

**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 English: Non-Fiction - Campaign for a Cause**

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| **You will learn** | **Online Resources** | **Teaching Resources/ Links** |
| Reading:   1. Develop inference skills and recognise the difference between explicit and implicit ideas. 2. Evaluate contrasting perspectives about the same event to understand perspective. 3. Analyse the writers’ word and method choices to identify their perspective. 4. Identify and choose most appropriate quotes to support opinion when reading a text. 5. Analyse the structure and methods used in a variety of effective speeches. 6. How to structure a reading response answer effectively, including quotes and analysis. 7. Summarise the main ideas in a text & identify point of view. 8. Revise persuasive methods, including: direct address, rhetorical questions, direct address, commands, factual language & statistics.   Writing:   1. Write for a specific purpose, using appropriate format and methods. 2. How to use emotive language to persuade a reader. 3. Extend your range of sentence structures. 4. How to make effective structural choices. 5. How to choose, develop & sequence ideas. 6. Explore appropriate tone and register. 7. Develop and experiment with a wider range of vocabulary. | Sets 1,2,3: Kerboodle - Ignite 2: Unit 5 ‘Campaign for a Cause’  Sets 4,5,6: Kerboodle - Catapult 2: Chapter 6 ‘Viewpoints & Issues’  Inference: <https://www.bbc.co.uk/bitesize/guides/zcxqg82/revision/1>  <https://www.bbc.co.uk/bitesize/topics/z43g87h/articles/z6h6wnb>  Fiction & Non-Fiction: <https://www.bbc.co.uk/bitesize/articles/z7n4ydm>  Persuasive language:<https://www.bbc.co.uk/programmes/p08c9y4j>  Persuasive language:<https://www.bbc.co.uk/bitesize/articles/zvghqfr>  Persuading a reader:<https://www.bbc.co.uk/bitesize/topics/zv7fqp3/articles/zr8cmfr>  Purpose & audience:<https://www.bbc.co.uk/bitesize/articles/znn9vwx>  Varied sentence openings:  <https://www.bbc.co.uk/bitesize/guides/zybhcwx/revision/3>  Range of sentences: <https://www.englishclub.com/writing/sentence-variety.htm>  Adverbs:<https://www.bbc.co.uk/bitesize/articles/zbn492p>  Adverbs & fronted adverbials:<https://www.bbc.co.uk/bitesize/articles/zvrbp4j>  Auxiliary verbs:<https://www.bbc.co.uk/programmes/p08b5mc7>  Verbs:<https://www.bbc.co.uk/bitesize/articles/zfc2mfr>  Prepositional phrase:<https://www.bbc.co.uk/bitesize/articles/zh8nscw>  Writing a speech:<https://www.bbc.co.uk/bitesize/articles/znvxt39>  Persuasive methods including emotive language: <https://www.bbc.co.uk/bitesize/guides/zyydjxs/revision/2>  Ambitious vocabulary:<https://www.bbc.co.uk/bitesize/guides/zc4sk7h/revision/1>  Active & passive voice: <https://app.senecalearning.com/classroom/course/6c0b90f2-cf0c-474d-b0fe-28043a3c1b5c/section/f42b9d3b-2f45-4bea-bddd-9f24fb989960/session> | Collins KS3 English All-in-one Revision & Practice Book:  Reading: P4-39; 148-158  Writing: P40-57; 62-63; 70-73; 160-166; 168; 171  Oxford AQA KS3 English Language Year 8 – Preparing for Paper 1 & Paper 2  CGP Key Stage Three Spelling, Punctuation & Grammar Guide – The Work Book  CGP Key Stage Three Spelling, Punctuation & Grammar Guide – The Work Book |
| **Additional Resources** | | |
| Seneca Learning online learning platform  BBC Bitesize website  Young Writers online website  Jumpmag website (etymology for children)  Kerboodle online learning platform – English Ignite 2 and Catapult 2. | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Maths**

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| **You will learn** | **Online Resources** | **Textbook Links** | **Teaching Resources/Links** |
| **Real Life Graphs**   1. Draw, use and interpret conversion graphs 2. Interpret, draw and use graphs to solve distance–time problems 3. Draw and interpret line graphs and identify trends 4. Draw and interpret linear and non-linear graphs from a range of sources   **Decimals and Ratio**   1. Round numbers to an appropriate degree of accuracy 2. Order decimals of any size, including positive and negative decimals 3. Multiply and divide any number by 0.1 and 0.01 4. Solve problems involving decimals and all four operations 5. Divide a quantity into three or more parts in a given ratio 6. Use ratios involving decimals 7. Solve ratio and proportion problem | **Hegarty Maths Clips:**  712  874  206, 207  894, 895  56  46  48  51  332  331  330 | **KS3 CGP Book 2 Pages:**  Unit 12.4 page 163  Unit 12.4 page 164  Unit 12.3 page 158  Unit 12.1 page 151-157  Unit 2.2 page 30-31  Unit 1.1 page 3-5  N  Unit 1.4 page 22-25  Unit 6.1 page 87  Unit 6.2 page 91-94  Unit 6.2 page 95 | **KS3 Pearson Progress in Mathematics book 2:**  Unit 5.1 page 120-121  Unit 5.2 page 122-124  Unit 5.3 page 125-126  Unit 5.4 page 127-132  Unit 6.1 page 148-150  Unit 6.2 page 151  Unit 6.3 page 153-157  Unit 6.4 page 158-159  Unit 6.4 page 160  Unit 6.4 page 161 |
