**Learning Plan Year 9**

Work for 4 January

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| Subject | Activity  | Links | QA |
| English   | The first lesson for this half term has been emailed to you by Mrs Whittaker. Send any completed work back to rebecca.whittaker@appletonacademy.co.uk This half term we are going to look at fiction and on-fiction texts.Your teacher will email you through a PowerPoint to work through.Please complete this and bring it with you when you return. |  |  |

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| Maths   | Please watch the videos and make notes before attempting the worksheets. Work can be emailed to your teacher or completed on paper and handed in when you return to school.  If you need any support or more challenging work, please email mathematics@appletonacademy.co.uk | [Video 1](https://corbettmaths.com/2013/04/20/forming-and-solving-equations/) [Worksheet 1](https://corbettmaths.com/wp-content/uploads/2018/09/Forming-Solving-Equations-115-pdf.pdf)  [Video 2](https://corbettmaths.com/2012/08/24/solving-equations/) [Worksheet 2](https://corbettmaths.com/wp-content/uploads/2020/10/Equations-pdf.pdf)  [Video 3](https://corbettmaths.com/2012/08/24/solving-equations-with-letters-on-both-sides/) [Worksheet 3](https://corbettmaths.com/wp-content/uploads/2018/11/Equations-letters-both-sides-pdf.pdf) |  |

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| Science   | Click on each link to find the lesson.There are different lessons for Triple and Combined Science pathways, please check you are completing the correct one.Complete all the tasks and write down your answers/notes on paper.Hand these to your science teacher when you return.If you need any support, please email helen.jeffrey@appletonacademy.co.uk | **Triple Science (Mrs Jeffrey and Mr Rowe’s classes (9A/sc1 and 9B/sc1): Atomic Structure****Atomic Structure -** [**Lesson 1 - Atomic Structure**](https://classroom.thenational.academy/lessons/atomic-structure-6crk8d?from_query=atomic+structure?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173)**Atomic Structure Part 2 -** [**Lesson 2 - Atomic Structure Part 2**](https://classroom.thenational.academy/lessons/p4-atomic-structure-review-part-2-64t32r?from_query=atomic+structure?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173)**Isotopes -** [**Lesson 3 - Isotopes**](https://classroom.thenational.academy/lessons/isotopes-ccwp4c?from_query=isotopes?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173)**Relative Atomic Mass -** [**Lesson 4 - Relative Atomic Mass**](https://classroom.thenational.academy/lessons/isotopes-ccwp4c?from_query=relative+atomic+mass?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173)**Combined Science (9A/sc2, 9A/sc3, B/sc2 and 9B/sc3): Physics A****Energy Changes -** [**Lesson 1 - Energy Changes**](https://classroom.thenational.academy/lessons/review-chemistry-6tgket?from_query=energy+changes+in+a+system?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173)**Energy Transfers -** [**Lesson 2 - Energy Transfers**](https://classroom.thenational.academy/lessons/energy-transfers-64upac?from_query=energy+transfers?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=video+worksheet+exit_quiz&schoolUrn=145173)**Investigating and Calculating Energy Transfers -** [**Lesson 3 - Investigating Energy Transfers**](https://classroom.thenational.academy/lessons/investigating-energy-transfers-c5k3at?from_query=energy+transfers?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&activities=intro_quiz+video+worksheet+exit_quiz&schoolUrn=145173) |  |

