

YEAR 10

From 31st January 2022

Subject

Lesson and Resources

Notes / Extension Task

CORE SUBJECTS

English Literature

Lesson 1: Who was King James I and how did he influence the play Macbeth?

[Introduction to Context](#)

Oak Academy: Historical context lesson 1:

<https://classroom.thenational.academy/units/macbeth-a8f1>

Lesson 2: How are the witches presented in the opening scene of Macbeth?

[Act 1 Scene 1](#)

Oak National academy: Lesson2 'The Witches'

<https://classroom.thenational.academy/units/macbeth-a8f1>

Lesson 3: How does Shakespeare shape an audience's view of Macbeth at the start of the play?

[3. LESSON THREE ACT ONE SCENE TWO](#)

Oak National academy: Lesson 3 'Shakespeare tragedy and the tragic hero.'

<https://classroom.thenational.academy/units/macbeth-a8f1>

Lesson 4: Big Question: What do the witches prophecy and how do Macbeth and Banquo react?

[4. LESSON FOUR ACT ONE SCENE THREE](#)

Oak National academy: Lesson 4 'The witches and the tragic hero.'

<https://classroom.thenational.academy/units/macbeth-a8f1>

Lesson 5: How does Shakespeare present the theme of good and evil in the play?

[4B ASSESSMENT 1 ACT1SC3 GOOD VS EVIL](#)

Oak National academy: Lesson 5 'Meeting Macbeth.'

<https://classroom.thenational.academy/units/macbeth-a8f1>

Lesson 6: How does Shakespeare present the theme of ambition in Act 1 scene 4?

[5. LESSON FIVE ACT ONE SCENE FOUR AND FIVE](#)

Oak National academy: Lesson 6 'Macbeth meets the witches.'

<https://classroom.thenational.academy/units/macbeth-a8f1>

Maths (Sets 3,4,5)	<u>Lesson 1</u> Displaying sets in venn diagrams HM: 372 and 373 Shading Sets in venn diagrams HM: 374, 375	<u>Notes:</u> For each lesson, find the relevant Hegarty Task using the search bar. <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <input type="text" value="Search HegartyMaths"/> </div> <p>You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question.</p> <p>When you have completed the Hegarty Task, click on the link to complete additional practice questions.</p> <p><u>Extension Tasks:</u> Probability Foundation Exam Practice Solutions</p>
	<u>Lesson 2</u> Venn diagrams for probability HM:383 and 384	
	<u>Lesson 3</u> Venn Diagram exam practice Venn Diagrams Exam Qs	
	<u>Lesson 4</u> Venn Diagrams further Exam Qs Venn Diagrams Solutions	
	<u>Lesson 5</u> Probability of more than 1 event HM: 358 and 359 Independent Events HM: 360 Independent Events	
	<u>Lesson 6</u> Probability Trees HM: 361 - 363 Tree Diagrams	
	<u>Lesson 7</u> Conditional Probability HM: 364 - 365 Conditional Probability	

Maths (Sets 1,2)	<u>Lesson 1</u> Displaying sets in venn diagrams HM: 372 and 373 Shading Sets in venn diagrams HM: 374, 375, 376 Counting sets using venn diagrams HM: 379	Notes: For each lesson, find the relevant Hegarty Task using the search bar. <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <input type="text" value="Search HegartyMaths"/> </div> You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question. When you have completed the Hegarty Task, click on the link to complete additional practice questions. Extension Tasks: Venn Diagrams Extra Venn Diagrams Solutions
	<u>Lesson 2</u> Venn Diagram exam practice Venn Diagrams Exam Qs Venn Diagrams further Exam Qs Venn Diagrams Solutions	
	<u>Lesson 3</u> Venn diagrams for probability HM: 383 -385	
	<u>Lesson 4</u> Probability of more than 1 event HM: 358 and 359 Independent Events HM: 360 Independent Events	
	<u>Lesson 5</u> Probability Trees HM: 361 - 363 Tree Diagrams	
	<u>Lesson 6</u> Conditional Probability HM: 364 - 367 Conditional Probability	
	<u>Lesson 7</u> Probability Equations Video Probability Equations Questions Probability Equations Solutions	

