



Achieving Excellence

Overview of Year 10 Curriculum: Spring Term (January – February 2021)

This is an outline of the lessons that students will have this term and wherever possible follows the same curriculum that is taught in school. We have asked students to continue to follow their usual timetable, by joining live lessons on Teams. If the lesson is not on the calendar, please go the class team and join the lesson there. All lesson materials are available on Google Classroom and most work will be handed in there as Assignments. If students have any difficulties, please email the teacher. We encourage students to take short breaks between lessons and to get up and move. For support with remote learning and accessing Teams and Google Classroom please visit the school website http://www.leftwichhigh.com/news/news_coronavirus_guidance_support_2020.html. Further assistance is available from the Learning Support Team. Please follow us on Twitter [@leftwichhigh](https://twitter.com/leftwichhigh)

Subject	Lessons per fortnight	Where to find Lessons	Learning Focus and resources
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: passwordrest@leftwichhigh.com 'First News' – newspaper for students, available on the website.
Year Leader	Weekly Assembly		Weekly assembly via Teams at 9am every Monday
Tutor Time	Daily Sessions	Google Classroom Drake: urf4ofm Grylls: ttomiwg Hudson: yulqxxu Kingsley: LhqLqd Livingstone : jbxghv2 MacArthur: zpqsnxm Stark: i3opavp	Students will follow a planned Tutor Time programme at 9am live on Teams. Tuesday - Tutors check in and Q&A Wednesday – Character Development (Skills in Leadership; Organisation; Resilience; Initiative and Communication) Thursday - Tutors check in and Q&A Friday – Mr Snelson's assembly
Art & Photography	5	Google Classroom Group emails	Art: Students are starting to look at the Artist Ernst Haeckel they are carrying out some initial research on his work and then looking at Jellyfish and mushrooms. They will be completing a series of drawings using different media. At the end of each lesson, students will upload the work they have completed. The instructions and examples are on Google Classroom.

		Art <i>vtnycfd</i> Photography <i>7kaskad</i>	Photography: Students are working on a Portraiture project. Taking a series of photographs and exploring with editing apps at home to develop a photomontage. At the end of each lesson, students will upload the work they have completed. The instructions are on Google Classroom.
CC&M	5	Teams Calendar and Classes Google Classroom 10a Gi1 [kzit2as] 10a Co1 [t7gfd5p] 10b Co1 [3zfbedi] 10a Me1 [2jjh4rp] 10b Me1 [ppderl3] 10c Me1 [nbmbeep]	SENECA 10a Co1: <i>rgus8ehnzc</i> 10b Co1: <i>Uw1n46ogv</i> Live lessons will be hosted on Teams and the recordings of the sessions added to Google Classroom in case they are missed. Please check both the calendar and individual classes for the lessons on Teams. 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. DIT – Project methodologies - outlining and explaining waterfall and iterative project methodologies; Co-ordinating project tasks - explaining the use of task dependency tables, Gantt charts and PERT charts when co-ordinating project tasks; Testing strategy - demonstrating how to test a user interface using functional testing and user testing methods; Developing a user interface - students to use planning resources to develop a mock up user interface; Refining the user interface - an overview of the feedback loop – and the differences between closed loop and open loop feedback; Reviewing the user interface - Students use checklists to review the user interface they have created; Reviewing the project planning techniques - Students use checklists to review the project planning techniques they have used when producing their user interface. Media – Assignment briefs will be added to GC. Students will be focussing on Pre-Production techniques for video. Live lessons will be hosted on Teams and the recordings of the sessions added to Google Classroom in case they are missed.
D&T	2 lessons (5 hours)	Google classroom 10A wjgrbqg 10B iaz4fw5	Whilst learning remotely, we will focus on the theory required for the examination, focusing on Timber, Polymers, Textiles and Metals. This then leads into further learning in their own chosen material area. All theory lessons are available on the Google Classroom. On the return to school students will complete their structures unit by testing and analysing the performance of their bridge. Student will start to work on a mock NEA task later this term.
Food Preparation and Nutrition	2 lessons (5 hours)	Google classroom nxkm7ip	Students will be continuing to work on their Nutrients topic learning about Macronutrients and Micronutrients, looking in depth at Proteins, Carbohydrates, Fats and oils, Vitamins and Minerals. They will also study the eat well, guide, life stages, energy needs and nutritional analysis as part of their topic on Nutritional Needs and Health. Pupils will be expected to practice their practical skills at home.
EfL with RS	2	Google classroom Drake: urf4ofm Grylls: ttomiwg	Theme: Preparing for Virtual Mock Interviews Students will prepare how to prepare a CV and support letter, to apply for an apprenticeship. They will then be given advice and guidance on how to conduct themselves in a formal interview. They will be at a later date be interviewed virtually by real employers for the jobs they have applied for.

