



Achieving Excellence

Overview of Year 10 Curriculum: Spring Term 2 (March – April 2023)

This is an outline for students, parents and carers of the curriculum that students will be studying this half-term. All lessons are available on Google Classroom, following the same curriculum that is taught in school.

Details of homework and students' timetables are available on the SIMS App-for support please contact aralph@leftwichhigh.com. For regular updates please follow us on Twitter [@leftwichhigh](https://twitter.com/leftwichhigh)

| Subject | Where to find Lessons | Learning Focus and resources |
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| Support & Resources | RM Launch Pad (Log in via the school website) | Go to http://www.leftwichhigh.com/ Click the envelope icon. Log in using school username and password. All learning resources can be found here: Google Classroom; SAM learning; Seneca; MathsWatch; ActiveLearn; Accelerated Reader. For support please contact: passwordreset@leftwichhigh |
| Tutor Time | Google Classroom 10T: ojnd2u 10M: dmsxdwd 10H: 55wfvgc 10S: 5jk5blp 10P: ke25dvv 10N: iefcssu 10O: lv3sigb | Students will follow a planned Tutor Time programme developing skills in Leadership; Organisation; Resilience; Initiative and Communication. Monday: Achieving Excellence (A) Character Development (B) Tuesday: Literacy/Numeracy Challenge Wednesday: Head's Assembly (Hall) Thursday: Debate Friday: Year Leader's Assembly |
| Art & Photography | Year 10 Art: nkwiop5 Year 10 Photography: ermkwdd | Art: Pupils are looking at the 3D sculpture work of Claes Oldenburg. Having created their own 3D sculptures they are going to create a design sheet. They will draw the food they have made, some A6 images that fill the space, (abstract drawing), and will continue to develop their skills using a variety of media. Composition is key here. Photography: Pupils are continuing a portrait project, looking at numerous artists and different ways of producing a portrait. Students will be practising their Photoshop skills, experimenting with many different tools, moving onto more complex photoshop tools, layer masks. They will look at the work of Veerle Symones and use this as an influence. A photoshoot to Chester is also planned. |

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| CC&M | CS AC – iss66xf CS JT - zkey3cj DIT - ofdcv3n Media AC – 5udatzze Media JT – x7myftn Media GV - q7g43da | Computer Science – Programming and theory topics will be posted on GC and linked on SENECA. Developing programming skills, Data Representation, Algorithmic thinking, Cyber Security and Wider Issues with Computing. Aspects of computer Hardware and their functions will be studied. DIT - Component 2 Controlled assessment in supervised conditions for examined times. Topic to be confirmed with the exam board. Media – Component 2 Controlled assessment in supervised conditions for examined times. Topic to be confirmed with the exam board. | | | | | |
| D&T | Google classroom 10A kr7kzfs 10B nbmbzsj | Students will finalise their structures and mechanisms unit, in which students will challenge themselves to build and test to destruction! 2 hours per fortnight will focus on the theoretical element of the subject. This does have a practical focus moving on to detailed studies in the material of their choice. This will lead to the understanding and applying this knowledge to exam style questions, for ST2. D&T work that is accessible from home is on Google Classrooms. Teachers may also email students individually with further details. | | | | | |
| Food Preparation and Nutrition | Google classroom 10a 3pg2d6q 10b qgvey5o | Students will be working on two separate topics. They will study the Functional and Chemical Properties of Food looking closely at dextrinization, caramelisation, gelatinisation and emulsification. They will also look at the use of raising agents. They will continue to work on Nutritional needs and health including planning for specific groups, energy needs and the Eatwell guide. Practical lessons to hone specific skills will continue. FP&N work that is accessible from home is on Google Classrooms. | | | | | |
| EfL with RS | Google classroom Same as Tutor Group | Theme: Making Healthy Choices <table border="1"><tr><td>L4. Why do some people become homeless and why is homelessness on the increase? RS</td></tr><tr><td>L5. CPR Assessment</td></tr><tr><td>L4. Interview Technique</td></tr><tr><td>RS Lesson</td></tr><tr><td>L5. Mock Interviews Evaluation</td></tr></table> Students will explore how to be responsible in the wider world, as preparing and evaluating their mock interviews. | L4. Why do some people become homeless and why is homelessness on the increase? RS | L5. CPR Assessment | L4. Interview Technique | RS Lesson | L5. Mock Interviews Evaluation |
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| English | Google Classroom Whole Cohort - Y10 English Hub: bemopk7 | Students begin their study of Romeo and Juliet and continue studying the Poetry Anthology: Power & Time and Change for Literature, and return to their study of the Non-Fiction paper for Language covering: Literature: Romeo and Juliet: 1&2. Plot familiarisation 3. Prologue + Act 1, Scene I & ii 4. Act 1, Scene iii & iv 5. Act 1, Scene v + Act 2, Scene I 6. Act 2, Scene iii + iv 7. Act 2, Scene v + vi 8. Extract AT Poetry Anthology: Time & Change: 1. As Imperceptibly as Grief 2. Death of a Naturalist 3. The Prelude 4. To Autumn 5. Power and Time & Change Consolidation Language: | | | | | |

