

**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 – English: Fiction & Non-Fiction Anthology Unit**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Fiction and Non- Fiction Anthology unit**Reading:1. Develop inference skills and recognise the difference between explicit and implicit ideas.
2. Analyse the writers’ word and method choices and their connotations including: verbs, contrast, personification & similes.
3. Revise setting, mood & atmosphere.
4. Analyse the effects of structural features, including: empathy, sequence, dialogue, perspective, rising action, climax & plot.
5. How to organise an evaluation of a text.
6. Summarise the main ideas in a text & identify points of view.
7. Synthesise information from different texts, & organise the writing of a comparison.
8. Revise persuasive methods, including: direct address, rhetorical questions, direct address, commands, factual language & statistics.

Writing:1. How to develop narrative structure.
2. How to extend your range of sentence structures.
3. How to make effective structural choices.
4. How to develop your use of imagery.
5. How to create atmosphere effectively.
6. How to choose, develop & sequence ideas.
7. How to explore appropriate tone and register.
 | **Figurative language:** <https://www.bbc.co.uk/bitesize/articles/znj4kmn>**Inference:** <https://www.bbc.co.uk/bitesize/guides/zcxqg82/revision/1><https://www.bbc.co.uk/bitesize/topics/z43g87h/articles/z6h6wnb>**Sensory description:** <https://www.bbc.co.uk/bitesize/articles/zd4kwty>**Show not tell:** <https://www.bbc.co.uk/programmes/p08bssl6>**Nouns & Skimming/Scanning:** <https://www.bbc.co.uk/bitesize/articles/zdd9vwx>**Fiction & Non-Fiction:** <https://www.bbc.co.uk/bitesize/articles/z7n4ydm>**Persuasive language:** <https://www.bbc.co.uk/programmes/p08c9y4j>**Purpose & audience:** <https://www.bbc.co.uk/bitesize/articles/znn9vwx>**Comparing texts:** <https://www.bbc.co.uk/bitesize/articles/znmpscw>**Dialogue:** <https://www.bbc.co.uk/bitesize/articles/zrtq2sg>**Dialogue punctuation:** <https://app.senecalearning.com/classroom/course/6c0b90f2-cf0c-474d-b0fe-28043a3c1b5c/section/e3819148-7560-4226-9f4f-17d35b4d1bb1/session>**Summarising information:** <https://www.bbc.co.uk/bitesize/guides/zs2fvcw/revision/1>**Synthesizing ideas & information:** <https://reading.ecb.org/student/synthesizing/index.html?login=carmen00180>**Creating atmosphere & setting:** <https://www.bbc.co.uk/bitesize/articles/zdg93j6>**Story structure & Climax:** <https://www.bbc.co.uk/bitesize/articles/zrv8wty>**Varied sentence openings:**<https://www.bbc.co.uk/bitesize/guides/zybhcwx/revision/3>**Range of sentences:** <https://www.englishclub.com/writing/sentence-variety.htm>**Narrative structures:** <https://www.bbc.co.uk/bitesize/articles/zxgy6g8> | **Collins KS3 English All-in-one Revision & Practice Book:** Reading: P4-39; 148-158Writing: 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**Work pack available from Mr Mitson. |
| **Additional Resources** |
| Seneca Learning online learning platform; BBC Bitesize website, Young Writers online website; Jumpmag website (etymology for children). |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Mathematics**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Expressions and Formulae** Write and solve equations with fractions1. Write and solve equations with the unknown on both sides
2. Use the priority of operations when substituting into algebraic expressions
3. Substitute values into expressions involving powers and roots
4. Write and use formulae
5. Substitute into formulae and then solve equations to find unknown values
6. Change the subject of a formula
7. Use the rules for indices for multiplying and dividing
8. Simplify expressions involving brackets
9. Factorise an expression by taking out an algebraic common factor
10. Multiply out double brackets and collect like terms