		Hudson: yulqxxu Kingsley: Lhqqlld Livingstone : jbxghv2 MacArthur: zpqsnxm Stark: i3opavp													
English	8	Google Classroom [Y10 English Hub: yhtbcfg]	Students will begin analysing in depth the characters and themes in 'Blood Brothers'. Furthermore, they will study a selection of poems from the Poetry Anthology on the topics of Relationships and War. In addition, students will explore the skills of the Component 1 Language exam, focusing on their analysis of fiction through the reading of a selection of short stories and the development of their Creative Writing skills. All lessons are available on the Year 10 Hub, each resourced with PowerPoints and supporting resources, and will also be made available on individual teacher classrooms. Students will hand in their work on their teacher's Google Classroom.												
French	5	Google Classroom / Pearson Active Learn	<p>Half Term 1 Topics: Customs and Traditions - Students learn how to communicate and understand information about cultural celebrations and traditions in the French speaking world developing the five key exam skills: listening, reading, writing, speaking and translation. Each fortnight students will have one exam skills lesson that focuses on one of the five main skills. Students will also complete an assessed 90-word writing task in line with GCSE requirements. All lessons will be available on individual teacher's Google Classroom.</p> <table border="1"> <thead> <tr> <th>Class</th> <th>Teacher</th> <th>Google Classroom code</th> </tr> </thead> <tbody> <tr> <td>10s/FrLL</td> <td>Mrs Lemon</td> <td>msw3pnm</td> </tr> <tr> <td>10rFrDS</td> <td>Mr Smith</td> <td>dtq7526</td> </tr> <tr> <td>10sFrDS</td> <td>Mr Smith</td> <td>7yf74kc</td> </tr> </tbody> </table>	Class	Teacher	Google Classroom code	10s/FrLL	Mrs Lemon	msw3pnm	10rFrDS	Mr Smith	dtq7526	10sFrDS	Mr Smith	7yf74kc
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Geography	5	<p>10RG11 - (VR) jhrxwnx</p> <p>10RG2 - KP opiarhz</p> <p>10AG1 - SB a64m53e</p> <p>10SG1 - KP nn7iqwc</p> <p>10SG2 - SB y5fxeke</p>	<p>Live lessons are to be accessed via Teams' class. Resources are downloaded from, and completed work to be uploaded via, Google Classroom (codes opposite)</p> <p>As part of the Physical Geography topics students will initially study <i>Ecosystems</i>. Areas of study will include the balance between components within an ecosystem. the impact on the ecosystem of changing components and an overview of the distribution and characteristics of large scale, natural, global ecosystems. Students will then move on to study the topic of <i>Tropical Rainforests</i>. Areas of study will include the physical characteristics of a tropical rainforest, their climate, distribution and characteristics, as well as how plants and animals have adapted to the physical environment.</p> <p>As part of the Human Geography topics students will Complete '<i>The Changing Economic Futures</i>' topic, a part of the wider topic of '<i>The Changing Economic World</i>'. Students study how the economy of the UK is changing and the impact that this has on the employment structure within the UK. Students then move on to study the impact of these changes around the UK.</p>												

