

**ENGLISH MODERN SCHOOL
SECONDARY REVISION GUIDE**

YR10

8TH - 15TH JUNE 2017

EMS END OF YEAR EXAMS



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EMS END OF YEAR EXAMS

REVISION ADVICE

This guide had been put together to show you how you can help your son/daughter revise and prepare thoroughly for their end of year exams. Each subject that they will sit an exam is included in this booklet. Subjects such as Art, Drama and Qatar History will not be examined in the exam week, due to the nature of the subject but instead are being assessed through lesson based tasks.

To revise effectively pupils should try to do an activity rather than just reading the information. By processing the information and re-interpreting it in some way the content is more likely to be remembered. Examples of how this might be done include:

- **Read and re-draft**
- **Condense notes onto cue cards or Post-it notes**
- **Highlight notes**
- **Be tested by a family member**
- **Use example questions**
- **Record, rewind, replay**
- **Mind Maps - <http://www.youtube.com/watch?v=4wZ5wV5dPZc>**
- **Lists**
- **Storyboards**

To make something memorable your child should be encouraged to use **HAIR** - Humour, Association, Imagination and Repetition

Remember the importance of taking regular breaks. Our concentration span in the course of 2 hours dips and follows a bottom line but if we break for 10 mins every 20 mins our concentration levels are heightened so our brain function follows a top line.

Parents can help in a number of ways:

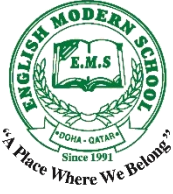
- Ensuring that your child starts to revise early, little and often.
- Help them to plan out what will be done when to ensure that all topics are covered by the exam.
- Discuss the progress of the revision regularly with your son/daughter to make sure that they stay on track throughout the revision period. 'Milestones' and small rewards can be very effective in helping them through what can be an onerous experience.
- Getting involved in the revision. Asking your child to answer questions or explain what they have revised. Get your son/daughter to write themselves questions, then test them on the answer two nights later. Create lists of facts to remember and test them on it.
- Encourage your son/daughter to switch off their mobile phone, TV and other electrical devices so they can concentrate fully on revising and nothing else.
- The importance of revisiting topics as often as possible in order to commit the information to our long term memory is one of the best ways to revise. Without going back over a topic after it is originally studied, 80% of the information is forgotten. We hope you find this guide useful and informative.

The Exam Schedule is available on our school website under parent resources.

Further revision materials is also available on our weebly site.

If you have any questions please do not hesitate to contact the subject contact teacher





المدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

Arabic Revision Guide 2017

ARABIC LANGUAGE YEAR 10

Exam Overview:

- الاختبار ساعتان.
- يحتوي الاختبار على :
 - 1- فهم مقروء.
 - 2- مهارات النحو التي درسها الطالب.
 - 3- لكتابة.

موضوعات الامتحان النهائي للصف العاشر لغة عربية

ملاحظات	الموضوع	فرع المادة
	فهم المقروء وهو عبارة عن نصين عليهما اسئلة النصان سيكونان من أوراق Past paper	فهم المقروء
	أسلوب القسم جملة جواب القسم فهم عمل (إن - أن - إن - أن)	القواعد
	كتابة النقاش - كتابة القصة - كتابة - الوصف. يختار الطالب أحد الموضوعات ثم - يقوم الكتابة عنه	الكتابة

Revision Support:

Ways to help your child:

Online Resources:

- Weebly site: <https://www.weebly.com/>
- <https://www.youtube.com/watch?v=pWHZZHpltkY>

www.cie.org.uk



المدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

ISLAMIC Revision Guide 2017

Exam Overview:

- مدة الاختبار ساعتان

- يحتوي الاختبار على :

1- أفرع المادة (الفقه - السيرة النبوية - التفسير - الآداب و الأخلاق - الحديث - العقيدة)

2- اختبار الشرعية يوم الأحد الموافق 2017 / 6 / 4 م

موضوعات الامتحان النهائي للصف العاشر (شرعية)

ملاحظات	الموضوع	فرع المادة
	أحكام الطلاق الحكم الشرعي وأقسامه	فقه
	الجهاد في الاسلام	سيرة نبوية
	الاستئذان داخل البيوت	تفسير
	وسائل القرب من الله تعالى ونيل محبه	حديث
		الآداب و الأخلاق
	الغلو في حق الرسول عليه السلام - الشفاعة	العقيدة

Revision Support:

Ways to help your child:

Online Resources:

• Weebly site: <https://www.weebly.com/>

<https://www.youtube.com/watch?v=v-N6DWi1Do>



المدرسة الإنجليزية الحديثة
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ISLAMIC Revision Guide 2017

ISLAMIC STUDIES YEAR 10

Exam Overview:

Time of the test : 2 hours

The test on :Monday June 6TH

ISLAMIC – NON-SPEAKER YEAR 10

SUBJECT

What is Islam

Prophet Mohamad (4)

Prophet Adam

Islam and Personal Hygiene

Revision Support:

Ways to help your child:

Online Resources:

- Weebly site: <https://www.weebly.com/>



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French Revision Guide 2017

Exam Overview:

