

The Winchester School, Jebel Ali

Aim High Holiday Homework

Year 10 Moving to Year 11



Cover page Designed by Prateek Suresh – Year 10

AIM HIGH PROGRESS STUDY PROGRAMME

Dear Parents

In our continued endeavour to engage and enrich our students' learning we have developed the Aim High Progress Study Programme (AHPSP) for your child to work on over the summer vacation. The aim of this programme is to keep students in 'learning mode' so that they continue to make progress without any summer learning loss.

As Year 10 is a part of a two-year IGCSE program, we urge all students to revisit the Year 10 topics and consolidate their learning. They must prepare well for the assessment in the month of September. The AHPSP given below will help them to revise and build up on their existing understanding and develop their application skills.

Another way of helping your child is to look at the Aim High Guided Revision Program for Year 11 posted on the school website, in advance, about the learning modules, which will be covered. Please find below link for Aim High guided revision program.

<https://www.thewinchesterschool.com/for-parents/family-learning-newsletters/>

These are also very useful for new parents. For example, if your child has completed Year 10 in another school, you can look over the Aim High program for Year 10 and 11 and map your child's existing learning to what has been completed at The Winchester School, thus avoiding any gaps.

We hope you will be able to use all these valuable learning resources to support your child in reaching their full potential. The Winchester School values 'Parents as Partners in Learning.'

Please note Thursday 1st July will be the last working day for students for this academic year. The school will be closed for the Summer vacation from Sunday, 4th July 2021 and will reopen for new students and Sixth Formers (Year 12 & 13) on Sunday 29th August 2021 and for all students on Monday, 30th August 2021.

Wish you all a very happy and blessed holidays. Enjoy with family and friends. Looking forward to welcoming you back in the next academic year.

Stay Safe!

Yours sincerely,



Harpreet Kaur
Head of Secondary
The Winchester School, Jebel Ali

Topics for September Assessment:

SUBJECTS	TOPICS	LINKS
English 1st Language	<ul style="list-style-type: none"> • Descriptive writing • Narrative writing • Letter writing (Formal, Informal) • Article writing • Language analysis • Summary writing • Speech writing • Report writing • Journal Writing • Interview Writing • Argumentative Writing • Reading Comprehension 	<p>http://papers.xtremepapers.com/CIE/Cambridge%20International%20A%20and%20AS%20Level/</p> <p>CIE IGCSE/English-First-Language-0500/(PastPapers.Co)</p> <p>Paper 1</p> <p>Reading: Interrogate the Text CIE IGCSE English Revision (savemyexams.co.uk)</p> <p>Language Analysis</p> <p>https://youtu.be/U6Ekq_qT2d4</p> <p>https://youtu.be/3Nid2JW-hfk</p> <p>Paper 2</p> <p>Persuasive Writing: Theory CIE IGCSE English Revision (savemyexams.co.uk)</p> <p>Language IGCSE Ms Duckworth (msduckworthsclassroom.com)</p> <p>Microsoft Word - 0500 First Language English Standards Booklet 2010.doc (wordpress.com)</p> <p>IGSCE English 0500 Example Candidate Response and Syllabus Past Papers Inside</p>
English 2nd Language	<ul style="list-style-type: none"> • Article writing • E-mail writing • Summary writing • Reading comprehension • Review Writing • Report Writing 	<p>http://papers.xtremepapers.com/CIE/Cambridge%20International%20A%20and%20AS%20Level/</p> <p>CIE IGCSE/English-Second-Language-oral-endorsement-0510/ (PastPapers.Co)</p>

		eslmojo.com/wp-content/uploads/2015/02/ESL-Candidate-Responses.pdf
English Literature	<ul style="list-style-type: none"> • Songs of Ourselves – Poetry. • Stories of Ourselves – Prose • Carol Ann Duffy Poems (Fast track) 	https://pastpapers.co/cie/?dir=IGCSE%2FEnglish-Literature-0486
Mathematics (Extended)	<ul style="list-style-type: none"> • Number • Fraction and Percentage • Ratio, Proportion and rate • Estimation and limits of accuracy • Standard form • Algebraic representation and formulae • Algebraic manipulation • Solutions of equations - Linear, simultaneous and quadratic • Sequences • Indices • Angle Properties • Circle theorems • Mensuration • Statistical representation • Statistical measures 	https://www.savemyexams.co.uk/igcse/ https://www.khanacademy.org/math https://www.exam-mate.com/ https://revisionmaths.com/gcse-maths-revision
Physics	<ul style="list-style-type: none"> • Length and Time • Motion • Forces • Turning Effect • Energy • Work and power • Electromagnetic spectrum • Sound • Light • Waves • Atom and radioactivity <p>Access past papers and mark scheme on the links provided and answer relevant questions.</p>	https://physics.info/motion https://www.bbc.com/education/guides/zyydm_p3/revision/1 https://www.youtube.com/watch?v=rQBH_IaxlMO https://www.britannica.com/science/energy https://www.conserve-energy-future.com/different-energy-sources.php www.edinformatics.com/math_science/work_energy_power.html www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre.../lightandsoundrev1.shtml