| **Additional Resources** | | | |
| CGP – Mathematics for Key Stage Three Book Two (Product code: M2NN31)  KS3 Revision - <https://www.bbc.co.uk/bitesize/subjects/zqhs34j>  <https://mathsmadeeasy.co.uk/ks3-revision/ks3-maths/> | | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Science**

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| **You will learn to** | **Online Resources** | **Teaching Resources/Links** |
| **Chemistry - The Periodic Table**   * Describe the composition of the atmosphere. * Explain how sedimentary rocks are made and their properties. * Explain how igneous and metamorphic rocks form. * Use the rock cycle to explain how the material in rocks is recycled. * Explain why the concentration of carbon dioxide in the atmosphere did not change in many years. * Explain how global warming happen it’s impacts. * Explain how aluminium is recycled. | Kerboodle Digital Book, Activate 2: P104-118  Seneca learning KS3: Science, sections 2.5.1 – 2.5.3 and 2.5.8 – 2.5.10  [Structure and composition of the Earth - The Earth - KS3 Chemistry Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zysbgk7/revision/1)  [Introduction to rocks - Rocks - KS3 Chemistry Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zgb9kqt/revision/1)  [Rock cycle summary - The rock cycle - KS3 Chemistry Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zwd2mp3/revision/5) | CGP Key stage 3 Science Complete Revision and Practice: P86-96  [The rock cycle - YouTube](https://www.youtube.com/watch?v=WDZOu1fa-tY)  [Igneous and metamorphic rocks - YouTube](https://www.youtube.com/watch?v=dK2bF8LIZFA)  [Earth and Atmosphere - YouTube](https://www.youtube.com/watch?v=Kd7-XwBYT2U)  [Unit - Oak National Academy (thenational.academy)](https://classroom.thenational.academy/units/materials-and-the-earth-78e8)  Work pack available by request from the Science office |
| **Chemistry Metals and acids**   * Explain how elements are classified as metals and non-metals. * Compare patterns in properties in the groups and periods of the Periodic Table. * Interpret data to describe patterns in properties of the Group 1, Group 7 and Group 0 elements. | Kerboodle Digital Book, Activate 2: P60-71  Seneca learning KS3: Science, sections 2.4  [The periodic table - The periodic table - KS3 Chemistry Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/z84wjxs/revision/1) | CGP Key Stage 3 Science Complete Revision and Practice: P56, 67-72  [Metals and Non-metals - YouTube](https://www.youtube.com/watch?v=ZY3SDgJ5F3Y)  [The Periodic Table (Groups 1, 7 and 0) - YouTube](https://www.youtube.com/watch?v=lJJCvLIKnSs)  [Unit - Oak National Academy (thenational.academy)](https://classroom.thenational.academy/units/atoms-and-the-periodic-table-68d3)  Work pack available by request from the Science office |
| **Physics Electricity and magnetism**   * Explain how objects can become charged. * Describe what is meant by current and potential difference, and state how to measure them. * Describe the difference between series and parallel circuits. * Describe and calculate the resistance of a circuit. * Describe how magnets interact, to draw magnetic fields. * Describe how to make an electromagnet and describe uses. | Kerboodle Digital Book, Activate 2: P122-139  Seneca learning KS3: Science, sections 3.4  [What is electricity? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z8mxgdm)  [Positive and negative charges - Static electricity - KS3 Physics Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zthyvcw/revision/1)  [Electric charge - Electric current and potential difference - KS3 Physics Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zsfgr82/revision/1)  [Bar magnets - Electromagnetism and magnetism - KS3 Physics Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/z3g8d2p/revision/1) | CGP Key Stage 3 Science Complete Revision and Practice: P148-157  [Current and Potential Difference - YouTube](https://www.youtube.com/watch?v=Lva2yqD8MPI)  [Series and Parallel Circuits - YouTube](https://www.youtube.com/watch?v=dCx-OVUn7Cw)  [Static Electricity - YouTube](https://www.youtube.com/watch?v=Kqm26J0-j0Y)  [Magnets and Magnetic Fields - YouTube](https://www.youtube.com/watch?v=av7VrSezpHg)  [Electromagnets - YouTube](https://www.youtube.com/watch?v=BqmYvROFGr0)  [Unit - Oak National Academy (thenational.academy)](https://classroom.thenational.academy/units/electricity-and-magnetism-ab64)  Work pack available by request from the Science office |
| **Additional Resources** | | |
| <https://www.thenational.academy/>  <https://www.bbc.co.uk/bitesize/> | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Geography - Tectonics and Weather**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| * To explore the distribution of earthquakes. * To explain how earthquakes happen. * Understand how earthquakes can affect people and places. ​ * Understand the long-term responses linked to earthquakes. ​ * To research the Nepal earthquake from 2015​. * To know what extreme weather is and where it happens. * To understand the causes of flooding. * To know and understand the effects of heatwaves. * To know and understand the effects of cold snaps. * To understand how the UK responds to extreme weather. * To understand the cause of flooding in Bangladesh. * To understand the effects of flooding in Bangladesh.   ​ | [The Earth's structure and plate movement - Plate tectonics - KS3 Geography Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zyhv4wx/revision/1) work through pages and complete test  [Nepal earthquake 2015 (geography.org.uk)](https://www.geography.org.uk/teaching-resources/earthquakes-tsunamis/nepal-2015) read the website and produce a fact file on the Nepal earthquake  Use the map to answer the questions about tropical storms and where they take place. Can you match the extreme weather descriptions to the correct picture.  Use the diagram and annotations to explain the main causes of flooding. Categorise the impacts of Storm Dennis and use the info to answer the questions.  [Flooding - Rivers and flooding - KS3 Geography Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zgycwmn/revision/1)  [What causes a flood? - BBC Bitesize](https://www.bbc.co.uk/bitesize/articles/zjcg6v4)  Use the causes, effects and responses information about the 2003 European heatwave to create a newspaper article.  [Hottest July day ever recorded in UK - BBC News](https://www.bbc.co.uk/news/uk-england-33324881)  Categorise the causes, effects and responses of the Beast from the East and use the information to answer the questions.  <https://www.youtube.com/watch?v=_f5WiB524Sw>  Read the information on Responses to Extreme Weather in the UK and answer the questions.  [Extreme UK weather - Is weather in the UK becoming more extreme? - AQA - GCSE Geography Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zgvjxsg/revision/3)  Explain how physical features and climate lead to flooding.  [Bangladesh flooding (coolgeography.co.uk)](https://coolgeography.co.uk/A-level/AQA/Year%2012/Rivers_Floods/Flooding/Bangladesh/Bangladesh.htm)  [LEDC case study: coping with flooding in Bangladesh - River flooding and management issues - GCSE Geography Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zppdg82/revision/6) | Kerboodle: Nelson Key Geography Foundations. 5th Edition. What causes a river to flood?  P36-37.  Kerboodle: Nelson Key Geography Foundations. 5th Edition. How does the UK cope with flooding?  P40-41.  Work pack available by request from the Humanities office |

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**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 History**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Votes for Women**  You will learn:   * To describe how democratic Britain was in the 1800s. * To explain why women wanted to be able to vote. * To explain the differences between the Suffragists and Suffragettes. * To explain how militant the Suffragettes were. * To explain what the Cat and Mouse Act was. * To investigate whether Emily Davison meant to kill herself for the cause. | <https://learning.parliament.uk/en/resources/votes-for-women-video-and-resources/>  Two videos produced by Parliament to explain the fight for women’s votes  <https://www.bbc.co.uk/bitesize/topics/zxwg3j6>  Two BBC Bitesize learner guides with text photos and videos and even a knowledge test! | Work pack available by request from the Humanities office |