- ◆ **Exam format time: 2 hours.** **Exam weightings: 60%**
- ◆ It will consist of:
- ◆ **Comprehension:** (questions about a text)
- ◆ **Multiple choices:** (in grammar & vocabulary)
- ◆ **Grammar & vocabulary questions.**
- ◆ **Writing** (essay to write)

UNITS/TOPICS TO BE EXAMINED

TOPICS TO BE COVERED	DETAIL
<ul style="list-style-type: none"> • Thèmes (topics) ⇒ <u>Je me présente</u> (I present myself) Présenter une autre personneselon une carte d'identité (presenting another person according to an ID card.) ⇒ La description (description) La ville et la campagne : (the city and the countryside)(advantages and disadvantages) ⇒ Un voyage /des vacances à Paris ⇒ La routine quotidienne e+ La vie scolaire ((daily routines-choollife) Quel temps fait-il ?(the weather) 	<p style="text-align: center;">⇒ WRITING</p>
<p>B/ Grammaire</p> <ul style="list-style-type: none"> * La situation dans le temps au présent, passé et futur. ⇒ Le present de l'indicatif+ les verbes pronominaux ⇒ Le passé composé de l'indicatif: ⇒ avec les verbes réguliers, irréguliers (26) et de mouvement. (13) * L'imparfait + les exceptions ⇒ Le futur de l'indicatif , Le futur proche ⇒ le futur simple avec les verbes réguliers et les verbes irréguliers, Les interrogatifs (question words) ⇒ Les adjectifs possessifs, (Ma/mon/mes ...) ⇒ Les pronoms possessifs, (Le miens/la mienne/le tien/la tienne...) * Les adjectifs démonstratifs , * Les prépositions avec les pays, les villes et les transports. 	<p>(The time line) Past/present & future . (the present tense) + (The reflexive verbs) (the past (regular verbs)/ irregular verbs (26)& movement verbs (13)</p> <p>(the imperfect tense + the exceptions) (The future tense) The near future</p> <p>simple future with regular and irregular verbs)(question words)</p> <p>(The possessives)(démonstratives)</p> <p>(prepositions with the countries, cities and transportations)</p>
<p>C/ Vocabulaire</p> <p>Tous les mots clés qui seront distribués séparément en classe.</p>	<p>Vocabulary</p> <p>The vocabulary will be distributed in class .</p> <p>(in a separate sheet)</p>

IGCSE FRENCH YR 10

Exam Overview:

There will be a 2 hour theory exam (100 marks) which will have questions from units 1 to 6. There will also be questions related to the practical component of spreadsheets as detailed below. This exam makes up 60% of the term's grade.

UNITS/TOPICS TO BE EXAMINED

Theory Exam

UNIT 1: Types and components of computer systems

UNIT 2: Input and output devices

UNIT 3 : Storage devices and media

UNIT 4: Networks and the effects of using them

UNIT 5: The effects of using IT

Unit 6: ICT applications

UNIT 20: Data Analysis

- Count, CountA, CountIf
- Vlookup, Hlookup

Revision Support

Ways to help your child:

Study using the text book (*Information and Communication Technology (Second Edition) By Graham Brown and David Watson*) as well as the class notes found in the student's copy books.

Online Resources:

https://www.ictlounge.com/html/overview_new.htm



Subject Revision Guide 2017

- Exam Overview: End of year exam will last for 2 hrs. Total marks will be out of 100 Marks. There will be multiple choice, structured and alternative to practical questions. This will include Core and Extended questions. Students must bring Calculator, Pen, Pencil, Ruler and Eraser.

• UNITS COVERED WITHIN THE ACADEMIC YEAR

• TERM 1	• TERM 2	• TERM 3
<ul style="list-style-type: none">• UNIT 1: CLASSIFICATION & CELLS AND CELLS PROCESSES• Characteristics of living things• Classification• The kingdoms of living organisms• Viruses• Classifying animals• Classifying plants• Dichotomous keys• CELLS AND CELLS PROCESSES• Cells structure• Cells and organisms• Using microscopes and calculating the size of a specimen• Calculating magnification• Diffusion• Osmosis• Active transport	<ul style="list-style-type: none">• UNIT 4 PLANT NUTRITION AND TRANSPORT• Photosynthesis• Leaves• Uses of glucose• Limiting factors for photosynthesis• The importance of photosynthesis• Plant transport systems• Water uptake• Transpiration• Transport of manufactured food• Translocation• Circulatory systems• The heart; Blood vessels; Blood• Lymph and tissue fluid• Effect of physical exercise on heart rate	<ul style="list-style-type: none">• UNIT 7: PATHOGENS AND IMMUNITY• Transmissible diseases and methods of transmission• Defense mechanisms of the body• The immune system• Vaccinations and their role in controlling spread of disease.• Importance of hygiene and sewage treatment in controlling spread of disease.• UNIT 8: COORDINATION AND RESPONSE• The human nervous system: CNS and PNS, Reflex arcs• Receptors• The structure and function of the eye• The endocrine system: endocrine glands
<ul style="list-style-type: none">• UNIT 2: BIOLOGICAL MOLECULES AND ENZYMES• Structure of carbohydrates, proteins, fats, nucleic acids and their roles in living organisms• The importance of water in living organisms• Identification of biological molecules• Enzymes and how they work• Factors that affect enzyme controlled reactions.• Unit 3: Animal Nutrition• Diet• Digestion• Teeth• The alimentary canal• Digestive system and enzymes• Role of vitamins and minerals in humans	<ul style="list-style-type: none">• UNIT 5: RESPIRATION AND GAS EXCHANGE• Aerobic and anaerobic respiration; oxygen debt.• Equation for aerobic respiration• Equation for anaerobic respiration.• Human gas exchange system.• Effect of exercise on rate and depth of breathing.• Breathing and effects of smoking on lungs.• UNIT 6: TRANSPORT IN HUMANS• The structure and function of the circulatory system; heart, blood vessels.• Function and structure of arteries, capillaries and veins.• How structure fits function.• Structure and function of lymphatic system	<ul style="list-style-type: none">• UNIT 9: Excretion and Homeostasis• Excretion• Excretory products• Nitrogenous waste• The human excretory system• The kidneys, urine formation, filtration, reabsorption, the bladder.• Homeostasis: the role of skin, pancreas and kidney in maintaining a stable internal environment. Reversible reactions