<p>History</p>	<p>5</p>	<p>Google Classroom Mr Lennon: 10R: <i>djrlsoe</i></p> <p>Mr Oldham: 10S: <i>yh4ay4g</i> 10B: <i>fsj4hrf</i></p> <p>Mr Williams: 10R: <i>h44ewfe</i> 10S: <i>soixheg</i></p>	<p>Y10 continue to interleave their studies between Germany 1890-1945 & Elizabethan England 1588-1603</p> <table border="1"> <tr> <td data-bbox="584 73 1023 862"> <p>P1 – Germany <u>Pt1 – Kaiser’s Germany</u></p> <ul style="list-style-type: none"> • The Kaiser and his government • Problems of ruling • Navy Laws • Review Kaiser • Impact of World War 1 • Weimar declared <p><u>Pt1 – Weimar Germany</u></p> <ul style="list-style-type: none"> • Weimar declared • Treaty of Versailles • Political threats • Economic threats • Nazis and Munich Putsch </td> <td data-bbox="1023 73 1560 862"> <p>P2 - Elizabeth <u>Pt 1 – Elizabeth’s court and Parliament</u></p> <ul style="list-style-type: none"> • Elizabeth becomes Queen/background • Life at court • Marriage & Succession • Problems with Parliament • Religious Settlement • <p><u>Pt 2 – Threats at home & abroad</u></p> <ul style="list-style-type: none"> • Religious Threats: • Plots against Elizabeth x3 • Jesuits • Puritans • Conflict with Spain </td> </tr> </table>	<p>P1 – Germany <u>Pt1 – Kaiser’s Germany</u></p> <ul style="list-style-type: none"> • The Kaiser and his government • Problems of ruling • Navy Laws • Review Kaiser • Impact of World War 1 • Weimar declared <p><u>Pt1 – Weimar Germany</u></p> <ul style="list-style-type: none"> • Weimar declared • Treaty of Versailles • Political threats • Economic threats • Nazis and Munich Putsch 	<p>P2 - Elizabeth <u>Pt 1 – Elizabeth’s court and Parliament</u></p> <ul style="list-style-type: none"> • Elizabeth becomes Queen/background • Life at court • Marriage & Succession • Problems with Parliament • Religious Settlement • <p><u>Pt 2 – Threats at home & abroad</u></p> <ul style="list-style-type: none"> • Religious Threats: • Plots against Elizabeth x3 • Jesuits • Puritans • Conflict with Spain
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<p>Maths</p>	<p>8</p>	<p>MathsWatch h Google Classrooms</p> <p>DB kxp44vj PW p25kfnv MKi nevcdt RF xortiw7 EG hc63l3v TA az4vhhz CM xmm3ehx SW bspfosr</p>	<p>Lesson resources are provided on Google Classroom on TEAMS. Students should complete the work set on MathsWatch when directed to by their teacher. Username: First2intialssurname@leftwichhigh (e.g. John Smith, JoSmith@leftwichhigh) Password: Leftwich</p> <p><u>Year 10 Foundation</u></p> <p>Week 1 – Tessellation, Plans & Elevations Week 2 – Compound Measures and Travel Graphs Week 3 – Area and Perimeter Week 4 – Expand and Factorise Week 5 – Solve Linear Inequalities Week 6 – Scatter Diagrams and Time Series</p> <p><u>Year 10 Higher</u></p> <p>Week 1 - Trigonometry Week 2 – Rates of Change Week 3 – Congruence & Similarity Week 4 – Sine & Cosine Rules Week 5 - Sine & Cosine Rules Week 6 – Equations of Circles</p>		
<p>Music</p>	<p>5</p>	<p>Google Classroom G2us76d</p>	<p>AOS3 – Rhythms of the World Students will study the traditional rhythmic features of Classical Indian music and traditional Punjabi Bhangra, traditional Eastern Mediterranean and Arabic folk rhythms, with particular focus on traditional Greek, Palestinian and Israeli music, traditional African drumming and traditional Calypso and Samba.</p>		

Each week, students will be encouraged to spend some time on each of the following areas and will be guided during the live sessions:

Content and language for learning
 Deliberate listening and exam technique
 Performing and composing

Lesson resources can be found for both courses on Google Classroom.

GCSE PE Year 10	
Teacher	JT
Class Code	ngi7zxv
Unit 1 Applied Anatomy and Physiology	<ul style="list-style-type: none"> The Structure and Function of the Cardio-respiratory System Aerobic/Anaerobic Exercise The Effects of Exercise <p>(See google classroom for further guidance)</p>
Unit 2 Movement Analysis	<ul style="list-style-type: none"> Types of Levers Basic Movements Planes of Movement and Axes of Rotation
Practical	<ul style="list-style-type: none"> Week A – Handball Week B - Circuit, Continuous, Interval and Fartlek training in preparation for coursework