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| | | <div>Non-Fiction Reading:</div> <div><div>1. Whales Practice Paper Q1 & 2</div><div>2. Whales Practice Paper Q3 & 4</div><div>3. Whales Practice Paper Q5 & 6</div></div> <div>Transactional Writing:</div> <div><div>1. Article Planning</div><div>2. Article Writing</div><div>3. Informal Letter Planning</div><div>4. Informal Letter Writing</div></div> <div>All lessons, and their relevant resources, are uploaded on the Y10 English Hub (22-23) on Google Classroom. As well as the above, we strongly encourage students to read regularly and complete the weekly assigned Seneca Homework.</div> |
| French | Google Classroom | <div>Half Term 2: Topic: Mes Vacances</div> <div>Week 1 – Extended writings and issues in your town</div> <div>Week 2 – say where you go on holiday</div> <div>Week 3 – Talk about past holidays</div> <div>Week 4 – Describe an ideal holiday</div> <div>Week 5 – Learn how to book rooms in a hotel</div> |
| Geography | Geography Google Classroom hub: nz37s3z | <div>Students are taught Physical geography topics interleaved with Human geography topics, alternating between lessons.</div> <div>Human geography topics:</div> <div>The Changing Economic World</div> <div>The place of the UK in the wider world</div> <div>Tropical rainforest ecosystems</div> <div>Tropical rainforests characteristics</div> <div>Animal adaptations in tropical rainforests</div> <div>Causes and effects of deforestation</div> <div>Fieldwork</div> <div>L1 – Introduction to fieldwork, SMART enquiry, primary and secondary data</div> <div>L2 – Risk assessment of the physical and human elements of our fieldwork</div> <div>L3 – Types of data and sampling methods</div> <div>L4 – Data collection methods</div> <div>L5 – Introduction to New Brighton and our data collection methods</div> <div>L6 - Pre fieldwork New Brighton tourism and regeneration research</div> |
| History | Google Classroom | <div>Year 10 continue to interleave between new topics Germany 1890-1945 & Elizabethan England 1588-1603 :</div> <div><div><div>P1 – Germany</div><div><u>Pt 2 – Weimar Germany</u></div><div>• Stresemann & Golden Age x2</div><div>P1 – Germany</div><div><div><u>Pt2 – The Depression</u></div><div>Impact</div><div>Nazi Popularity</div><div>Political Deal</div><div>Reichstag Fire to Enabling Act</div><div>NLK to Fuhrer</div></div></div><div><div>P2 - Elizabeth</div><div><u>Pt 2 – Threats at home & abroad</u></div><div><div>• Jesuits x1</div><div>• Puritans x1</div><div>• Conflict with Spain x2</div></div><div><u>Pt 3 – Life in England</u></div><div><div>• Fashions and Gentry x1</div><div>• Theatre x1</div><div>• Poverty x2</div></div></div></div> <div>All resources can be found on Google Classroom and students should access live lessons via Teams if isolating and well enough to work.</div> |