Revision Support

Ways to help your child: Please see the revision tips, & syllabus at

<https://www.weebly.com/editor/main.php>

Online Resources: For revision notes : <http://www.ck-12.org>; <http://www.cellsalive.com>; <http://www.https://www.hhmi.org/biointeractive> ; <http://znotes.org/ig-biology/>

Subject Revision Guide



مدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

IGCSE ENG Literature YR 10

Exam overview:

Paper 1

You will have two hours to answer **two** questions on **two** texts:

- one on a poetry text
- one on a prose text.

There is a choice of two questions (one passage-based and one essay) on each text

TERM 1	TERM 2	TERM 3
<ul style="list-style-type: none"> • UNIT 1: Prose Understand and respond to literary texts in different forms and from different periods and cultures. • Appreciate different ways in which writers achieve their effects 	<ul style="list-style-type: none"> • UNIT 1: Poetry Understand and respond to literary texts in different forms and from different periods and cultures • Explore the contribution of literature to an understanding of areas of human concern 	<ul style="list-style-type: none"> • UNIT 1: Poetry Build confidence in producing informed personal responses to the poems they read, giving brief textual support and precise analytical comment on poetic effect • Appreciate ambiguity and ambivalence in poetry
<ul style="list-style-type: none"> • UNIT 2: Prose Appreciate narrative viewpoint, including particular characteristics of first and third person narrators • Appreciate the writer's use of structure, including foreshadowing and parallelism in the plotting 	<ul style="list-style-type: none"> • UNIT 2: Drama Respond to mood and changes of mood, appreciating how dialogue, monologue or stagecraft contribute to the impact of the play • Appreciate the structure of the play – how Acts and Scenes are arranged for dramatic impact 	<ul style="list-style-type: none"> • UNIT 2: Prose, poetry and drama Students will need to communicate in extended writing informed personal responses to: <ol style="list-style-type: none"> 1. passage-based questions 2. discursive essay questions
<p>Prose students have analyzed and are responsible for:</p> <ol style="list-style-type: none"> 1. <i>Sredni Vashtar</i> by Saki, 2. <i>The Phoenix</i> by Sylvia Townsend Warner, 3. <i>The Prison</i> by Bernard Malamud 4. <i>Billenium</i> by J.G. Ballard 5. <i>The People Who Came Before</i> by Maurice Shadbolt 6. <i>Ming's Biggest Prey</i> by Patricia Highsmith 	<p>Poems students have analyzed and are responsible for:</p> <ol style="list-style-type: none"> 1. <i>The Clod and the Pebble</i> by William Blake, 2. <i>Song</i> by Lady Mary Wroth, 3. <i>Passion</i> by Kathleen Raine, 4. <i>Last Sonnet</i> by John Keats- 5. <i>Love (III)</i> by George Herbert, 6. <i>Lovers' Infiniteness</i> by John Donne, 7. <i>'She was a Phantom of Delight'</i> by William Wordsworth, 8. <i>Tiger in the Menagerie</i> by Emma Jones, 9. <i>Lion Heart</i> by Amanda Chong, 10. <i>Heart and Mind</i> by Edith Sitwell, 11. <i>For My Grandmother Knitting</i> by Liz Lochhead, 12. <i>Father Returning Home</i> by Dilip Chitre 	<p>The drama students have analyzed and are responsible for:</p> <p><i>A View from a Bridge</i> by Arthur Miller</p>

Revision Support

Ways to help your child:

Encourage wider reading and use portfolios as a revision tool. There is also a range of extra revision material on the Weebly link below.

Online Resources:

Weebly site: <http://secondaryems.weebly.com/igcse-english-literature-year-10.html>

Exam Overview: Paper 1 Reading and Writing 2 hours 90 marks.

Candidates answer seven tasks in the paper, testing a range of reading and writing skills. The summary writing will be 100-120 words long and the letter and article writing will each be 150-200 words long. This component is set and marked by Cambridge. This component is eligible for grades A*–E.