		<p>http://www.physicsclassroom.com/class/waves</p> <p>https://atomic.lindahall.org/what-is-an-atom.html</p> <p>http://hyperphysics.phy-astr.gsu.edu/hbase/Nuclear/radact.html</p>
<p>Chemistry</p>	<ul style="list-style-type: none"> • The particulate nature of matter • Experimental Techniques • Atoms, elements and compounds • Structure and bonding • The periodic table. • Chemical Reactions • Redox reactions • Electrolysis • Acids, bases and salts • Metals –Patterns, Properties, extraction and uses 	<p>http://www.bbc.co.uk/education/guides/zccmn39/revision</p> <p>http://igcsechemistry2012.weebly.com/states-of-matter.html.</p> <p>http://www.bbc.co.uk/education/guides/zgvc4wx/revision</p> <p>https://socratic.org/chemistry/a-first-introduction-to-matter/separating-mixtures/igcse-chemistry-states-of-matter-and-separation-techniques</p> <p>http://askmichellechemistry.blogspot.ae/2012/08/atomic-structure.html</p> <p>http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa_pre_2011/atomic/</p> <p>http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa_pre_2011/atomic/http://www.bbc.co.uk/schools/gcsebitesize/science/triple_aqa/periodic_table/trends_periodic_table/revision/1/</p> <p>http://www.scool.co.uk/gcse/chemistry/electrolysis/revise-it/different-types-of-chemical-reactions</p> <p>http://www.bbc.co.uk/bitesize/higher/chemistry/reactions/redox/revision/3/</p> <p>http://www.bbc.co.uk/bitesize/higher/chemistry/reactions/redox/revision/3/</p> <p>http://www.slideshare.net/maitreyeej3/acids-bases-and-salts-igcse-chemistry</p> <p>http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel_pre_2011/patterns/</p>

<p>Biology</p>	<ul style="list-style-type: none"> • Characteristics and classification of living organisms • Organisation of the organism • Movement in and out of cells • Biological molecules • Enzymes • Plant nutrition • Human nutrition • Transport in plants • Transport in animals • Diseases and immunity • Gas exchange in humans • Respiration • Drugs 	<p>https://www.savemyexams.co.uk/igcse-biology-cie-new/revision-notes/</p> <p>https://youtu.be/1pUzctS-0ug</p> <p>https://youtu.be/0ZQG_CcU64c</p> <p>https://youtu.be/S2O6sVcUtLU</p> <p>https://youtu.be/_qmNCJxpsr0</p> <p>https://youtu.be/URUJD5NEXC8</p> <p>https://youtu.be/PSRJfaAYkW4</p> <p>https://youtu.be/rb7TVW77ZCs</p> <p>https://youtu.be/c17gPx1-3Ug</p>
<p>Food & Nutrition</p>	<ul style="list-style-type: none"> • An understanding of the terms used in nutrition and nutrition-related problems • Nutritive value of foods • Digestion and absorption • Meal planning and dietary guidelines • Meals for different ages, occupations, cultures and religions. Special needs of: <ul style="list-style-type: none"> ➤ pregnant and lactating women ➤ vegetarians, including vegans and lacto-vegetarians • Meals for special occasions, festivals, packed meals, snacks, beverages. • Basic proportions and methods of cooking • Transfer of Heat in cooking method 	<p>https://www.eatforhealth.gov.au/food-essentials/five-food-groups</p> <p>http://vikaspedia.in/health/nutrition/nutritive-value-of-foods/nutritive-value-of-cereals-and-millet</p> <p>https://www.hsph.harvard.edu/nutritionsource/what-should-you-eat/vegetables-and-fruits/</p> <p>https://www.betterhealth.vic.gov.au/health/healthy-living/fats-and-oils</p> <p>http://africankaya.com/different-raising-agents-baking-powder-baking-soda-yeast-and-eggs-3/</p> <p>https://www.cliffsnotes.com/study-guides/biology/microbiology/food-microbiology/food-spoilage</p>
<p>Accounting</p>	<p>Revise the key concepts, important formats, formulas and practise past paper questions on the following topics –</p> <ul style="list-style-type: none"> • Introduction to Accounting • Double Entry book keeping – Part A & B 	<p>www.myaccountinglab.com</p> <p>Text Book</p> <p>www.dineshbakshi.com</p> <p>www.cie.org.uk</p>