Cambridge National Sports Studies Year 10	
Teacher	MT
Class Code	4rksqsl
R052 Developing Sports Skills (Coursework)	<ul style="list-style-type: none"> Evaluation of 6-week plan EBI responses to feedback Final hand in <p>(See google classroom for further guidance and LO objectives)</p>
R051 Contemporary issues in Sport (Exam)	<ul style="list-style-type: none"> Performance enhancing drugs Hosting major sporting events National Governing Bodies Exam practice Structure of response <p>(See google classroom for further guidance and exam questions)</p>
Practical	<ul style="list-style-type: none"> Table tennis officiating programme

PE

5

Google Classroom

<p>RS</p>	<p>5</p>	<p>Google Classroom</p> <p>Central Hub (undah6t)</p> <p>10a ESM (pys4mvd)</p> <p>10b ESM (72ltvok)</p> <p>10a EJ (r7vnruc)</p> <p>10b EJ (mnolp6z)</p>	<p>Students are starting the GCSE course Muslim Beliefs and teachings this half-term. Within this topic, students will cover: The Nature of Allah; Prophethood; Angels; Akhirah; Comparison of Sunni and Shi'a beliefs. After half term, and until Easter holidays, students will continue to study Islam but learn about Muslim Practices. Within this topic, students will cover: The five pillars of Sunni Islam; The 10 obligatory acts of Shi'a Islam; Jihad and Festivals</p> <p>This will give the students a chance to explore Islam on a deeper level than they have before and consider the impact of these beliefs and practices on individual believers today.</p> <p>Whilst studying the course, students will be set a workbook to complete at home. They will have their own copy of the workbook, but it is also on the central hub GC. They will complete these alongside studying the course.</p> <p>All lessons will be posted on the GC central hub. The individual Google Classroom will be used for specific instructions or resources from their subject teacher. Please ensure that students join both the central hub and their individual class to ensure they don't miss anything they need.</p>
<p>Science</p>	<p>9 (3 per science)</p>	<p>Google Classroom, Seneca & SAM learning.</p> <p>[qesejz]</p>	<p>Biology:</p> <ul style="list-style-type: none"> • Enzymes Structure (1 lesson) • Enzymes and digestion (1-2 lessons) • Food test required practical (1-2 lessons) • Enzymes and pH and Temperature (1 lesson) • Amylase required practical (1-2 lessons) • Photosynthesis (1 lesson) • Testing a leaf for Starch (1 lesson) • Limiting factors (1 lesson) • Uses of glucose (1 lesson) • Optimising food production (1 lesson) • Photosynthesis required practical (2 lessons) <p>Chemistry:</p> <ul style="list-style-type: none"> • Metallic Bonding (1 lesson) • Energy changes during a reaction – exothermic & endothermic (1 lesson) • Reversible reactions (1 lesson) • Equilibrium (1 lesson – just definition) • Purity & formulations (1 lesson) • Potable water (1 lesson) • Waste water (1 lesson) • Water required practical – part 1 (1 lesson) • required practical – part 2 (1 – 2 lessons) • Rate of reaction (4 – 6 lessons) <p>Physics:</p> <ul style="list-style-type: none"> • Latent heat (1 lesson) • Lenses (separates) – 4 lessons • Kinetic energy (1 lessons) • Gravitational potential energy and work done (2 lessons) • Magnetism (2 lessons) • Electromagnetic induction, generators and induction (separates) • The motor effect (HT) (1 lesson) • Atomic structure and history of the atom (2 lessons)
<p>Spanish</p>	<p>5</p>	<p>Google Classroom</p>	<p>Half Term 1 Topic: School</p>

Students will learn how to communicate and understand details in longer pieces about school life including school subjects, teachers, facilities, school rules, school trips and extracurricular activities. They extend and build on prior knowledge linking to this topic and learn how to adapt and use previously learnt grammar points within the topic of school. Students also develop a deeper understanding of how to conjugate verbs in the present, past and imperfect tenses. Students also prepare and complete an extended written task of 90 words in line with GCSE requirements. All lessons are available on Google Classroom.

Class	Teacher	Google Classroom code
10r/SpLMa	Mrs Mason	ckwc2c4
10r/SpLB	Miss Barlow	hte3i7t
10S/SpAL	Mrs Lamb	edptm6i
10S/SpSC	Mrs Cresswell	r43qqjn
10r/SpAC	Miss Chew	v3vdcot
Year 10 dual linguists	Miss Chew	xcg6j