Exam timetable can be found on the Weebly site: <http://secondaryems.weebly.com/igcse-english-1st-year-10.html>

Term 3 assessment breakdown—CW 20%, tests 20%, final exam 60%

Please be informed that the listening exam is scheduled on 21st May and is 30% of the final exam mark.

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
<p>UNIT 1: Travel and tourism</p> <p>Reading strategies- Skimming and scanning of newspaper reports about risk and travel abroad Past papers exercise 1 –reading texts with comprehension questions</p> <p>Writing-Formal and informal letter writing, note-making exercise – exam exercise 4 past papers Advertising leaflet/ travel brochure</p>	<p>UNIT 3: Health, fitness and sport</p> <p>Reading strategies-Draw inferences from different texts about food and health, making notes-select and identify the key points in a text, use the title and picture to predict meaning</p> <p>Writing- Informal and formal letter writing, note-taking, article writing - for and against vaccines</p>	<p>UNIT 5: Festivals and celebrations</p> <p>Reading strategies-Reading and discussion Ramadan, weddings, learners read newspaper reports and discuss various grammar and punctuation rules</p> <p>Writing an article for a magazine or leaflet, writing a letter to a newspaper</p>
<p>UNIT 2: Shopping and the consumer society</p> <p>Reading strategies– reading about pros and cons of the Consumer Society, learners are able to identify the main points of an argument and the supporting details</p> <p>Writing– letter of complaint, form-filling exercises, article writing</p>	<p>UNIT 4: Family and lifestyle</p> <p>Reading strategies– instructional texts, recognise and analyse layout features of a text, explore a wide range of feelings and thoughts about being part of a family.</p> <p>Writing- Summary writing, informal letter writing giving advice and directions, writing to persuade- article writing</p>	<p>UNIT 6: Media and films</p> <p>Reading strategies- Film Festival Season texts from BBC- infer the author's attitude and intention</p> <p>Writing-Formal letter writing, writing a film review, making a film festival poster</p>

Revision Support

Ways to help your child:

Encourage wider reading and use notebooks and revision worksheets as a revision tool. There is also a range of extra revision material on the Weebly link below.

Online Resources:

- Weebly site: <http://secondaryems.weebly.com/igcse-english-2nd-year-10.html>
- <https://papacambridge.com/past-papers/cie/sy-qp-ms/igcse/english-0510/>

Exam Overview: Paper 2 & Paper 3

Paper 2 Reading Passages (Extended) 2 hours. Candidates answer three questions on two passages. **Paper 3** –(Extended) 2 hours. Candidates answer two questions, one passage based, one narrative/descriptive. This component is eligible for grades A–E. Exam timetable can be found on the: <http://emsdoha.net/wp-content/uploads/2013/02/Year-7-10-End-of-Term-Exam-Schedule-2017.pdf>

Weightings: 60% End of year exam-20% tests-20% Classwork

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
<p>UNIT 1: Developing reading skills Reading for explicit and implicit meanings Skimming, scanning, paraphrasing, and summarizing Diction Literary devices and how writers use them effectively How writers achieve effects</p>	<p>UNIT 2: Elements of effective writing-general writing Introductory and closing paragraphs Connectors and transitions Writing for an audience-Aristotelian appeals and occasion</p>	<p>UNIT 2: Elements of effective writing-general writing Continued work on Clarity diction, voice, sentence structure, and editing Continued work on fluency and flow.</p>
<p>UNIT 3: Elements of effective writing-specific formats Note-taking and summary writing Informal and formal letters Narrative and descriptive writing Speech writing</p>	<p>UNIT 3: Elements of effective writing-specific formats Newspaper article writing Writing empathically Continued work on summary writing, informal and formal letters, speech writing, and narrative and descriptive writing in preparation for the IGCSE Exam</p>	<p>UNIT 3: Elements of effective writing-specific formats Creative writing-all formats Expository writing Argumentative and persuasive writing</p>
<p>UNIT 4: WIDER READING Reading across genres including poetry, non-fiction, prose (both novels and short stories), drama, blogs, etc.</p>	<p>UNIT 4: WIDER READING Reading across a variety of contexts and assignments including, but not limited to readers theatre, sustained silent reading (SSR), read alouds to ECC and Primary students, reading for pleasure, audiobooks, etc.</p>	<p>UNIT 4: WIDER READING Reading across genres including poetry, non-fiction, prose (both novels and short stories), drama, blogs, etc.</p>

Revision Support

Ways to help your child:

Encourage wider reading and use portfolios as a revision tool. There is also a range of extra revision material on the Weebly link below.

Online Resources:

- **Weebly site:** <http://secondaryems.weebly.com/igcse-english-1st-year-10.html>
- **BBC Bitesize:** <http://www.bbc.co.uk/education>

Exam Overview:

Teachers: Mr. James and Ms. Asmaa

Exam Date and Time: Sunday 11 June 10:30am-12:30pm

Exam Duration: 120 minutes (2 hours)

Exam Paper: Section A, will be modelled on an IGCSE Paper 1 exam paper. Section B, will consist of 25 Multiple Choice questions.