| **Additional Resources** | | |
| “Suffragette” film from 2015 | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 French**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| 1. **Holidays (transport)** – to discuss what transport you normally use when travelling on holiday; to use a range of transportation in the past tense. 2. **Holidays (accommodation)** – to recognise a range of accommodation types; to use adjectives to describe what the accommodation is like. 3. **Holidays (facilities)** – to say what facilities a certain type of accommodation has and does not have. 4. **Holidays (activities)** – to describe what you normally do on holiday; to give opinions on these activities; to justify your opinions on holiday activities with a range of adjectives. | 1. <https://quizlet.com/139601584/les-transports-types-of-transport-french-flash-cards/>   <https://www.bbc.co.uk/bitesize/guides/zdy9hbk/revision/1>   1. <https://quizlet.com/133381274/french-accommodation-flash-cards/>   <https://www.bbc.co.uk/bitesize/guides/zd6y8xs/revision/1>   1. <https://quizlet.com/113913071/french-hotel-facilities-flash-cards/> 2. <https://www.french-games.net/frenchvocabulary?topic=Holiday%20activities&level=secondary>   <https://www.youtube.com/watch?v=KYAUIEa6LwI>  <https://quizlet.com/gb/468821769/frenchholiday-activities-flash-cards/> | Work pack available upon request from the MFL Office. |
| **Additional Resources** | | |
| CGP KS3 French Study Guide and CGP KS3 Workbook with answers.  Power Points for all subtopics for Holidays are available upon request from the MFL Office. | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Spanish**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| 1. **Holidays (transport)** – to discuss what transport you normally use when travelling on holiday; to use a range of transportation in the past tense. 2. **Holidays (accommodation)** – to recognise a range of accommodation types; to use adjectives to describe what the accommodation is like. 3. **Holidays (facilities)** – to say what facilities a certain type of accommodation has and does not have. 4. **Holidays (activities)** – to describe what you normally do on holiday; to give opinions on these activities; to justify your opinions on holiday activities with a range of adjectives. | 1. <https://quizlet.com/gb/394093288/spanish-transport-and-transport-adjectives-flash-cards/>   <https://www.bbc.co.uk/bitesize/guides/z64mbdm/revision/1>   1. <https://quizlet.com/gb/520474753/holiday-accommodation-flash-cards/>   <https://www.rocketlanguages.com/spanish/lessons/accommodation-in-spanish/>   1. <https://quizlet.com/gb/490867252/holiday-facilities-flash-cards/> 2. <https://quizlet.com/215543866/holiday-activities-spanish-flash-cards/>   <https://www.youtube.com/watch?v=WSC7uzjFQfA>  <https://www.spanish-games.net/spanishlessons?topic=Holiday%20activities&level=secondary> | Work pack available upon request from the MFL Office. |
| **Additional Resources** | | |
| CGP KS3 Spanish Study Guide and CGP KS3 Spanish workbook with answers.  Power Points on the above subtopics for holidays are available upon request from the MFL Office.  Resources which can be purchased from the MFL department: CGP KS3 Spanish Study Guide £2.60; CGP KS3 Spanish workbook with answers £2.60 | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 German**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| 1. **Holidays (transport)** – to discuss what transport you normally use when travelling on holiday; to use a range of transportation in the past tense. 