| Maths | <p>MathsWatch Google Classrooms</p> <p>Higher- rzpqbe2</p> <p>Foundation - xrefrhb</p> | <p>Lesson resources are provided on Google Classroom. Students should complete the work set on MathsWatch. (Username: First2intialssurname@leftwichhigh e.g. John Smith, JoSmith@leftwichhigh) Password: Leftwich</p> <p>Year 10 Higher Week 1 – Cumulative Frequency and Histograms Week 2 – Solving Quadratics Week 3 & 4 – Area, Circumference, Volume & Surface Area Week 5 – Similarity; Volume & Area</p> <p>Year 10 Foundation Week 1 – Conversion Graphs Week 2 – Probability Week 3 – Rounding & Estimation Week 11 – Arcs and Sectors Week 12 – Bearings</p> | | | | | | | | | | | | | | |
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| Music | <p>Google Classroom</p> <p>dvbdphe</p> | <p>AOS4 – Film Music</p> <p>Students will study music that has been composed specifically for a film, music from the Western Classical Tradition that has been used within a film and music that has been composed as a soundtrack for a video game. They will discover how to hear and understand how composers use music dramatically and expressively through a variety of musical elements and compositional devices.</p> <p>1. Content and language for learning (5 lessons) 2. Deliberate listening and exam technique (3 lessons) 3. Performing and composing (4 lessons) 4. Easter listening exam (3 lessons)</p> | | | | | | | | | | | | | | |
| PE | <p>Google Classroom</p> | <p>Lesson resources can be found for both courses on Google Classroom.</p> <table><tr><th colspan="2">GCSE PE Year 10</th></tr><tr><td>Teacher</td><td>HM/ST</td></tr><tr><td rowspan="5">Unit 1</td><td>Excess post-exercise oxygen consumption (EPOC)/oxygen debt as the result of muscles respiring anaerobically during vigorous exercise and producing lactic acid.</td></tr><tr><td>The recovery process from vigorous exercise.</td></tr><tr><td>Immediate effects of exercise (during exercise).</td></tr><tr><td>Short-term effects of exercise (24 to 36 hours after exercise).</td></tr><tr><td>Long-term effects of exercise (months and years of exercising).</td></tr></table> <table><tr><th colspan="2">Cambridge National Sports Studies Year 10</th></tr><tr><td>Teacher</td><td>JT</td></tr></table> | GCSE PE Year 10 | | Teacher | HM/ST | Unit 1 | Excess post-exercise oxygen consumption (EPOC)/oxygen debt as the result of muscles respiring anaerobically during vigorous exercise and producing lactic acid. | The recovery process from vigorous exercise. | Immediate effects of exercise (during exercise). | Short-term effects of exercise (24 to 36 hours after exercise). | Long-term effects of exercise (months and years of exercising). | Cambridge National Sports Studies Year 10 | | Teacher | JT |
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| | | <p>R185 Performance and leadership in sports activities. (Practical and Coursework)</p> | <p>(See Google Classroom for further guidance and LO objectives)</p> <ul style="list-style-type: none">• Respond to class feedback and improve coursework further.• Practical lessons – Officiating delivery and Practical assessments. |
| | | <p>R184 Contemporary issues in Sport (Exam)</p> | <p>Week by week lesson delivery. The theory delivery does not start until after April half term.</p> <ul style="list-style-type: none">• User groups• Barriers in Sport• Popularity of sports• Performance enhancing drugs <p>(See Google Classroom for further guidance and exam questions)</p> |
| RS | <p>Google Classroom</p> <p>Central Hub (sw3wmlf)</p> | <p>Students will study the topic Muslim Practices this half-term. This topic will give the students a chance to explore specific practices that are important to the Muslim faith.</p> <p>All lesson resources are available on the Google Classroom central hub. Whilst studying the course, students will be set a workbook to complete as homework. They will have their own copy of the workbook, but it can also be found on Google Classroom. Students will complete the workbooks alongside studying the course to reinforce their understanding.</p> <p>As part of the Muslim Practices topic students will study the following lessons: Lesson 1 & 2: An introduction to the 5 pillars of Islam Lesson 3 & 4: Zakah and Sawm Lesson 5: Developing exam technique Lesson 6 & 7: The Hajj and 10 Acts Lesson 8 & 9: What Jihad means to Muslims Lesson 10: Developing exam technique</p> | |
| Science | <p>Teams (GCSE Science folder) Seneca & SAM learning.</p> | <p>Biology:</p> <p>1-2. Transpiration (1-2 lesson) 3. Factors affecting transpiration (1 lesson) 4-5. Using a potometer (1-2 lessons) 6. Stomata and microscopes (1 lesson) 7. Translocation (1 lesson)</p> <p>Link to Biology Resources</p> <p>Chemistry:</p> <p>1. Energy changes during a reaction – exothermic & endothermic (1 lesson) 2. Reversible reactions (1 lesson) 3 & 4. Equilibrium (2 lessons) 5. Purity & formulations (1 lesson) 6. Potable water (1 lesson) 7. Waste water (1 lesson)</p> <p>Link to Chemistry resources</p> <p>Physics:</p> <p>1, 2 & 3 Electromagnetic induction, generators and induction – separates (3 lessons)</p> | |

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| | | <p>4/5 - The motor effect – HT (2 lessons)</p> <p>6/7 - Momentum – HT (2 lessons)</p> <p>8/9 - Structure and history of the atom (2 lessons)</p> <p>10 - Types of radiation (1 lesson)</p> <p>11 - Measuring radiation (1 lesson)</p> <p>Link to Physics resources</p> |
| Spanish | Google Classroom | <p>Topic: Free time <i>There may be slight variation due to staff completing Y11 speaking exams</i></p> <p>Week 1 – Say what you normally do in your free time</p> <p>Week 3 – More on free time and leisure</p> <p>Week 4 – Talking about people who inspire you</p> <p>Week 5 – Preparation and completion of extended written task</p> |