Science	<p>Photosynthesis Watch the following oak video and complete the activities: https://classroom.thenational.academy/lessons/photosynthesis-cnj36r</p>	<p>Seneca: Science – KS4 – Combined Science Biology: AQA GCSE Higher – 4.1 Photosynthesis - 4.1.1 Photosynthesis</p>
	<p>Required practical: Watch the following oak videos and complete the activities: 1. https://classroom.thenational.academy/lessons/photosynthesis-required-practical-cmrk4t 2. https://classroom.thenational.academy/lessons/photosynthesis-required-practical-results-c4tp4t</p>	<p>Seneca: Science – KS4 – Combined Science Biology: AQA GCSE Higher – 4.1 Photosynthesis - 4.1.2 Photosynthesis</p>
	<p>Rate and limiting factors: Watch the following oak videos and complete the activities: https://classroom.thenational.academy/lessons/limiting-factors-of-photosynthesis-crw68d HT also complete this: https://classroom.thenational.academy/lessons/manipulating-factors-of-photosynthesis-ht-ccwkjt Watch the following oak videos and complete the activities: https://classroom.thenational.academy/lessons/review-photosynthesis-6wvpat</p>	<p>Seneca: Science – KS4 – Combined Science Biology: AQA GCSE Higher – 4.1 Photosynthesis - 4.1.3 Photosynthesis AND 4.1.5 Exam-style questions (HT: Also 4.1.4 Grade 9 Photosynthesis experiment)</p>
	<p>Respiration: Watch the following oak videos and complete the activities: https://classroom.thenational.academy/lessons/respiration-71jpce</p>	<p>Seneca: Science – KS4 – Combined Science Biology: AQA GCSE Higher – 4.2 Respiration</p>
	<p>Please complete the Oak Academy Lesson on Drawing Electrical Circuits https://classroom.thenational.academy/lessons/drawing-electrical-circuits-c9hpc?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782</p>	<p>Retake Seneca until you have at least 80%. If you are aiming for top grades, why settle for less than 100%? If you have any questions then please email your teacher.</p>

Complete Seneca 2.1.1 Current

Please complete the Oak Academy Lesson on Charge and Current
https://classroom.thenational.academy/lessons/charge-and-current-64r36t?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782

Complete Seneca 2.1.2 Conductors

Please complete the Oak Academy Lesson on Potential Difference
https://classroom.thenational.academy/lessons/potential-difference-74tk4c?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782

Complete Seneca 2.1.3 Potential Difference

Please complete the Oak Academy Lesson on Electrical Resistance
https://classroom.thenational.academy/lessons/electrical-resistance-6wvk4t?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782

Complete Seneca 2.2.1 Resistance

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FOUNDATION SUBJECTS

Business Studies

Lesson 1 - Learning Aim C (Week A)

Using the same business as C1LAA and C1LAB – identify the specific needs of their customers. Try and answer the question, “why do people come to us?”

You will also need to do this for a second business so pick any other business you want and complete the same task.

This last piece of coursework for Component 1 looks at the factors that affect the success of the business. Customer needs and how they are met is one of those factors.

Identify (specifically) the needs of the businesses and how the businesses meet them.
You will need to do at least 3 customer needs
Type them up and then share with your teacher.

Lesson 2 – Investigating costs (Week A)

Use the powerpoint [Learning Aim C - Investigate the Factors](#)

Look at the costs that would definitely apply to your businesses and see how they would have affected the success of the business

<https://lookaftermybills.com/blog/average-gas-electric-bill-uk/>
<https://www.ofgem.gov.uk/publications/infographic-bills-prices-and-profits>

Primarily here you need to look at the utilities such as water, gas and electric. You will need to write a report to include 2 things:
1. What has happened in the last 3 years to these costs? Have they gone up or down?
How has it affected your business?

Lesson 3 – Investigating costs (Week B)

Use the powerpoint [Learning Aim C - Investigate the Factors](#)

Look at the costs that would apply to your businesses and see how they would have affected the success of the business

Similar to last lesson but you now need to focus on the other costs that are very specific to your business. Think about the costs that your business will pay, so for a Fish & Chip shop costs will include fish and potatoes.
You will need to write a report to include 2 things:
1. What has happened in the last 3 years to these costs? Have they gone up or down?
2. How has it affected your business?