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| Geography   | Following your case study of Malawi, in the Factfulness topic, you will need to complete the Malawi Guided Reading task. You will need to read the information on the sheet to answer the questions around the outside of the sheet. Please complete the work found in the link and send it to your geography teacher.  | [Malawi Guided Reading](https://teams.microsoft.com/_#/pptx/viewer/teams/https:~2F~2Fexceedacademiesbfd.sharepoint.com~2Fsites~2FAACRemoteLearningYr8~2FShared%20Documents~2FGeography~2FJanuary%2022~2FMalawi%20Guided%20Reading.pptx?threadId=19:d4af58ebf13f4772a9c9d497764c9c20@thread.tacv2&baseUrl=https:~2F~2Fexceedacademiesbfd.sharepoint.com~2Fsites~2FAACRemoteLearningYr8&fileId=87a87740-9ee7-4da6-9c43-429ed8dcd3fe&ctx=files&rootContext=items_view&viewerAction=view) |  |
| History | This half term, we will be studying the Holocaust.Your teacher will email you a PowerPoint to work through.Please complete the lessons and bring your work with you when you return.Please email your teacher with any queries. |  |  |
| Spanish | Follow the link and complete the task to consolidate our previous learning before we begin our new learning this half term. You should complete your work on paper and bring it to your teacher when you’re in. You can email your teacher if you have any questions. | [January Worksheet](https://exceedacademiesbfd.sharepoint.com/%3Ap%3A/s/AACRemoteLearningYr8/EZyCGtqlOyJEgikMHJPNh8ABZ4RR3W7PV-U5wa6zrTRebQ?e=YgrbeU)Miss Shepherd: april.shepherd@appletonacademy.co.ukMiss Cirulli: susanna.cirulli@appletonacademy.co.uk  |  |
| Digital Literacy | **Mr Halston’s class:**Topic 1 Lesson 5 – Digital EthicsTeams > AAC Y9 Digital Literacy > Class Notebook > Your Name > Topic 1 > Lesson 5 – Digital Ethics.Complete all written tasks using the video and audio to help you, email Mr Halston if you finish or need further help. | [Link to Y9 Digital Literacy Team](https://teams.microsoft.com/l/team/19%3AlCinK83LQdHtt6O28YcdDf2jFI6CSyQ2EZIwrIyb3k41%40thread.tacv2/conversations?groupId=9cf06ae1-432e-41d7-ab5b-37a05550aa8c&tenantId=bf9979ca-505d-429a-98e3-f899d929ee1b)[IDEA Website](http://idea.org.uk/) | HAL |
| Art | This term in art we will be exploring street art and the work of Banksy.Your home learning task for this week is to create a pencil drawing of a Banksy piece of art work.You will need to first research imagery on the internet and find an example of his art work that you like.Remember to include as much detail as possible and add shade.Bring completed work to your next art lesson. |  |  |
| DT | Pick from one of the following to complete from your new rotation.Food You are to create a research page in the form of a mind map/ mood board on the different types of medical needs/ allergies/ deficiencies that can affect people. Find out the names and what the symptoms are TextilesDownload the worksheet You are to create a research page on different types of textile techniques that you can add to your bag. The techniques that you need to look at are -Embroidery stitches -Batik -Embellisher -CAD CAM embroidery -Screen printing Sublimation printingSuccess criteria For each technique you need to have •Picture of the technique •What it is (definition )•What equipment you use for it?•Where could this technique be usedPD To create a mood on the theme of De Stijl  | [Textiles worksheet](https://exceedacademiesbfd.sharepoint.com/%3Ap%3A/s/AACRemoteLearningYr8/EQCnTEMjyphLmhf4j8e4ZOsBt8Hvdmx2DcV2hEAvRqy2yQ?e=XrCfFQ) |  |
| Performing Arts | [Performing Arts (AAC Remote Learning Yr9) | Microsoft Teams](https://teams.microsoft.com/_#/school/files/Performing%20Arts?threadId=19:956c5cdcb61043e9a38d34a76ce92cb5@thread.tacv2&ctx=channel&rootfolder=%252Fsites%252FAACRemoteLearningYr8%252FShared%2520Documents%252FPerforming%2520Arts%252FYear%25209)Both music and drama can be found by clicking the link. Work through the relevant PowerPoint and send your work to stephanie.bottomley@appletonacademy.co.uk |  | BTM |
| RE | Click on each link to find the lesson.Complete all the tasks and write down your answers/notes on paper.Hand these to your RE teacher when you return. | [LESSON 1](https://classroom.thenational.academy/lessons/nature-and-purpose-of-families-6tjkgd) |  |
| PE | In this lesson, we will learn what interval training is and develop an understanding of how to use it to train, focusing on speed and power. We will learn how to use 'High Intensity Interval Training' (HIIT) as a method of training and explore the relationship between speed, strength and power. | <https://classroom.thenational.academy/lessons/what-is-high-intensity-interval-training-6dh3je> |  |