**Indices with Standard Form**1. Calculate combinations of indices and brackets, including nested brackets
2. Use index laws to simplify expressions
3. Calculate combinations of powers, roots, fractions and brackets
4. Estimate answers to calculations
5. Understand numbers written in index form that are raised to a power
6. Understand negative and zero indices
7. Use powers of 10 and their prefixes
8. Write large and small numbers using standard form
9. Enter and read standard form numbers on a calculator
10. Order numbers written in standard form
 | **Hegarty Maths**180184782783155287280n/a160 - 161168 - 169162120102101131n/a103121123128n/a | **Progress in Maths Textbook**Chapter 2.1 Page 26 - 28Chapter 2.1 Page 26 - 28Chapter 2.1 Page 26 - 28Chapter 2.2 Page 29 - 31Chapter 2.3 Page 29 - 31Chapter 2.3 Page 29 - 31Chapter 2.3 Page 38 - 40Chapter 2.4 Page 38 - 40Chapter 2.5 Page 41 - 43Chapter 2.6 Page 41 - 43 Chapter 1.1 Page 1 – 3Chapter 1.1 Page 1 – 3Chapter 1.2 Page 4 - 7Chapter 1.2 Page 4 - 7Chapter 1.3 Page 8 – 11Chapter 1.3 Page 8 – 11Chapter 1.4 Page 12 - 14Chapter 1.4 Page 12 - 14Chapter 1.4 Page 12 - 14 | **GCP KS3 Book**Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Section 13 Page 163 – 177Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 – 42Chapter 3 Page 39 - 42 |
| **Additional Resources** |
| Pearson Purposeful Practice 2: Chapter 10 P13 - 23Pearson Purposeful Practice 3: Chapter 1 P1 - 7 |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Science**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Chemistry C3C1 – New Technology in Chemistry*** Explain what nanoparticles are and what properties they have.
* Explain the uses of nanoparticles in tennis racquets, bikes, bullet proof vests and medical treatments.
* Describe some advantages and disadvantages of cars and how combustion reactions produce exhaust gases.
* Describe how catalytic converters clean up exhaust gases.
* Describe the use of new fuels in cars and some advantages and disadvantages of hybrid electric cars.
 | Kerboodle Digital BookActivate 3: P52-71[Exploring Nanotechnology: Fold, Roll, & Stack Your Way to Super-Strong Materials | Science Project (sciencebuddies.org)](https://www.sciencebuddies.org/science-fair-projects/project-ideas/MatlSci_p042/materials-science/exploring-nanotechnology-paper?from=Blog)[Nanoparticulate materials - Nanoparticles - Edexcel - GCSE e](https://www.bbc.co.uk/bitesize/guides/z2rmrwx/revision/2)[GCSE Chemistry (Single Science) - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/examspecs/zy984j6)[Nanotechnology: A simple and fun introduction - Explain that Stuff](https://www.explainthatstuff.com/nanotechnologyforkids.html) | [How do electric cars and hybrids work? - Explain that Stuff](https://www.explainthatstuff.com/electriccars.html)[How do catalytic converters work? - Explain that Stuff](https://www.explainthatstuff.com/catalyticconverters.html)[Nanotechnology | What is Nanotechnology (understandingnano.com)](https://www.understandingnano.com/)[What is combustion? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zcwxcj6)[Catalytic converter - Learning (sciencemuseumgroup.org.uk)](https://learning.sciencemuseumgroup.org.uk/resources/catalytic-converter-3d-object/) |
| **Biology B3C1 - New Technology in Biology*** Describe how punnet squares can be used to show how characteristics including genetically inherited disorders can be passed down through generations.
* Describe the uses of selective breeding, genetic engineering and cloning.
* Describe how bread, beer, wine, cheese and yoghurt are made using biotechnology.
 | Kerboodle Digital BookActivate 3: P2-21[Bread Making Project | Teaching Resources | Warburtons](https://www.warburtons.co.uk/our-company/sustainability/teaching-resources/bread-making-project/)[Peas, the ABC's, and the Punnett Square {Plus a FREE printable} - elementalscience.com](https://elementalscience.com/blogs/science-activities/punnett-square)[Biology KS3/4: Evolution of hearing - BBC Teach](https://www.bbc.co.uk/teach/class-clips-video/science-biology-ks3-ks4-gcse-the-evolution-of-hearing/zmwjmfr)[Biology KS3/4: Evolution of sight - BBC Teach](https://www.bbc.co.uk/teach/class-clips-video/science-biology-ks3-ks4-gcse-the-evolution-of-sight/zvns382)[BBC iPlayer - Dolly: The Sheep That Changed the World](https://www.bbc.co.uk/iplayer/episode/m0011xqp/dolly-the-sheep-that-changed-the-world) | [Differences in organisms- KS3 - BBC Bitesize](https://www.bbc.co.uk/bitesize/courses/zwph6g8)[Variation (thenational.academy)](https://classroom.thenational.academy/lessons/variation-75gk6t)[Why is variation important? (thenational.academy)](https://classroom.thenational.academy/lessons/why-is-variation-important-64wk4t)[Punnett squares - Genetic diagrams and terminology (CCEA) - GCSE Biology (Single Science) Revision - CCEA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/z3thmsg/revision/3) |
| **Additional Resources** |
| <https://www.thenational.academy/> <https://www.bbc.co.uk/bitesize/> <https://www.freesciencelessons.co.uk/> |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Geography**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| 1. To understand what MINT and BRIC’s are.
2. To understand how oil is formed and to describe the benefits of oil.
3. To understand the negative impacts of using oil.
4. To understand the impact of a gas plant in Russia.
5. To understand the impacts of Qatar hosting the world cup.
6. To understand in impacts of tourism. To describe the benefits sustainable investment in the aviation industry.
 | 1. You will understand what MINT and BRIC’s are and explain how trade leads to economic development
2. You will describe the benefits of oil and explain the impact on the Middle East.
3. You will discuss reasons against the use of oil. You will then categorise impacts into social, economic or environmental.
4. You will discuss the cost and benefits of building a plant in Russia.
5. You will identify the benefits of hosting the world cup and consider a range of viewpoints.
6. You will describe the positive and negative impacts of tourism and explain how sustainable a hub airport can be.
 | Work pack available on request from the Humanities Office.4. Geog. 3 Textbook: P120-121 |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 History: Impact of World War One**