	<p>Lesson 4 – Writing up your research (Week B) Complete the write up for the Internal factors affecting your business.</p> <p>For an example use the document called A - Exemplar for understanding the market</p>	<p>This must include all costs and how they have affected the success of your business.</p>
Computer Science	<p>Lesson 1 https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 1</p>	<p>Notes: Make notes from the PowerPoint. Complete the Knowitall Ninja quiz at the end.</p>
	<p>Lesson 2 https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 2</p>	<p>Extension task: Review all Knowitall Ninja questions.</p>
	<p>Lesson 3 https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 3</p>	
	<p>Lesson 4 https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 4</p>	
Drama	<p>Please email: f.hill@theregisschool.co.uk</p>	

Food	<p>Lesson 1: Making fresh pasta and carbonara practical lesson.</p> <p> Fresh pasta and carbonara.pptx</p>	<p>Students who are in school will be making fresh pasta and carbonara.</p> <p>If you are able/have permission, you could follow the recipe on slides 3 and 4. We would love to see photos of what you create!</p>
	<p>Lesson 2: Fats and their functions in food</p> <p> Fats and functions of fat for home learning.pptx</p> <p> Fats table for home learning.docx</p>	<ol style="list-style-type: none"> 1. Read through the powerpoint about fats. Pay particular attention to slides 6-16. 2. Use this information to complete the table in the attached word document.
	<p>Lesson 3: Preparing for NEA 1 practise investigation into fats.</p> <p> Fats - quiz for home learning.docx</p> <p> Fats - quiz for home learning answers.docx</p> <p> investigations.pptx</p>	<ol style="list-style-type: none"> 1. Revise fats knowledge from last lesson using the quiz in the word link. 2. Mark your work using the answers in the word link. 3. HYPOTHESIS: All fats will result in an identical result when making shortcrust pastry. Design a 'fair' test and recording process to assess whether this hypothesis is correct. The attached PowerPoint might help structure your thinking. This video may give you some hints: https://www.youtube.com/watch?v=UZ5ChKUTIJM
	<p>Lesson 4:</p>	<p>If you are able/have permission conduct the test you have designed. This should involve testing several fats in shortcrust pastry. Record your results in a similar layout to the PowerPoint slide from lesson 3.</p>

<p style="text-align: center;">French</p>	<p>Here is a link to the folder containing the PowerPoints we will be using in class this term. We have removed some activities, which would require a teacher (e.g. listen and repeat).</p> <p>Lesson 5 PowerPoint</p> <p>Lesson 6 PowerPoint</p> <p>Lesson 7 PowerPoint</p> <p>Lesson 8 PowerPoint</p>	<p>Notes:</p> <ol style="list-style-type: none">1. When you open the folder containing the lesson, you will see a PowerPoint and a word document. Complete the lesson activities on the PowerPoint, as you would in class.2. We have removed some activities, which would require a teacher (e.g. listen and repeat), so if you still have time, click on the fluency booklet word document and complete all activities. <p>Homework / Extension tasks:</p> <ol style="list-style-type: none">1. Quizlet. Join your Year 10 French group here: 10A/FR1 – https://quizlet.com/join/EjadrWh3S 10D/FR1 - https://quizlet.com/join/xxyZvvNUY2. Active Learn. Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.
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<p style="text-align: center;">Geography</p>	<p>Lesson 1 Lesson 9 - Energy Efficiency</p>	<p>Notes: For each PPT, go through each task and make notes at home. Then complete each scanned sheet from the Work Booklet.</p> <p>For lesson 4, we will be starting our new topic. You may find it useful to watch this lesson clip on Oak Academy to get you started on your learning: https://classroom.thenational.academy/units/major-landscapes-of-the-uk-4974</p>
	<p>Lesson 2 Lesson 10 - Cost and Benefit</p>	
	<p>Lesson 3 Lesson 11 - Contrasting Views</p>	
	<p>Lesson 4 (Lesson 1 of UK physical landscapes) Lesson 1 - Geology of the UK</p>	
<p style="text-align: center;">German</p>	<p>Here is a link to the folder containing the powerpoints we will be using in class this term. We have removed some activities, which would require a teacher (e.g. listen and repeat).</p> <p>Lesson 5 PowerPoint</p> <p>Lesson 6 PowerPoint</p> <p>Lesson 7 PowerPoint</p> <p>Lesson 8 PowerPoint</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. Complete the lesson activities on the powerpoint, as you would in class. 2. We have removed some activities, which would require a teacher (e.g. listen and repeat), so if you still have time, click on the fluency booklet and complete all activities. <p>Homework / Extension tasks:</p> <ol style="list-style-type: none"> 1. Quizlet. Join your Year 10 German group here: 10B/GE1 - https://quizlet.com/join/ZjEBhWRDb 10C/GE1 - https://quizlet.com/join/ccCc6v78w 10D/GE1 - https://quizlet.com/join/Nsgm7xnDX 2. Active Learn. Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.

<p>Health & Social Care</p>	<p>Lesson 1, 2, 3 & 4 – Coursework Completion</p> <p>The help sheets and the assignment briefs can be found here: P:\Subjects\Health & Social Care\BTEC tech year 10\Miss Lawrence</p> <p>This folder also contains the teacher powerpoints in case you have missed any lessons.</p>	<p>With the exam no over its time to refocus on your coursework</p> <p>You should spend these next 2 weeks making sure your coursework for Component 1 is complete and then shared with your teacher for marking.</p> <p>All the help sheets and guides can be found in the student share:</p>
<p>History</p>	<p>Lesson 1 https://classroom.thenational.academy/lessons/why-was-1923-known-as-a-year-of-crisis-68vkar</p> <p>Lesson 2 https://classroom.thenational.academy/lessons/how-did-germany-recover-its-economy-in-the-years-1924-29-cmwk8c</p> <p>Lesson 3 https://classroom.thenational.academy/lessons/how-did-germany-recover-its-economy-in-the-years-1924-29-cmwk8c</p> <p>Lesson 4 https://classroom.thenational.academy/lessons/how-did-germany-improve-their-international-relations-1924-29-6djk4r</p>	<p>Notes:</p> <p>For each lesson open the link and follow the video, pause the video as and when needed and answer the comprehension questions.</p>
<p>IT BTEC</p>	<p>Lesson 1 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 1</p> <p>Lesson 2 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 2</p>	<p>Notes:</p> <p>Use the link to get to the lesson resources.</p> <p>You are working on this section of the coursework. Complete for homework.</p> <p>Extension task:</p> <p>Review all Knowitall Ninja questions.</p>

	<p>Lesson 3 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 3</p>	
	<p>Lesson 4 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 4</p>	
<p>Media Studies</p>	<p><u>Lesson 1: How can I effectively carry out Primary research to support my final product?</u></p> <p>Outcomes: to create a forms quiz which will support you in outlining who your target audience will be for your product.</p>	
	<p><u>Lesson 2: How can I effectively use existing magazines to support the design of my product?</u> Existing magazine analysis</p> <p>Outcomes: to begin research into existing teen magazines design and style that can be used in your own media product.</p>	
	<p><u>Lesson 3: How can I effectively use existing magazines to support the design of my product?</u> Existing magazine analysis</p> <p>Outcomes: to begin research into existing teen magazines design and style that can be used in your own media product.</p>	
	<p><u>Lesson 4: How can I effectively use thew results of my primary research to inform my final product?</u></p> <p>Outcomes: Outline who the target audience is fir the product including demographic and psychographic.</p>	

	<p>4. Reviewing primary audience</p> <hr/> <p><u>Lesson 5: How can I effectively use the results of my primary research to inform my final product?</u></p> <p>6. Planning your content.</p> <hr/> <p><u>Lesson 6: How can I effectively use the results of my primary research to inform my final product?</u></p> <p>6. Planning your content.</p>	
Music	Please contact Mrs Boyes tracey.boyes@theregisschool.co.uk	
PE BTEC	<p>Revisit knowledge from your SPs. Unstructured non teacher set work for the year 10s would be from their SPs.</p> <p>Teachers will email specific students missing from their class or email your teacher for guidance.</p>	<p>Please email your class teacher to request work. Your teacher will set you work that is bespoke to the unit you are currently covering in lesson. Email address are below for ease.</p> <p>Mr Purgavie Benjamin.Purgavie@theregisschool.co.uk Miss Buckingham Emily.Buckingham@theregisschool.co.uk Mrs Lovelock Jennifer.Lovelock@theregisschool.co.uk Mr Thompson Rhys.Thompson@theregisschool.co.uk Mr Manvell Daniel.Manvell@theregisschool.co.uk Mr Parkinson Samuel.Parkinson@theregisschool.co.uk</p>