2. **Holidays (accommodation)** – to recognise a range of accommodation types; to use adjectives to describe what the accommodation is like. 3. **Holidays (facilities)** – to say what facilities a certain type of accommodation has and does not have. 4. **Holidays (activities)** – to describe what you normally do on holiday; to give opinions on these activities; to justify your opinions on holiday activities with a range of adjectives. | 1. [https://quizlet.com/140310327/german-transport-flash-cards/](https://www.bbc.co.uk/bitesize/guides/ztg2tyc/revision/8)   [https://www.bbc.co.uk/bitesize/guides/z3jfbk7/revision/3](https://members.gcsepod.com/shared/podcasts/title/13650/82328)   1. [https://quizlet.com/23631321/german-gcse-vocab-holiday-accommodation-transport-flash-cards/](https://www.linguascope.com/secure/students/beginner/topic.php)   [https://www.german-games.net/germanvocabulary?topic=Accommodation&level=secondary](https://www.bbc.co.uk/bitesize/guides/ztg2tyc/revision/5?topic=Accommodation&level=secondary)   1. [https://quizlet.com/180907837/gcse-german-holidays-facilities-flash-cards/](https://quizlet.com/gb/514704909/places-in-town-german-flash-cards/) 2. <https://quizlet.com/395804745/holiday-activities-german-flash-cards/>   <https://www.german-games.net/germanvocabulary?topic=Holiday%20activities&level=secondary>  [https://www.youtube.com/watch?v=QY67YkEF\_HE](https://quizlet.com/57228389/year-7-german-school-bag-items-flash-cards/?v=QY67YkEF_HE) | Work pack available upon request from the MFL Office. |
| **Additional Resources** | | |
| CGP German KS3 Study Guide and CGP German Workbook with answers.  Power Points on the above subtopics for holidays are available upon request from the MFL Office. | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Computer Science**

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| **You will learn** | **Online Resources** | **Teaching Resources Links** |
| **Algorithms**  **Lesson 1** – Introduction to algorithms: define algorithms and know the difference between flowcharts and pseudocode.  **Lesson 2** – Flowcharts: read and follow flowcharts to develop algorithms.  **Lesson 3** – Flowcharts: create flowcharts for a variety of programming scenarios.  **Lesson 4** – Pseudocode: read and use pseudocode to trace an algorithm, become familiar with pseudocode keywords.  **Lesson 5** – Pseudocode: write algorithms using pseudocode to create solutions for a variety of scenarios.  **Lesson 6** – Boolean: using Boolean to search for data and becoming familiar with the Boolean operators.  **Lesson 7** – End of unit test: complete paper test and multiple-choice test. | Office 365  <https://www.office.com/?auth=2>  Year 8 > Content Library > Algorithms  Download and save the workbook in the ‘Lesson Tasks’ section to view and complete the activities.  Make use of the ‘Lesson Notes’ section to help support your learning.  <https://www.bbc.co.uk/bitesize/guides/z3bq7ty/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zgr2mp3/revision/1>  <https://www.bbc.co.uk/bitesize/guides/z2m3b9q/revision/1> | KS3 Computer Science CGP:  P77 – 89  Work pack available by request from the Computing office |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Art and Design: Insects and Bugs**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| * To develop subject specific vocabulary in relation to describing and creating artwork based on Insects and Bugs. * To develop an appreciation of a range of artists and be able to articulate likes and dislikes in relation to them. * To complete work based on Alison Headley, printing from lino cuts. * To design and produce Fur Textile Moth using card, fur and wire. * To develop skills of cutting, sewing and construction techniques. | Lino Printing  <https://www.youtube.com/watch?v=h-lK2twnrBo>  <https://www.pinterest.co.uk/pin/570198002830095549/>  <https://www.artfinder.com/blog/post/alison-headley/#/>  Textile Insects  <https://www.youtube.com/watch?v=JQL25_hoQ1k>  <https://www.youtube.com/watch?v=oW804tc_wm4>  <https://www.youtube.com/watch?v=-G15umFeN7M>  <https://www.designswan.com/archives/stunning-fabric-insect-sculptures-hand-crafted-by-yumi-okita.html>  <http://www.mister-finch.com/portfolio/> | Work packs available on request from Art Office. |
| **Additional Resources** | | |