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| **You will learn**  | **Online Resources** | **Teaching Resources/Links** |
| **Impact of World War One**1. Why did Germany lose the war?
2. Why did Russia have Revolution?
3. What is Communism/Fascism?
4. How did Mussolini take power in Italy?
5. What were the terms of Treaty of Versailles?
6. What was the impact of the Treaty of Versailles?
7. How successful was the League of Nations?
 | (1-6) Seneca Learning – This is a free interactive online learning site. You simply create an account and then click onto “Classes and Assignments” then “Join Class”. You then enter this class code 9lv7fpt0c0 this will then set you a series of assignments.<https://app.senecalearning.com/dashboard/courses/add?Price=Free>(1-6) BBC Bitesize – Watch the videos and make spider diagrams on them.<https://www.bbc.co.uk/bitesize/topics/z94cwmn> Watch the following videos and make notes on who the ‘Big 3’ were and what they wanted. Also make notes on the terms of the Treaty of Versailles.<https://www.youtube.com/watch?v=vrYhLNQMRro&safe=active> <https://www.youtube.com/watch?v=0jycVFL8CNM&safe=active> Consider everything you have studied and answer the question below. You can then email your answer to your teacher, using your school email.g.hargraves@unity.lancs.sch.uk l.wroe@unity.lancs.sch.uk t.shaun@unity.lancs.sch.uk a.rasul@unity.lancs.sch.uk **Which term of the Treaty of Versailles was hated the most by the Germans?-Economic (Reparations)-Territorial (land)**Paragraph 1 – Describe what the reparations were and explain why the Germans would hate it. Paragraph 2 – Describe what the territorial terms were and explain why the Germans hated it.Conclusion - Pick which you think was the most hated term and explain why you think this. | **“KS3 History Technology, war and identities”** Textbook/Revision Book published by Oxford: P38-39 and P54-59Work pack available on request from the Humanities Office |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 French**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **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.