UNITS COVERED WITHIN THE ACADEMIC YEAR

UNITS COVERED WITHIN THE ACADEMIC YEAR		
<p>Section 1 – Understanding business activity</p> <ul style="list-style-type: none"> • Business activity • Classification of businesses • Enterprise, business growth and size • Types of business organisation • Business objectives and Stakeholder objectives 	<p>Section 5 – Financial information and financial decisions</p> <ul style="list-style-type: none"> • Business finance: needs and sources • Cash flow forecasting and working capital • Income statements • Balance sheets • Analysis of accounts 	<p>Section 6 – External influences on business activity</p> <ul style="list-style-type: none"> • Government economic objectives and policies • Environmental and ethical issues • Business and the international economy

Revision Support

Ways to help your child: Ensure that your child has the core text book to learn from.

IGCSE Business Studies - Fourth Edition.

By Karen Borrington and Peter Stimpson. ISBN: 978-1444-17658-2

Online Resources:

- Weebly site



المدرسة الإنجليزية الحديثة
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Subject Revision Guide

Exam Overview: Geography

Teacher: Ms. Gloria

Exam Date and Time: Monday June 12th, 2017 ; 10:30-12:30

Exam Duration: 2 hours

Exam Paper: 1

UNITS COVERED WITHIN THE ACADEMIC YEAR

<p>UNIT 1: Population and Migration</p> <ul style="list-style-type: none"> • Distribution/density • Growth • Structures • Places • Trends • Case studies • Migration definition • Refugees • UK migration 	<p>UNIT 2: Farming and Resources</p> <ul style="list-style-type: none"> • System / types • Farming in UK • Places • Global market and subsistence • Kenya and Egypt • Farming in EU • Food supply and malnutrition • Case studies • What are resources • Non-renewable and renewable • Places • Technologies 	<p>UNIT 3: Plate tectonics</p> <ul style="list-style-type: none"> • Tectonics and Rivers • Types of plate • Volcanic activity • Earthquakes • Places –Etna • LEDC versus MEDC • Case studies •
<p>UNIT 1: Settlement and Urbanization</p> <ul style="list-style-type: none"> • Site and situation • Settlement types • Patterns, functions and hierarchies • Places – OS maps • Urban land use models • CBD • Suburbia / rural-urban fringe • Case studies • Employment structures 	<p>UNIT 2: Industry and Tourism</p> <ul style="list-style-type: none"> • Systems • Location and Places • Government policy • Multinationals • Pacific Rim • LEDC's • Sustainability • Case studies • Trends in tourism • National Parks • Coasts and Mountains • LEDC's and environment 	<p>UNIT 2: Coasts and Field Work</p> <ul style="list-style-type: none"> • Coastal processes and land-forms • Deposition • Response to cliff erosion • Case studies

Revision Support

Copy Books

Text books

Online Resources:

- Weebly site:

IGCSE GEOGRAPHY YR 10



المدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

Subject Revision Guide

Exam Overview: IGCSE Accounting

Teacher: Ms. Marie

Exam Date and Time: Thursday June 15 2017

Exam Duration: 2 hours

UNITS COVERED WITHIN THE ACADEMIC YEAR

UNIT 1: BASICS OF ACCOUNTING <ul style="list-style-type: none">• Introduction to Accounting• Classification of Accounts• Trial Balance• Errors in the Trial Balance• Concept of Debit and Credit• Journal entries	UNIT 3: BUSINESS DOCUMENTS <ul style="list-style-type: none">• Invoice• Debit Note and Credit Note• Statement of Account• Cheque• Receipt• Recording of business documents in the ledgers• Recording of financial transactions in the seven books of prime entry	UNIT 6: FINANCIAL STATEMENTS <ul style="list-style-type: none">• Income Statement• Balance Sheet• Calculation of Net Profit• Calculation of Gross Profit• Preparation of Capital Account ledger
UNIT 2: DOUBLE ENTRY BOOKKEEPING <ul style="list-style-type: none">• Preparation of General ledgers• Preparation of Sales Ledger• Preparation of Purchases Ledger• Preparation of Cashbook• Preparation of Petty Cashbook	UNIT 4: BOOKS OF PRIME ENTRY <ul style="list-style-type: none">• Sales Journal• Purchases Journal• Purchases Return Journal• Sales Return Journal• General Journal• Contra entries in the Sales Journal and Purchases Journal	UNIT 7: OTHER PAYABLES AND OTHER RECEIVABLES <ul style="list-style-type: none">• Accrued expenses• Prepaid Expenses• Accrued Income• Prepaid Income• Effects of accruals and prepayments in the ledgers and financial statements.• Preparation of income and expense ledgers with balances.
	UNIT 5: ACCOUNTING RULES <ul style="list-style-type: none">• Accounting principles• Objectives in Selecting Accounting Policies• Capital and revenue expenditure• Capital and revenue receipt• Inventory Valuation	

Revision Support

- Cambridge IGCSE Accounting textbook by Catherine Coucom
- Past papers provided in class after end of each chapter
- Additional practice calculation worksheets provided in class
- Online Resources:

Weebly site: <http://secondaryems.weebly.com/igcse-accounting-year-10.html>

IGCSE ACCOUNTING YR 10

Exam Overview:

Teacher: Mr. Rob Tucker

Exam Date and Time: Thursday 15 June

Exam Duration: 120 minutes (2 hours)

Exam Paper: Will be modelled on an IGCSE Paper 1 exam paper. Students will answer three questions, each with three subdivisions.