| [www.tate.org.uk](http://www.tate.org.uk)  [www.craftscouncil.org.uk](https://www.craftscouncil.org.uk/)  [www.textileartist.org](https://www.textileartist.org/)  [www.vam.ac.uk](https://www.vam.ac.uk/collections)  [www.theartstory.org](https://www.theartstory.org/artists/)  [www.thestudentartguide.co.uk](http://www.thestudentartguide.co.uk)  [www.bbc.co.uk/bitesize](http://www.bbc.co.uk/bitesize) | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Music**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Unit of Work: Texture**  In this unit of work, you will explore the different textures used in music. You will look at Monophonic, Homophonic and Polyphonic textures as well as unison and imitation.  You will explore these different textures through pieces written for musical theatre. You will perform examples of each texture on instruments and vocally.  You will then go on to create your own piece of music to showcase one of these textures before recording your piece in either MuseScore, Mixcraft or for vocal pieces using the recording studio. | **YouTube – College YouTube Channel**  <https://www.youtube.com/channel/UCov4JH8VN93OEMl2x2Y6m3Q>  **YouTube – Musical Theatre Texture Examples**  Defying Gravity - <https://www.youtube.com/watch?v=fEq3xM-i0Ng>  Super Trouper - <https://www.youtube.com/watch?v=BshxCIjNEjY>  One Day More - <https://www.youtube.com/watch?v=IddP8AAIGTQ>  When I Grow Up - <https://www.youtube.com/watch?v=6Y82wktAEmQ>  **BBC Bitesize – Musical Theatre**  <https://www.bbc.co.uk/bitesize/topics/z3dqhyc/articles/zbhqjhv> | Work pack available by request from the Music office |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Food Technology**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Food Safety & Food Hygiene**   * To recap on the principles of hygiene and safety.   **Healthy Eating**   * To understand the 8 healthy guidelines (BEEDKEED). * To recognise how ‘snack foods’ are made and their content. * To investigate how calories, work along with balancing energy consumption.   **Nutrition**   * To understand what nutrition is. * To recognise the two main areas; Macro and Micro Nutrients. * To understand the function and sources of the nutrients.   **Practical Work (optional)**  Encouragement of carrying out practical work at home linking homework to the practical activities – Pineapple Upside Cake/ Quiche/ Pasties/ Bread. | [www.foodafactoflife.co.uk](http://www.foodafactoflife.co.uk)  Section on 11-14yrs – use drop menu for healthy eating and nutrition  [www.bbcteach.co.uk](http://www.bbcteach.co.uk)  Design & Technology – Food Technology – Food Preparation & Nutrition – class clips on energy balance, nutrition and healthy eating  <https://royalrussell.planetestream.com>  (use of many videos on making of food – crisps, sweets, chocolate, pizza – Gregg Wallace BBC) | KS3 textbook on Explore Food  Digital Textbook [www.illuminate.digital/eduqasfood](http://www.illuminate.digital/eduqasfood)  Use P4 onwards  P44 - 48  Use of worksheets from booklet  Work pack available by request from the Food Technology office |
| **Additional Resources** | | |
| Booklet with content in  Use of Satchel.com for quizzes and homework  ARO videos to aid practical work at home as well as pictorial recipe sheets | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Design and Technology**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Metals: Pewter Gift:**   * About metals, their properties, applications, uses and stock forms. * How to work with pewter and the pewter casting process. * How to design and communicate your ideas using a variety of different methods. * How to work safely when completing practical. * How to develop and model your ideas.   **Mechanisms: Automaton**   * Learn about the four different kinds of motion and how they can transfer one kind of motion to another. * Understand about how a cam and follower mechanism works. * Learn how to assemble and make your own cam and follower automaton. * Design an element of surprise around the basic cam and follower mechanism. * Understand how CAD/CAM can be used to batch produce products. | **Metal source and origin:**  <https://www.youtube.com/watch?v=9l7JqonyoKA&safe=active>  **Pewter casting process:**  <https://www.youtube.com/watch?v=2SEnEY3Ef7w&safe=active>  **Safety in the workshop:**  <https://www.youtube.com/watch?v=RRLpzQBqjPs&safe=active>  **Card modelling ideas:**  <https://www.youtube.com/watch?v=jZYrwIpm8SI&safe=active>  **Four kinds of motion:**  <https://www.bbc.co.uk/bitesize/guides/zbt26yc/revision/1>  **Cam and follower mechanism:**  <https://www.bbc.co.uk/bitesize/guides/zbt26yc/revision/4>  **Cam and follower devices:**  <https://www.youtube.com/watch?v=-lpx772-M8I>  **Evaluating your design ideas:**  <https://99designs.co.uk/blog/tips/evaluate-design-quality/> | Work packs available from the DT office upon request. |
| **Additional Resources** | | |
| You can watch the link videos in the middle column above and extend your work by describing each process using words and pictures. | | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 RE - Creation**

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| **You will learn** | **Online Resources** |
| * Explain how beliefs are based on the story. * Make links between stories understanding how Christians link stories to suffering and explain how stories are used to guide believers. * Recognise and explain similarities and differences being able to evaluate different ideas. * To understand key terms and assess the difference between them. * To suggest ideas to improve the world from a Christian perspective and evaluate the duties that humans have. | [Noah (2014) Trailer - Bing video](https://www.bing.com/videos/search?q=noah+trailer&adlt=strict&view=detail&mid=753BB039E39A15098649753BB039E39A15098649&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dnoah%2Btrailer%26FORM%3DHDRSC3%26adlt%3Dstrict)  <https://www.youtube.com/watch?v=YHFp_FYuI4A>  [https://www.bing.com/videos/search?q=the+lorax+clips&qpvt=the+lorax+clips&view=detail&mid =C72C0B3FFD737628D13EC72C0B3FFD737628D13E&&FORM=VRDGAR&adlt=strict](https://www.bing.com/videos/search?q=the+lorax+clips&qpvt=the+lorax+clips&view=detail&mid%20=C72C0B3FFD737628D13EC72C0B3FFD737628D13E&&FORM=VRDGAR&adlt=strict)  [https://www.bing.com/videos/search?q=the+lorax+clips&&view=detail&mid=6B7B921C1C2824 5EC5F86B7B921C1C28245EC5F8&&FORM=VRDGAR&adlt=strict](https://www.bing.com/videos/search?q=the+lorax+clips&&view=detail&mid=6B7B921C1C2824%205EC5F86B7B921C1C28245EC5F8&&FORM=VRDGAR&adlt=strict)  <https://www.youtube.com/watch?v=p1jpKTYmIzA>  <https://www.youtube.com/watch?v=r0eg-ieT77g>  <https://www.greenpeace.org.uk/challenges/> |
| **Additional Resources** | |
| [Religious Studies KS3: C is for Creation Stories - BBC Teach](https://www.bbc.co.uk/teach/class-clips-video/religious-education-ks3-a-z-of-religion-and-beliefs-c-is-for-creation-stories/zvfp382)[Evolution - Evolution, extinction and biodiversity - KS3 Biology Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zw9jq6f/revision/1)  [The Nature of God (thenational.academy)](https://classroom.thenational.academy/lessons/the-nature-of-god-cmwk2c) | |



**Half Termly Overview 08/11/2021 to 17/12/2021**

**Year 8 Core PE**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| * To know how to factor in exercise at home. * To know how to carry out your own exercise session at home using minimal equipment. * Plan and carry out your own exercise sessions at home. | <https://www.youtube.com/user/thebodycoach1>  Joe Wicks 30-minute PE lesson for everyone to have a go at – Fitness and fun.  <https://www.youtube.com/channel/UCu-rJFVlr7ZAZ0en3RRALPw>  Max Whitlock gymnastics sessions at home. Every Tuesday & Friday at 3:30pm.  <https://www.youthsporttrust.org/pe-home-learning>  PE activities that can be done individually or in pairs/small groups with a focus on the development of physical competence and actively learning the importance of personal skills to support social, emotional and mental wellbeing.  <https://www.youthsporttrust.org/60-second-physical-activity-challenges>  A fun ‘compete against yourself’ approach to physical activity with a focus on resilience and perseverance and the aim to achieve bronze, silver or gold medal aims. We have a range of activity cards and videos.  <https://www.youthsporttrust.org/active-learning>  Teaching wider school subjects such as English and Maths in a physical way so as to reduce children sitting for too long and making the learning fun e.g. timetable squats.  <https://burnleyleisure.co.uk/category/news/home-workouts/> | [Unity College PE- Home activities (padlet.com)](https://padlet.com/mwilliams393/j08dqdvaa3kmozht)    Use this link to our PE Padlet with lots of activities that you can complete at home.  There are lots of tasks and videos for you to watch and have a go at.    <https://padlet.com/mwilliams393/j08dqdvaa3kmozht>  Work pack available by request from the Science office |