	<ul style="list-style-type: none"> • Trial Balance • Petty Cash book • Books of Prime Entry • Financial Statements – Part A & B • Accounting Rules • Other Payables & Other Receivables • Depreciation & Provision for depreciation • Irrecoverable debts & Provision for doubtful debts • Bank Reconciliation Statement • Trial Balance and errors <p>Solve Past paper questions from all variants of Feb/Mar, May/June and Oct/Nov of 2017 and 2018 - Paper 12 and 21.</p>	<p>www.gceguide.com</p> <p>www.papacambridge.com</p> <p>www.igcsecentre.com</p>
<p>Economics</p>	<p>Revise the following topics thoroughly. You must practise Past Year Papers questions for the below topics –</p> <p>The Basic Economic Problem</p> <p>2. The allocation of resources</p> <p>2.1 Economic Systems</p> <p>2.2 How Markets Work</p> <p>2.3 Social costs and Social benefits</p> <p>3.1- Money and Finance</p> <p>3.2- Occupation and Earnings</p> <p>3.3 - The role of Trade Unions</p> <p>3.4- Spending, Saving and Borrowing</p> <p>4.1 - Types of Business Organisations</p> <p>4.2 – Organisation of Production</p> <p>4.3 – Growth of Firms</p>	<p>www.cie.org.uk – Past paper questions and mark schemes</p> <p>www.dineshbakshi.com – Revision notes and videos</p>

	4.4 – Competition	
Business Studies	<p>Revise the following topics thoroughly. You must practise Past Year Papers questions for the below topics -</p> <p>Unit 1: Understanding business activity</p> <ul style="list-style-type: none"> • Business Activity • Classification of Businesses • Enterprise, Business Growth & Size • Types of business organization • Business objectives & stakeholders' objectives <p>Unit 2: People in business</p> <ul style="list-style-type: none"> • Motivating employees • Organisation and management • Recruitment, selection and training of employees • Internal and external communication <p>Unit 3: Marketing</p> <ul style="list-style-type: none"> • Marketing, competition and the customer • Market Research • Marketing mix Product • Marketing mix Price • Marketing mix Place • Marketing mix Promotion • Technology and the marketing mix <p>Marketing Strategy</p>	<p>www.tutor2u.net</p> <p>www.s-cool.com</p> <p>www.dineshbakshi.com</p> <p>www.xtremepapers.com</p>
Travel & Tourism	<p>Revise the following topics thoroughly for the September Assessment. You must practise Past Year Papers questions on the below topics:</p> <p>Unit 1: The travel and tourism industry</p> <ul style="list-style-type: none"> • Understand and explain the structure of the international travel and tourism industry 	<p>www.cie.uk.org</p> <p>www.xtremepapers.com</p> <p>Cambridge IGCSE Travel and Tourism textbook</p> <p>Use of ICT Tools</p> <p>Near Pod Lesson</p>

	<ul style="list-style-type: none"> • Investigate the social, cultural, economic and environmental impact of travel and tourism • Identify the role of national governments in forming tourism policy and promotion • Investigate the patterns of demand for international travel and tourism <p>Unit 2: Features of worldwide destinations</p> <ul style="list-style-type: none"> • Demonstrate knowledge of the main global features • Demonstrate awareness of different time zones and climates • Investigate travel and tourism destinations • Identify and describe the features which attract tourists to a particular destination <p>Unit 3: Customer care and working procedures</p> <p>Deal with customers and colleagues – “the moment of truth”</p> <ul style="list-style-type: none"> • Identify the essential personal skills required when working in the travel and tourism industry • Follow basic procedures when handling customer enquiries, making reservations and payments • Use reference sources to obtain information • Explore the presentation and promotion of tourist facilities 	<p>TED ED LESSON Innovative Padlet Wall (Interactive ICT) Near Pod Interactive lesson Class Debate Spiral.Com Coggle.it Paerdeck.com Stormboard.com Canva.com- Creating Posters Pictochart.com Jamboard.google.com</p>
Sociology	<ul style="list-style-type: none"> • Unit 1: Research Methods • Unit 2: Culture, Identity and Socialisation • Unit 3: Family • Unit 5: Education 	<p>Sociology course book: - Jonathan Blundell https://papers.xtremepape.rs/CAIE/IGCSE/Sociology%20(0495)/</p>
Psychology	<ul style="list-style-type: none"> • Development • Memory • Psychological Problems 	<p>Edexcel Psychology textbook or any other General Psychology textbooks.</p>