UNITS COVERED WITHIN THE ACADEMIC YEAR

UNIT 1: The Treaties of 1919 – 1923 – fair or unfair? Versailles Settlement The views of the Big 3 Germany and Clause 232	UNIT 3: Germany Abdication and Armistace The Weimar Republic The rise of the Nazi Party Germany – 1919 -1923 Germany – 1924 – 1929 The Great Depression Years and the Rise of the Nazi's Germany –The Nazi years – 1933 - 1939. Policies, plans, progress, propaganda and events.	UNIT 5: The Cold War Korea The Cuban Missile Crisis
UNIT 2: The Formation and workings of the League of Nations Reasons for its formation Composition Workings in the 1920's The Great depression Failures in the 1930's Manchuria + Abyssinia	UNIT 4: Post War Europe and the start of the Cold War 1945 – 1949 (Yalta/ Potsdam) W. Germany Truman Doctrine/ The Marshall Plan The Long telegram + the Domino Theory	

Revision Support

Ways to help your child: Ensure that your child has all three text books to learn from.

20th Century History: Chapters 1, 2, 3, 4, 5 and 9.

World History: Pertinent pages

Germany: Whole text book

Online Resources:

- Weebly site: Contains the Revision Guide.



المدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

Mathematics Revision Guide

IGCSE CORE MATHEMATICS YR 10

Exam Overview:

The examination will consist of Core level IGCSE past paper questions taken from CIE papers 1 and 3 syllabus 0580. It will be a 2 hour exam and students are expected to answer all the questions. Use of calculators and geometrical instruments is essential.

Weightings for this term: 60% End of year exam - 20% tests - 20% Classwork

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
UNIT 1: NUMBER SECTION Ch. 1: Number Concepts <ul style="list-style-type: none">Number types, multiples and factors, primes, LCM and HCF, powers and roots, working with directed numbers, BODMAS, rounding Ch. 5: Fractions <ul style="list-style-type: none">Equivalent fractions, operations on fractions, percentages and operations with percentages, standard form, estimations Ch. 9: Sequences and Sets <ul style="list-style-type: none">Sequences, rational and irrational numbers	UNIT 3: GEOMETRY Ch. 3: Lines, angles and shapes <ul style="list-style-type: none">Lines and angles, triangles, quadrilaterals, polygons, circles, constructions Ch. 7: Perimeter, Area and Volume <ul style="list-style-type: none">Perimeter and Area in 2-D, 3-D objects, surface area and volume of solids Ch. 11: Pythagoras theorem and similar shapes <ul style="list-style-type: none">Pythagoras theorem, understanding similar triangles, understanding congruence	UNIT 5: NUMBER SECTION Ch. 12: Averages and measures of spread <ul style="list-style-type: none">Different types of average, making comparison using averages and ranges, calculating averages and ranges for frequency data Ch. 13: Understanding Measurement <ul style="list-style-type: none">Understanding units, time, upper and lower bounds, conversion graphs, exchange rates
UNIT 2: ALGEBRA Ch. 2: Making sense of Algebra <ul style="list-style-type: none">Using letters to represent unknown values, substitution, simplifying expressions, working with brackets, indices Ch. 6: Equations and transforming formulae <ul style="list-style-type: none">Further expansions of brackets, solving linear equations, factorizing algebraic expressions, transformation of a formula	UNIT 4 : HANDLING DATA Ch. 4: Collecting, organizing and displaying data <ul style="list-style-type: none">Collecting and classifying data, organizing data, using charts to display data Ch. 8: Introduction to probability <ul style="list-style-type: none">Basic probability, theoretical probability, probability that an event does not happen, probability when an event is mutually exclusive	UNIT 6: HANDLING DATA Ch. 16: Scatter diagrams <ul style="list-style-type: none">Introduction to bivariate data, correlations, line of best fit, making predictions Ch. 20: Histograms and frequency distribution diagrams <ul style="list-style-type: none">Histograms

Revision Support

Ways to help your child:

Encourage your child to dedicate time each day to review math topics.

There is also a range of extra revision material on the Weebly link below.

- Weebly site:** <http://secondaryems.weebly.com/igcse-math-year-10.html>
- Exam time schedule link:** <http://emsdoha.net/wp-content/uploads/2013/02/Year-7-10-End-of-Term-Exam-Schedule-2017.pdf>



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Mathematics Revision Guide

IGCSE EXT. MATHEMATICS YR 10

Exam Overview:

The examination will consist of Extended level IGCSE past paper questions taken from CIE papers 2 and 34 syllabus 0580. It will be a 2 hour exam and students are expected to answer all the questions. Use of calculators and geometrical instruments is essential.