**Booking Question Words*** To recognise how to ask and respond to questions.

**Problems with accommodation*** To recognise problems you may face when booking to stay somewhere on holiday.

Linguascope login details: Username: unity Password: time4langs   | **Holidays**<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/>  **Booking Question Words**<http://www.bbc.co.uk/languages/french/experience/hotel/> [Booking a hotel in French Flashcards | Quizlet](https://quizlet.com/gb/370977659/booking-a-hotel-in-french-flash-cards/) [GCSEPod 3.0 Dashboard](https://members.gcsepod.com/shared/podcasts/title/13587/81493) (Travel and tourism) <https://members.gcsepod.com/shared/podcasts/title/13587/81493>  **Problems with accommodation**[Les Problèmes Dans L'hôtel Flashcards | Quizlet](https://quizlet.com/181219168/les-problemes-dans-lhotel-flash-cards/) <https://wordwall.net/resource/650649/french/hotel-complaints2> <https://wordwall.net/resource/650627/french/hotel-complaints>    | Work pack available upon request from the MFL Office.  KS3 revision guide and workbook available from the MFL office and can be purchased from college.  |
| **Additional Resources** |
| PowerPoints on Holiday Activities, Booking Question Words and Problems with Accommodation available on request.  |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 German**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **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.

**Booking Question Words*** To recognise how to ask and respond to questions.

**Buying Foreign Currency*** To understand how to change money into a foreign currency.

**Problems with Accommodation*** To recognise problems, you may face when booking to stay somewhere on holiday.

Linguascope login details: Username: unity Password: time4langs  | **Holidays (Activities)**<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>  **Booking Question Words** <https://quizlet.com/198807/german-question-words-flash-cards/> <https://www.youtube.com/watch?time_continue=59&v=d-NUjwpcm0A&feature=emb_title>  **Buying Foreign Currency**<https://www.languagehelpers.com/words/german/money.html> <https://study.com/academy/lesson/german-money-bank-words.html>  **Problems with Accommodation**<https://www.youtube.com/watch?v=kn8DDPQzd5U> <https://quizlet.com/77173293/gcse-german-problems-in-the-hotel-flash-cards/>   | Work pack available upon request from the MFL Office.  KS3 workbook and revision guide available from the MFL office and can be purchased from college.  |
| **Additional Resources** |
| Power Points on Holiday activities, Question Words, Buying Foreign Currency and Problems with Accommodation available upon request. |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Spanish**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Holidays (accommodation)*** To recognise a range of accommodation types; to use adjectives to describe what the accommodation is like.

**Holidays (facilities)*** To say what facilities a certain type of accommodation has and does not have.

**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.

Linguascope: Login details:  Username: unity  Password: time4langs   | **Holidays (accommodation)**<https://quizlet.com/gb/520474753/holiday-accommodation-flash-cards/> <https://www.rocketlanguages.com/spanish/lessons/accommodation-in-spanish/> **Holidays (facilities)**<https://quizlet.com/gb/490867252/holiday-facilities-flash-cards/>  **Holidays (activities)**<https://quizlet.com/215543866/holiday-activities-spanish-flash-cards/> <https://www.youtube.com/watch?v=WSC7uzjFQfA> <https://www.spanishgames.net/spanishlessons?topic=Holiday%20activities&level=secondary> [Linguascope | Beginners | Spanish | Hobbies](https://www.linguascope.com/secure/students/beginner/topic.php?language=spanish&topic=hobbies)  | Work pack available upon request from the MFL Office. KS3 workbook and revision guide available from the MFL office and can be purchased from college. |
| **Additional Resources** |
| PowerPoints available on request from the MFL office. |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Computer Science**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Networks**Lesson 1 – know the two main types of network LAN and WAN.Lesson 2 – know the hardware used to create networks and its purpose.Lesson 3 – understand a variety network topologies and be able to draw the topologies.Lesson 4 – be able to describe the advantages and disadvantages of networks.Lesson 5 – be able to explain how wireless networks work and explain their advantages and disadvantages. Lesson 6 - be able to explain how to keep networks secure and understand the threats to a network. | Office 365<https://www.office.com/?auth=2>Year 8 > Content Library > NetworksDownload 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.[Networks - Wired and wireless networks - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zvspfcw/revision/1) | KS3 Computer Science CGP:P21 - 26Work pack available from the IT Office. |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Art and Design: Street Art & Graffiti**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| * This half term you will start a new and exciting project: Street Art & Graffiti.
* You will learn about lettering styles and practice your own using colour, tone and shading.
* You will look at the work of street artists, their styles, materials and messages and create your own characters.
* You will discuss the concepts of street art as either ‘Art or Vandalism’.
* You will look at the work of Banksy and the messages portrayed in his work.
 | <https://www.youtube.com/watch?v=4GNoUYZhrT0><https://www.youtube.com/watch?v=wP42X6ydl1E><https://www.youtube.com/watch?v=wA-NJeAsj8c><https://www.youtube.com/watch?v=4LLC1L-hfXA><https://www.youtube.com/watch?v=K1rEnsFSRJE> | Work pack of resources are available upon request from the 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 19/04/2022 to 27/05/2022**

**Year 8 Music**

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| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| **Unit of Work: Composing for Suspense*** In this unit of work you will look at how music can be used in films to create suspense.
* You will focus on composing your own piece of music using a range of compositional techniques and devices.
* You will also have the opportunity to explore some of the features of Mixcraft including FX.

**Learning Objectives:** * To construct minor scales.
* To evaluate how music is used to create suspense.
* To compose music using Mixcraft.
* To compose music for a brief using a range of musical devices.
* To evaluate compositions.
 | **UC Music Department YouTube Channel**<https://bit.ly/2FEtouh> **Sheet Music Direct Website**Email: music@unity.lancs.sch.ukPassword: Music123**Songsterr**Email: music@unity.lancs.sch.ukPassword: Music123 | Work pack of resources are available upon request from the Art Office. |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Food Technology**

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| **You will learn** | **Online Teaching Resources** | **Teaching Resource/Links** |
| The main aim of the unit is to develop the key practical skills in preparation for GCSE as well as gaining essential life skills. This is by using ‘Foods Around the World’ as a theme for the whole of year 8 projects. You will:* Redevelop existing food products
* Extend their knowledge about hygiene, health & safety within the environment
* Work more independently during practical work by using individual recipe cards
* Gain an understanding about different French, British, Australasian cultures and their cuisines
* Understand lifestyles/ special diets
* Develop their practical skills further

There will also be opportunities for you to:* Understand industrial practice in the given areas
* Develop presentation and research skills

**Practical Work (optional)**Encouragement of carrying out practical work at home linking to the practical activities:Recipes made are: Pear Marble Tray Bake, Quiche, Anzac Biscuits, Bread & Pasties, Cheesecake, Chilli Cobbler, Black Forest Gateau, Lasagne and Fruit Pie. There is a link on the school website for these under the Curriculum. | Use the links below to access the different learning experiences for the module of Food Technology:***Week One***Using the link below, read the fact file and complete the worksheet on Food Origins.[Food Origins](https://www.foodafactoflife.org.uk/11-14-years/where-food-comes-from/food-origins/#GRC)***Week Two***Using the link below, read the presentation on Food Processing methods and complete the worksheet.[Food processing](https://www.foodafactoflife.org.uk/11-14-years/where-food-comes-from/food-origins/#processing)***Week Three***Using the link below, read the presentation on How Food is Sold and complete the worksheet.[How food is sold](https://www.foodafactoflife.org.uk/11-14-years/where-food-comes-from/food-origins/#sold)***Week Four***Using the link below, read the presentation on the Eat Well Guide and complete the worksheet.[Eat Well Guide](https://www.foodafactoflife.org.uk/11-14-years/healthy-eating/eat-well/)***Week Five***Using the link below, read the presentation on Energy Requirements and complete the worksheet.[Energy requirements](https://www.foodafactoflife.org.uk/11-14-years/healthy-eating/energy-and-nutrients/)***Week Six***Using the link below, read the presentation on Diet and Health and complete the worksheet.[Diet and Health](https://www.foodafactoflife.org.uk/11-14-years/healthy-eating/diet-and-health/) | [Secondary Teaching Resources - BBC Teach](https://www.bbc.co.uk/teach/secondary/zkqp47h) Design & Technology – Food Preparation & Nutrition section – class clips [www.foodafactoflife.org.uk](http://www.foodafactoflife.org.uk) 11-14 yrs section Interactive resources [Interactive resources](https://www.foodafactoflife.org.uk/11-14-years/healthy-eating/interactive-resources/)[www.bbcfood.co.uk](http://www.bbcfood.co.uk/) To use the website to access recipes to practise dishes  |
| **Additional Resources** |
| On Satchel OneWeek by week recipes for the products to be madeQuizzes to reinforce learning |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 Design and Technology**

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| **You will learn:**  | **Online Resources** | **Teaching Resources/Links** |
| **How to Design a Munch Box:****Week 1**: Lesson 1 and 2, Analysis of existing products. Investigating and writing a design specification. How lunch boxes are products, case study.**Week 2**: Lesson 3 and 4, Identify a target market and draw initial design ideas for your ‘munch box’.**Week 3**: Lesson 5 and 6, Brand psychology**:** Learn how colour theory and typography can be used to create an identity for your product. Design a logo for your ‘munch box’. **Week 4**: Lesson 7 and 8, Producing your final designs and learning how to draw developments/nets. Drawing in 2 and 3 dimensions, adding logos and researching packaging legislation.**Week 5**: Lesson 9 and 10, Developing and modelling your final design.**Week 6**: Lesson 11 and 12, Presenting your final design.recording and uploading your work.  | **Modelling and prototyping as part of the design process:** <https://www.bbc.co.uk/bitesize/guides/zvkck2p/revision/3>**Injection Moulding process:** <https://www.youtube.com/watch?v=dBiDUzzo5Fs&feature=youtu.be>**Vacuum forming process:**<https://www.youtube.com/watch?v=YJ2khPSVYoo&feature=youtu.be>**Logo creator:**<https://www.designevo.com/>**Card modelling:**<https://www.youtube.com/watch?v=k_9Q-KDSb9o> | Please complete each lesson video link along with the power point which is available in Teams and on Satchel One.Most lessons are paper based but in week 5 and 6 you will need:* Cardboard an old cereal package will do
* Sticky tape (preferably masking tape)
* Scissors
* Glue (glue stick ideally)

At the end of each lesson take a photograph of the work you have completed and send it in to your teacher.A work pack is available on request from the Technology Office. |
| **Additional Resources** |
| You can watch the link videos in the middle column above to follow each lesson in detail. Follow the power point ‘Munch Time’ on Teams and Satchel One. If you cannot access the power point on teams, e-mail your teacher and they will send you a copy.s.brown@unity.lancs.sch.ukc.jones@unity.lancs.sch.uk |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 RE: Big Questions**

|  |  |  |
| --- | --- | --- |
| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| * To compare views about when life begins.
* To make links between types of punishments and their aims.
* To explain different views on capital punishment.
* To evaluate if marriage is important.
* To explain different views on wealth.
* To compare different views on animal experimentation.
* To evaluate if humans are special.
 | [What are the aims of punishment? - Crime and punishment - GCSE Religious Studies Revision - WJEC - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/z3jwb82/revision/4)[Death Penalty Debate - TrueTube](https://www.truetube.co.uk/film/death-penalty-debate)[Death Row: The Victim's Wife - TrueTube](https://www.truetube.co.uk/film/death-row-victims-wife)[BBC Two - A Question of Faith, The concept of marriage in different faiths](https://www.bbc.co.uk/programmes/p01w6t2y)​<https://www.truetube.co.uk/film/so-you-think-youre-poor>[BBC - Ethics - Animal ethics: Experimenting on animals](https://www.bbc.co.uk/ethics/animals/using/experiments_1.shtml) | Work pack of resources are available upon request from the Humanities Office. |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**Year 8 iD**

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| --- | --- | --- |
| **You will learn** | **Online Resources** | **Teaching Resources/Links** |
| Your digital footprint, and how social media can influence you. | <https://riseabove.org.uk/article/do-most-fights-start-online/><https://www.youtube.com/watch?v=6j4xMDXDJMY&safe=active><http://riseabove.org.uk/article/helen-talks-body-image><https://riseabove.org.uk/article/tobi-shinobi-talks-body-image/> | Master pack available from the Humanities office. |
| **Additional Resources** |
| [Bullying and cyberbullying | Childline](https://www.childline.org.uk/info-advice/bullying-abuse-safety/types-bullying/bullying-cyberbullying/)[Bullying and cyberbullying | NSPCC](https://www.nspcc.org.uk/what-is-child-abuse/types-of-abuse/bullying-and-cyberbullying/)[Safer Internet Day 2021 | Safer Internet Centre](https://saferinternet.org.uk/safer-internet-day/2021) |



**Half Termly Overview 19/04/2022 to 27/05/2022**

**KS3 Core PE**

|  |  |  |
| --- | --- | --- |
| **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.
 | <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 videos for you to watch and activities that you can complete at home.<https://padlet.com/mwilliams393/j08dqdvaa3kmozht>Work pack available from the PE Office. |