	<ul style="list-style-type: none"> • Brain and Neuropsychology • Social Influence (Pg 100 to 114) • Research Method (Pg 132- 138) 	
Geography	<ul style="list-style-type: none"> • Population • Earthquake & Volcanoes • Development • Map Skills • Rivers • Coast • Tourism • Migration • Equatorial forest and tropical desert 	https://www.bbc.co.uk/bitesize/guides/z6j6fg8/revision/1 https://www.i-study.co.uk/igcsegeography/industry.html https://www.thegeographeronline.net/migration.html
History	<ul style="list-style-type: none"> • Depth Study: Russia- upto 1917 • Peace Treaties 1919-1923 • League of Nations • Collapse of International Peace by 1939 	https://papers.xtremepape.rs/CAIE/IGCSE/Sociology%20(0495)/ History Text book
Global Perspectives	<ul style="list-style-type: none"> • Employment • Globalisation • Individual Report 	No specific links required. IGCSE past papers and Mark schemes
Environmental Management	<ul style="list-style-type: none"> • Rocks & Minerals • Energy & environment • Agriculture & environment • Water and its management • Oceans & Fisheries • Drought and its impact. • Mapping the drought prone zones. 	https://video.nationalgeographic.com/video/00000144-0a2c-d3cb-a96c-7b2d6b200000 https://courseware.e-education.psu.edu/courses/earth105new/content/lesson07/03.html https://www.metoffice.gov.uk/weather/videos
ICT	<p><u>THEORY</u></p> <ol style="list-style-type: none"> 1.Types and components of computer systems 2. Input and output devices 3. Storage devices and media 4. Networks and the effects of using them 5. The effects of using IT 6. ICT applications <p><u>PRACTICAL</u></p> <ol style="list-style-type: none"> 11. File management 12. Images 13. Layout 	https://www.igcseict.info/theory/ https://www.dineshbakshi.com/ict/ict-worksheets https://www.znotes.org/caie/igcse/ict-0417mrlawsonsclassroom.weebly.com

	<p>14. Styles 15. Proofing 16. Graphs and charts 18. Data manipulation 20. Data analysis 21. Website authoring</p>	
Computer Science	<p>THEORY</p> <ol style="list-style-type: none"> 1. Binary systems and hexadecimal 2. Communication and internet technologies 3. Logic gates and logic circuits 4. Operating system and architecture 5. High and Low level languages <p>Practical</p> <ol style="list-style-type: none"> 1. Problem-solving and design 2. Pseudocode and flowcharts 3. Database 	<p>https://www.computerscience.gcse.guru/ https://znotes.org/caie/igcse/computer-science-0478 https://www.smartnotesonline.com/cie-igcse/computer-science-0478 https://teachcomputerscience.com/cie/</p>
PE	<ul style="list-style-type: none"> • Revise all the topics which we have covered. • Practice past papers. • Work on physical fitness. • Practice the selected games and sports. <p>Practice the following past papers:</p> <p>Paper 1:</p> <p>https://gmsedu-my.sharepoint.com/:b:/p/sushil_k_win/EbOysEFPIUxDsUN5_hgSO5IBFhsiGI0nEOaEvjkbkBoq8g?e=E3EVda</p> <p>Paper 2:</p> <p>https://gmsedu-my.sharepoint.com/:b:/p/sushil_k_win/EcWo9hAST0RAm9DKjyZriT8BwVM</p>	<p>www.bbc.co.uk www.innerbody.com www.physicaleducation.co.uk www.teachpe.com https://www.youtube.com/watch?v=AxDwKP47BNA</p>

	h6U5IBHzGk72IMHEWuw?e=XsvDG8	
Art & Design	<p>Focus: AO2 and AO3</p> <ul style="list-style-type: none"> Engagement and experimentation with a range of media, materials and techniques, including new media where appropriate. growing independence in the refinement and development of ideas and personal outcomes. an imaginative, creative and personal response. 	www.studentartguide.com
French	<p>Ma famille et moi/ Mon temps libre/ la vie saine / Ma maison /la vie urbaine et la vie campagnarde / la vie scolaire et les plans du futur / Ma journée / le shopping / les vacances / les moyens de transport/les nombres + les temps verbaux(présent/ passé composé/ futur proche/ futur simple/ conditionnel / subjonctif) / la règle de si / les adjectifs et les pronoms démonstratifs / les mots interrogatifs / les comparatifs et les superlatifs / les prépositions de lieu /les adjectifs qualificatifs)</p>	<p>https://apprendre.tv5monde.com/en/apprendre-francais/test-your-level</p> <p>https://apprendre.tv5monde.com/en/exercices/a1-breakthrough/le-lycee-cest-fini?exercice=4</p> <p>https://www.bonjourdefrance.com/exercices/decrire-mon-logement-(mon-appartement,-ma-maison)-.html</p> <p>https://www.podcastfrancaisfacile.com/dialogue/achat-dune-robe-2-dialogue-au-magasin-de-vetements.html</p> <p>https://www.podcastfrancaisfacile.com/wp-content/uploads/2020/01/achat-robe-2.pdf</p> <p>http://www.lefrancaispourtous.com/ex_pronoms_demonstratifs.htm</p> <p>http://platea.pntic.mec.es/cvera/hotpot/ecoutes/faire_des_achatsb.htm </p> <p>for the previous link press on “continuez” to move through the exercises</p> <p>https://www.languagesonline.org.uk/French/Grammar/Conditional/1044.htm</p> <p>https://www.languagesonline.org.uk/French/Grammar/Conditional/1046.htm</p>

		<p>https://www.languagesonline.org.uk/French/Grammar/Conditional/1048.htm</p> <p>https://www.languagesonline.org.uk/French/ET2/College/668.htm ↑</p> <p>for the previous links press on ‘Exercice suivant’ to move through the exercises</p> <p>https://www.brainscape.com/packs/higher-french-8391676 ↑</p> <p>pick the topics that we covered and check the flash card .</p> <p>https://www.languagesonline.org.uk/Hotpotatoes/frenchindex.html</p>
<p>Arabic</p>	<p>1- استخدم برنامج أنا أقرأ بالعربية واختر قصة وحدد الآتي:</p> <p>حدد العناصر الفنية للقصة</p> <p>صف شخصيات القصة كما فهمتها</p> <p>اكتب نهاية أخرى للقصة</p> <p>حدد السرد والحوار في القصة</p> <p>2- حوّل الأفكار الواردة في النص إلى مقال إقناعي (الأخلاق رزق من الله)</p> <p>بمعنى أن يكتب مقال إقناعي (يبحث عن أدلة من الحديث والقرآن والحكم والأشعار ليقنع بها القارئ)</p> <p>3- شاهد الفيديو واقرأ المقال ثم اكتب:مشاهدة الدراما العربية أفضل أم الأجنبية،ناقش هذا الرأي موضح رأيك.</p>	<p>https://www.ireadarabic.com/ar/</p> <p>https://www.uae-study.com/2020/09/Writing-a-persuasive-text.html</p> <p>https://www.youtube.com/watch?v=X3l8EEwNe0</p> <p>https://www.youtube.com/watch?v=630utoPcBjQ</p> <p>https://ahzan2009.yoo7.com/t48-topic</p>
<p>Islamic Education</p> <p>Arabs</p>	<p>يحفظ سورة الاحزاب</p> <p>يسجل فيديو وهو يتلو الايات الثمانية من أول سورة الاحزاب</p> <p>يكتب موضوعا عن التنبئ والظهار</p> <p>يكتب بحثا عن الاستعفاق وأثره على الفرد والمجتمع</p>	<p>https://www.youtube.com/watch?v=E-tq3_MWx60</p> <p>https://www.youtube.com/watch?v=DXn_k1_6CxM</p> <p>https://www.youtube.com/watch?v=AxZudH73YQo</p>

<p>Islamic Education (Non- Arabs)</p>	<p>Some topics students should know some about:</p> <ul style="list-style-type: none"> • Stages of the Collection of the Qur'an • The Prophet's, peace be upon him, Methodology in Da'wah • Prophet's methods of taking care of Family • Jihad in the cause of Allah • Tolerance • Rulings on Marriage and divorce • Methodology of thinking in Islam <p>Some activities from which students would choose:</p> <ol style="list-style-type: none"> 1. Record a video explaining the term Jihad. And evaluate how is this term defined in Islam. How to respond to those who accused Islam of being spread by sword. 2. Create a ppt with at least 5 sides explaining how to promote the virtue of tolerance in the Muslim community. Suggest some creative ideas to promote it in our surroundings. 3. Draw a mind map explaining the significance of improving the reasoning faculty and how to elevate the critical thinking in our daily life. 	<p>https://www.youtube.com/watch?v=FlivjvW_KjU</p> <p>https://www.youtube.com/watch?v=UWJTCi8UofA&t=1187s</p> <p>https://www.youtube.com/watch?v=xmIywVyWglE&t=321s</p> <p>https://www.youtube.com/watch?v=CJaomhMGO68</p>