Weightings for this term: 60% End of year exam - 20% tests - 20% Classwork

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
UNIT 1: NUMBER SECTION <u>Ch. 1: Number Concepts</u> <ul style="list-style-type: none"> Number types, multiples and factors, primes, LCM and HCF, powers and roots, working with directed numbers, BODMAS, rounding <u>Ch. 5: Fractions</u> <ul style="list-style-type: none"> Equivalent fractions, operations on fractions, percentages and operations with percentages, standard form, estimations Reverse percentages <u>Ch. 9: Sequences and Sets</u> <ul style="list-style-type: none"> Sequences, rational and irrational numbers Venn diagrams 	UNIT 3: GEOMETRY <u>Ch. 3: Lines, angles and shapes</u> <ul style="list-style-type: none"> Lines and angles, triangles, quadrilaterals, polygons, circles, constructions <u>Ch. 7: Perimeter, Area and Volume</u> <ul style="list-style-type: none"> Perimeter and Area in 2-D, 3-D objects, surface area and volume of solids Perimeters and areas of circular sectors, volumes and surface areas of pyramids, cones and spheres <u>Ch. 11: Pythagoras theorem and similar shapes</u> <ul style="list-style-type: none"> Pythagoras theorem, understanding similar triangles, understanding congruence Unknown lengths of similar shapes, relationships between sides and areas of similar shapes, calculate volume and surface areas of similar shapes 	UNIT 5: NUMBER SECTION <u>Ch. 12: Averages and measures of spread</u> <ul style="list-style-type: none"> Different types of average, making comparison using averages and ranges, calculating averages and ranges for frequency data Construct and use frequency tables for grouped data, uneven group intervals <u>Ch. 13: Understanding Measurement</u> <ul style="list-style-type: none"> Understanding units, time, upper and lower bounds, conversion graphs, exchange rates Solving problems with upper and lower bounds
UNIT 2: ALGEBRA <u>Ch. 2: Making sense of Algebra</u> <ul style="list-style-type: none"> Using letters to represent unknown values, substitution, simplifying expressions, working with brackets, indices Working with fractional indices <u>Ch. 6: Equations and transforming formulae</u> <ul style="list-style-type: none"> Further expansions of brackets, solving linear equations, factorizing algebraic expressions, transformation of a formula 	UNIT 4 : HANDLING DATA <u>Ch. 4: Collecting, organizing and displaying data</u> <ul style="list-style-type: none"> Collecting and classifying data, organizing data, using charts to display data <u>Ch. 8: Introduction to probability</u> <ul style="list-style-type: none"> Basic probability, theoretical probability, probability that an event does not happen, probability when an event is mutually exclusive Possibility diagrams, combined probability events 	UNIT 6: HANDLING DATA <u>Ch. 16: Scatter diagrams</u> <ul style="list-style-type: none"> Introduction to bivariate data, correlations, line of best fit, making predictions <u>Ch. 20: Histograms and frequency distribution diagrams</u> <ul style="list-style-type: none"> Histograms Construct histograms with unequal intervals, draw cumulative frequency curves, percentiles and quartiles from curves

Revision Support

Ways to help your child:

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- Weebly site:** <http://secondaryems.weebly.com/igcse-math-year-10.html>
- Exam time schedule link:** <http://emsdoha.net/wp-content/uploads/2013/02/Year-7-10-End-of-Term-Exam-Schedule-2017.pdf>



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Subject Revision Guide

Exam Overview:

- End of year exam will last for 2 hrs. Total marks will be out of 100.
- There will be multiple choice, structured and alternative to practical questions. This will include Core and Extended questions.
- Students must bring Calculator, Pen, Pencil, Ruler and Eraser.

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
UNIT 1: EXPERIMENTAL TECHNIQUES <ul style="list-style-type: none">• Measurement• Criteria for purity• Interpret simple chromatograms• Methods of purification• Suggest suitable purification techniques	UNIT 11: REDOX REACTIONS AND ELECTRO CHEMISTRY <ul style="list-style-type: none">• Define oxidising agent• Define reducing agent• Predict the products of the electrolysis .• Describe the electroplating of metals and refining• Extraction of aluminum	UNIT 5: REACTION RATES <ul style="list-style-type: none">• Rate (speed) of a reaction• Describe and explain the effect of concentration, particle size, catalysts (including enzymes) and temperature on the rate of reactions .• Interpret data obtained from experiments concerned with rate of reaction
UNIT 2 & 7: PARTICLES, ATOMIC STRUCTURE, PERIODIC TABLE & BONDING <ul style="list-style-type: none">• The particulate nature of matter• Describe the structure of solids, liquids and gases in terms of particle separation, arrangement and types of motion.• Describe changes of state in terms of melting, boiling, evaporation, freezing, condensation and sublimation• Describe and explain Brownian motion in terms of random molecular bombardment• Atomic structure and the Periodic table• State the relative charges and approximate relative masses of protons, neutrons and electrons• Bonding: the structure of matter• Ions and ionic bonds• The Periodic Table• Group 1,7&8• Molecules and covalent bonds• Macromolecules	UNIT 9: AMOUNT OF SUBSTANCE Stoichiometry <ul style="list-style-type: none">• Use the symbols of the elements and write the formulae of simple compounds• Construct equations with state symbols, including ionic equations• Deduce the balanced equation for a chemical reaction, given relevant information• Deduce the formula of a simple compound from the relative numbers of atoms present• Calculate stoichiometric reacting masses, volumes of gases and solutions, and concentrations of solutions• Calculate percentage yield and percentage purity• Calculate empirical formulae and molecular formulae	UNIT 12: EQUILIBRIA <ul style="list-style-type: none">• Reversible reactions• Demonstrate knowledge and understanding of the concept of equilibrium• Predict the effect of changing the conditions (concentration, temperature and pressure) on other reversible reactions• The Haber Process• Name some sources of sulfur• Name the use of sulfur in the manufacture of sulfuric acid• State the uses of sulfur dioxide as a bleach in the manufacture of wood pulp for paper and as a food preservative (by killing bacteria)