Religious Studies	<p>Lesson 1 Religious beliefs about suffering https://classroom.thenational.academy/lessons/crimes-as-a-cause-of-suffering-60w38r</p>	<ol style="list-style-type: none"> 1. Open the link and complete the lesson, pause the video as and when needed. 2. Read the information on the link below and then create a revision page about evil, and the problem that the existence of evil causes for belief in God. https://www.bbc.co.uk/bitesize/guides/zv93rwx/revision/5 <p>Extension Task: Plan a response to the 12-mark question 'Good things can come from suffering'. Evaluate this statement. You should include arguments for, arguments against, and a conclusion.</p>
	<p>Lesson 2 - The Problem of Evil and Suffering</p>	<ol style="list-style-type: none"> 1. Complete the tasks on the attached Powerpoint. <p>Extension Task: Plan a response to the 12-mark question 'The existence of evil and suffering in the world proves that God does not exist'. Evaluate this statement. You should include arguments for, arguments against, and a conclusion.</p>
	<p>Lesson 3 - The Argument from Miracles</p>	<ol style="list-style-type: none"> 1. Complete the tasks on the attached Powerpoint. <p>Extension Task: Plan a response to the 12-mark question 'Miracles are the best way to prove that there is a God'. Evaluate this statement. You should include arguments for, arguments against, and a conclusion.</p>
	<p>Lesson 4 - The Argument from Miracles 2</p>	<ol style="list-style-type: none"> 1. Complete the tasks on the attached Powerpoint. <p>Extension Task: Plan a response to the 12-mark question 'The existence of miracles proves that there must be a God'. Evaluate this statement. You should include arguments for, arguments against, and a conclusion.</p>

Sociology	Lesson 1 – How do we measure crime? https://www.youtube.com/watch?v=mzPMgNTd9IQ	For each lesson open the link and follow the video, pause the video as and when needed. If you have your book at home you should work in that, otherwise, write on paper and bring that into school. You should make notes as you watch and then complete the activities.
	Lesson 2 – Functionalism and crime https://www.youtube.com/watch?v=uwF8tLlkxAE	
	Lesson 3- Marxism and crime https://www.youtube.com/watch?v=fYkZyRyXh4A	
	Lesson 4 – Crime and social class https://www.youtube.com/watch?v=ysyx88qrKG4	
Textiles	Lesson 1: Choosing and developing patterns	This will be a practical lesson for those students in school. You could use the time to research dressmaking patterns on the internet that are similar to the design you would like to make. If you find a suitable pattern, take a note of the company and code, and we can take a look when you come back to school. After school sessions will also run to help you catch up at a later date.
	Lesson 2: Industry, Enterprise and Sustainability	Use the link below to connect to Seneca and look at the first 3 topics of 'New and Emerging Technologies'. These are industry, enterprise and sustainability. https://app.senecalearning.com/classroom/course/b4e64de8-a5d1-411b-81e2-aa4e2016e908/section/f05fa1fb-82b0-4ab3-83d3-d6e917001dc1/session
	Lesson 3: Pattern development and toile making	This will be a practical lesson for those students in school. You could use the time to research dressmaking patterns on the internet that are similar to the design you would like to make.

		<p>If you find a suitable pattern, take a note of the company and code, and we can take a look when you come back to school.</p> <p>After school sessions will also run to help you catch up at a later date.</p>
	Lesson 4: People, Culture and Society, and Environment.	<p>Use the link below to connect to Seneca and look at the next 3 topics of 'New and Emerging Technologies'. These are people, culture and society, and environment.</p> <p>https://app.senecalearning.com/classroom/course/b4e64de8-a5d1-411b-81e2-aa4e2016e908/section/a7622ffb-9baf-4318-bc3d-9a58b6ffd21f/session</p>