the materials the each component is made from · environmental impact details for the materials used, including extraction/ processing and disposal after their useful lifespan · details of alternative materials that could be used in the product</p>	<p>Assignment Brief Learning Aim B Unit Task B writing frame</p>	<p>Assignment Brief Learning Aim B- Describe the engineering properties, qualities and environmental impact of materials in two components of an engineered product and suggest alternatives. Evaluate the fitness for purpose of materials used in two components of an engineered product in relation to possible alternative materials making reference to properties, qualities, environmental impact and alternatives.</p>

Geography

W/C	Theme - Rivers	Tasks	Resources	Assessment
GCSE Geography - UK Physical Landscapes - Rivers				
20/04/2020	What are the processes of erosion and transportation?	1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics.	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 24th April 3.00pm.
27/04/2020	How is a waterfall formed?	1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics.	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 1st May 3.00pm.
05/04/2020	How are meanders and oxbow lakes created?	1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics.	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 8th May 3.00pm.
05/11/2020	What landforms do we find at the lower course of a river?	1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics.	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 16th May 3.00pm.

18/05/2020	What are the causes of river flooding?	<ol style="list-style-type: none"> 1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics. 	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 15th May 3.00pm.
25/05/2020	How can engineering reduce the risk of flooding?	<ol style="list-style-type: none"> 1.) Read through the PPT 2.) Watch the video links 3.) Complete worksheet online or make notes on paper 4.) Send work or photo of work to Mrs R via TEAMS. 5.) Complete weekly tasks on SENECA which revisit older topics. 	PPT and worksheet on TEAMS. All work will be set via an assignment at the start of each week.	Multiple choice quiz set via assignments on TEAMS. To be completed by Friday 22nd May 3.00pm.

Computer Science

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	Networks - What are Networks?	<ol style="list-style-type: none"> 1. Seneca Networks Introduction 2. Research task finding different networks across the world and looking at how people can communicate 3. Questions to complete in One Note 	<ol style="list-style-type: none"> 1. PowerPoint to be communicated 	<ol style="list-style-type: none"> 1. Questions in one note
27/04/2020	Networks - Types of Networks	<ol style="list-style-type: none"> 1. Video explaining the different types of Networks 2. Seneca Types of Network, Client Server and Peer to Peer model 3. Questions to complete in One Note 	<ol style="list-style-type: none"> 1. Video https://www.youtube.com/watch?v=Gpc6ygOmFXk 2. Seneca Quiz 	<ol style="list-style-type: none"> 1. Assess understanding through Seneca score 2. Questions in one note
05/04/2020	Networks - Wired vs Wireless	<ol style="list-style-type: none"> 1. Video - Craig and Dave explaining the difference between Wireless Networks and Wired 2. Seneca Network Hardware, WIFI 3. Questions to complete in One Note 	<ol style="list-style-type: none"> 1. Video - https://www.youtube.com/watch?v=BYQHw3-zh0I Seneca Quiz 	<ol style="list-style-type: none"> 1. Assess understanding through Seneca score 2. Questions in one note
05/11/2020	Networks - Topologies	<ol style="list-style-type: none"> 1. Video - Craig and Dave explaining the different Topologies 2. Seneca Topology 1 and Topology 2 3. Questions to complete in One Note 	<ol style="list-style-type: none"> 1. Video - https://www.youtube.com/watch?v=OxOPNMddAhw 2. Seneca Quiz 	<ol style="list-style-type: none"> 1. Assess understanding through Seneca score 2. Questions in one note
18/05/2020	Networks - Summary	<ol style="list-style-type: none"> 1. Seneca End of Topic Test 2. Students to produce a revision piece based on areas of weakness 	<ol style="list-style-type: none"> 1. Seneca Quiz 2. PowerPoint to be communicated 	<ol style="list-style-type: none"> 1. Assess understanding through Seneca score
25/05/2020	Networks - Assessment	<ol style="list-style-type: none"> 1. Exam Paper set through Forms 	<ol style="list-style-type: none"> Online Test 	<ol style="list-style-type: none"> Exam paper to be marked and returned to the students

Science

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	P6 Molecules and Matter	1. Work through chapter 6 from the blue Physics Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all P6 tasks.
27/04/2020	B7 Non-communicable diseases	1. Work through chapter 7 from the green Biology Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all B7 tasks.
05/04/2020	C6 Electrolysis	1. Work through chapter 6 from the red Chemistry Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all C6 tasks.
05/11/2020	P7 Forces	1. Work through chapter 7 from the blue Physics Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all P7 tasks.
18/05/2020	B8 Photosynthesis	1. Work through chapter 8 from the green biology Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all B8 tasks.

25/05/2020	C7 Energy Changes	1. Work through chapter 7 from the red Chemistry Trilogy Digital Textbook. 2. Complete the interactive homework tasks 1 and 2 on Kerboodle. 3. Complete the end of unit checkpoint interactive test on Kerboodle.	See kerboodle.com and the Study Plan in the Year 10 Science team for helpful video and web links!	Check your notifications on kerboodle.com and complete all C6 tasks.
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PSHE

W/C	Theme	Tasks	Resources	Assessment
20/04/2020	Staying Active	1. Write down up to 10 things you feel grateful for 2. Watch video on the importance of staying healthy 3. Each student will decide on an active programme of study for themselves	1. Active Coping Calendar 2. Video on staying active 2. List of online classes	1. What students are grateful for 2. A plan of activity for each student
27/04/2020	Staying Safe online	1. What are you currently doing to stay safe online? 2. Video on online persona 3. Students to write their own guide on how they will ensure they stay safe online during the extended period at home	1. True tube video - Me Myself and I https://www.truetube.co.uk/film/me-myselfie-and-i?tab=film	1. Students guide to online safety
05/04/2020	How to deal with Stress/Feeling down	1. How do you currently deal with situations when you feel stressed or anxious? 2. What is stress video? 3. Where can you get help if needed?	1. Video - The Stress Bag https://www.truetube.co.uk/film/stress-bag?tab=film	
05/11/2020	Cyber Security.	1. What could happen to your personal data online if you are not safe? 2. Barclays videos on Cyber Security 3. Reflect and write down 3 things that you need to do to ensure you are remaining secure online	1. https://www.youtube.com/watch?v=w2tW50CD6Aw	1. Students to reflect on what they need to do to stay safe

<p>18/05/2020</p>	<p>Looking out for others</p>	<ol style="list-style-type: none"> 1. Scenario task - What would you do in the situations listed? 2. Students to think about the benefits of helping others and reflect on how it is good for them and others 3. What are you going to do to help others in the future? 	<p>https://www.greenpeace.org/international/story/29371/11-simple-ways-to-care-for-each-other-during-the-covid-19-coronavirus-pandemic/</p>	<ol style="list-style-type: none"> 1. What are you doing to help others out?
<p>25/05/2020</p>	<p>Online Etiquette</p>	<ol style="list-style-type: none"> 1. Students to be given good and bad examples of how to behave online - they are to place them in to 2 columns. 2. Video regarding a poor digital footprint to be shown. 3. Students to identify how they need to ensure they are behaving appropriately online and set out an action plan 	<p>https://www.youtube.com/watch?v=OBg2YYV3Bts</p>	<ol style="list-style-type: none"> 1. Students to produce an action plan how they will behave online