Revision Support

Ways to help your child: Please see the revision tips, & syllabus at

<https://www.weebly.com/editor/main.php>

<https://classroom.google.com/c/MjQ1MzI2MDE3NFpa>

Online Resources: For revision notes

<http://www.docbrown.info/page10/page10.htm>

<http://www.knockhardy.org.uk/gcse.htm>

<http://znotes.org/ig-chemistry/>



Exam Overview: End of year exam will last for 2 hrs. Total will be 110 marks. There will be multiple choice, structured and alternative to practical questions. This will include Core and Extended questions. Students must bring calculator, pen, pencil, ruler and eraser, mathematical set.

UNITS COVERED WITHIN THE ACADEMIC YEAR

TERM 1	TERM 2	TERM 3
UNIT 1 GENERAL PHYSICS 1 Measurement of mass, length and time, micrometer screw gauge, Vernier callipers, density, speed, average speed, scalar and vectors, speed and velocity, distance-time graphs, acceleration, speed-time graphs, momentum, Moments of force, stability, centre of mass, stretching springs, Hooke's law, Force, types of force, balanced and unbalanced forces, force mass and acceleration, weight, falling through air, scalars and vectors.	UNIT 2 GENERAL PHYSICS 2 Energy, forms of energy, energy transformations, principle of conservation of energy, Sankey diagrams, useful and wasted energy, efficiency, energy resources, renewable sources, non-renewable sources, energy crisis and alternative energy, work done by a force, work done in gravity, power, pressure in solids, pressure in liquids, measuring pressure.	UNIT 3 THERMAL PHYSICS Solids, liquids and gases, kinetic model of matter, change of state, Brownian motion, pressure in gases, temperature scales, thermal expansion, specific heat capacity, quantity of heat, latent heat, conduction, convection, radiation, consequences of heat transfer.

- The text book to be used is:
IGCSE Physics course book by David Sang ISBN 978- 1-107-61488-8.
- The students have copied many slides from power point presentations in different topics.
- Notes have been attached to Google classroom.
- Google: IGCSE PRO—PAST PAPERS
- Google: ZNOTES—PHYSICS



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Subject Revision Guide

Exam Overview:
Teacher: Ms. Gloria
Exam Duration: 2 hrs

UNITS COVERED WITHIN THE ACADEMIC YEAR

UNIT 1: Population and Migration <ul style="list-style-type: none">• Distribution/density• Growth• Structures• Places• Trends• Case studies• Migration definition• Refugees• UK migration	UNIT 2: Farming and Resources <ul style="list-style-type: none">• System / types• Farming in UK• Places• Global market and subsistence• Kenya and Egypt• Farming in EU• Food supply and malnutrition• Case studies• What are resources• Non-renewable and renewable• Places• Technologies	UNIT 3: Plate tectonics <ul style="list-style-type: none">• Tectonics and Rivers• Types of plate• Volcanic activity• Earthquakes• Places –Etna• LEDC versus MEDC• Case studies•
UNIT 1: Settlement and Urbanization <ul style="list-style-type: none">• Site and situation• Settlement types• Patterns, functions and hierarchies• Places – OS maps• Urban land use models• CBD• Suburbia / rural-urban fringe• Case studies• Employment structures	UNIT 2: Industry and Tourism <ul style="list-style-type: none">• Systems• Location and Places• Government policy• Multinationals• Pacific Rim• LEDC's• Sustainability• Case studies• Trends in tourism• National Parks• Coasts and Mountains• LEDC's and environment	UNIT 2: Coasts and Field Work <ul style="list-style-type: none">• Coastal processes and land-forms• Deposition• Response to cliff erosion• Case studies

Revision Support

Copy Books

Text books

Online Resources:

- Weebly site:

IGCSE GEOGRAPHY YR 10



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Subject Revision Guide

Global Perspectives YR 10

Exam Overview:

Teacher: Mr. Rob Tucker

Exam Date and Time: Monday 12 June 10.30am

Exam Duration: 120 minutes (2 hours)

Exam Paper: Will be modelled on an IGCSE Paper . Students will answer all questions after reading an Information Insert.

UNITS COVERED WITHIN THE ACADEMIC YEAR

Written work topics (to continue throughout the year) including:
Demographic Change
Education for all
Employment
Fuel and Energy
Globalisation
Law and Criminality
Migration
Transport Systems

Individual Report – research, work, draft writing on:

Belief Systems

Biodiversity and Ecosystem loss

Changing communities

Digital World

Family

Humans and other species

Sustainable living

Revision Support

Ways to help your child: Ensure that your child has their Global Perspective text book at hand to read through and examine the different topics. Get them to plan essay topics as practice for essay writing in the exam.

Online Resources:

Weebly site: