



Al Ekhaa School for Boys –International Section

SCHOOL PROFILE

CLASS OF 2019–2020

Director General: Dr. Hasan Balkhoyor
 Academic Director: Mr. Michael Collins
 Deputy Academic Director : Mr. Amer Khafaji
 Academic Advisor: Mr. Mostafa Moshref
 Accreditation: Accredited by AdvancED
 Email: info@alekhaaschools.com
 Website : www.alekhaaschools.com

School and Community

- **School Type:** Private School
- **Authorized Curriculum :** American Common Core State Standards
- **Population**
 Staff : 79 representing 9 different nationalities
 Students : 647 representing 10 different nationalities
- **Saudi National Students:** 80 %
- **International Students:** 20 % Mainly Arab and Middle eastern ethnicities.
- **Medium of Instruction:** English for American CCSS- Based Curriculum, and Arabic for Arabic, Saudi Geography, History and Islamic Studies courses.

Curriculum Graduation Requirements

GRADUATION REQUIREMENTS

• Islamic Education	10-12	2.0 Credit Hours
• Arabic Language	10-12	2.0 Credit Hours
• English	10-12	3.0 Credit Hours
• Mathematics	10-12	3.0 Credit Hours
(Geometry, Algebra II, Pre-calculus ,Calculus)		
• Sciences	10-12	8.0 Credit Hours
(Biology, Chemistry, physics/ Environmental Science)		
• Social Studies	10-12	3.0 Credit Hours
(Middle East/American/Saudi History)		
Electives	10-12	6.0 Credit Hours
• Computer Information Technology		2 Credit Hours
• French		2 Credit Hours
• Economics		1 Credit Hours
• Physical Education		1 Credit Hours

Total: 27 Credit hours

The Grading System

Grading and ranking

- The school year is divided into two semesters. Summative Assessments are given each Semester
- Grading Scale: 100 Passing Grade: 60 GPA: 4

Grading System			
Symbols	Percentage Range	GPA	Assessment
A+	97 - 100	4.0	Excellent
A	93 - 96	4.0	
A-	90 - 92	3.7	
B+	87 - 89	3.3	Very Good
B	83 - 86	3.0	
B-	80 - 82	2.7	
C+	77 - 79	2.3	Good
C	73 - 76	2.0	
C-	70 - 72	1.7	
D+	67 - 69	1.7	Fair
D	63 - 66	1.0	
D-	60 - 62	0.7	
F	59 AND BELOW	0.0	Fail

Preparations for internal administered exams are offered for the following subjects:

- Arabic Language
- English Language and Literature
- French
- Islamic Studies
- Social Studies
- Saudi Geography and History
- Economics
- Information Technology
- Mathematics
- Chemistry
- Biology
- Physics



Preparations for SAT exams are offered for the following subjects:

- English Language and Literature
- French
- Social Studies
- Economics
- Mathematics
- Chemistry
- Biology
- Physics



Course Descriptions



Elementary School Grades 1 - 6

Students in the primary school study for six years.

Program and Course Description

Al-Ekhaa Schools-International Section is following the American Curriculum Framework which is internationally accredited. The curriculum is built on a commitment to the philosophy of learning as a continuous process, and that the educational process dedicated for the improvement of all students' learning skills. The American Curriculum, which is used by GHIS, is designed to develop the needs and characteristics of students. The major learning outcomes of the curriculum can be achieved through a program of study which addresses the outcomes of the following subjects:

English:

Students learn about the effective use of the English language academically and in life. The study of English plays a vital role in the development of students' literacy. It enhances their learning in all areas of the curriculum and provides them with the communication skills and the critical understanding of language necessary for active participation in society.

Math:

Students learn to use ideas about numbers, volumes and analytics and the mathematical theories of representing patterns and relationships to describe, interpret and reason the context of their social and physical world. Mathematics plays a key role in the development of students' numeracy and assists learning across the curriculum.

Science:

Students learn to investigate, understand and communicate about the physical, biological, spatial and technological world. They, also, value the processes that support life on our planet. Science helps students to become critical thinkers, by encouraging them to use evidence to evaluate the use of science in society, and the application of science in daily life. Science includes the study of Physics, Chemistry and Biology.

Social Studies:

Students develop the understanding of how individuals and groups live together and interact with their environment. Students develop a respect for the Saudi cultural heritage and a commitment to social justice, the democratic process and ecological sustainability. Students study the geography of Saudi Arabia, and the customs of their country. The aims and



objectives are to stimulate an interest and enthusiasm about the past heritage, and to understand the nature and use of historical evidence, in addition to encouraging international understanding.

Computer Studies:

The goal of the computer course is to introduce and reinforce students' skills in advanced word processing, spreadsheets, relational database and multimedia presentations. This is practiced throughout the year. Students learn to apply knowledge, skills and resources in the development of practical solutions to IT problems. Through this process, they learn to be innovative, adaptable and reflective, as they select and use appropriate material, information and systems to achieve valuable results throughout the year. Web page designs and graphics editing are introduced. Class work is project-based and task-based oriented.

Arabic Language:

Extensive emphasis is placed on speaking and writing Arabic as a first language. Students read dialogues and stories from Arab cultures to develop cultural awareness as well as the four language skills: reading, writing, speaking, and listening.

Quran and Islamic Studies:

Students learn how to do proper reading (Tilawa) of Quran with comprehension (Tafseer). Islamic studies are taught in Arabic and give progressively more details to the following subjects: Tawheed (Fundamental Monotheisms); Study selected areas in Sharia (Islamic Law); And Islamic History (Pre- Islamic, prophetic and post prophetic history).



Middle School Grades 7- 9

Students spend three years in the Intermediate School (7th, 8th and 9th Grades).

Program and Course Description

English:

The English language program for grade seven is designed to expand each student's ability to communicate effectively through reading, writing, speaking, and listening. A thematic approach is based on a variety of literature-based strategies that enables the student to incorporate these necessary skills in all areas of the curriculum. This course includes several literary themes. Each theme treats a concept through several literacy genres, such as autobiography, poems, essays, short stories, magazines articles, legends, myths, and dramas. The curriculum includes Literacy Term Handbook in addition to an integrated approach to language arts. This is done through concise lessons that target key skills besides various modes of writing combined with diverse contexts and frequent writing opportunities. Students will perform standardized tests regularly.

Math:

A comprehensive program in general mathematics will be given (A blend of algebra I, Algebra II and Geometry). The basic knowledge needed for SAT will be provided.

Science:

Students will study topics pertaining to Physical, Life, Earth, Space and Technology Sciences where they are investigating and experimenting how scientific progress is made by asking meaningful questions and conducting careful investigations.

Social Studies:

Students will study the six essential social studies elements and the eighteen Geography standards within the curriculum. The six elements are culture, economics, geography, governance and civics, history, individuals' groups and interactions, which are blended for instructional purposes. In addition, students will utilize different theme-based methods that Geographers use in investigating and categorizing terrains around the world.



ICT :

The goal of this computer course is to introduce and reinforce skills in advance word processing, spreadsheets, rational database and multimedia presentations. This is practiced throughout the year. Web page designs and graphics editing will be introduced where class work is project-based and task-based oriented.

Arabic:

Extensive emphasis is placed on speaking and writing of Arabic as a first language. Students will continue to work to enhance their skills and sub-skills. They will read dialogues and stories from Arab cultures to develop culture awareness using activities in the four language basic skills: reading, writing, speaking, and listening.

Islamic Studies:

Islamic studies are taught in Arabic and give progressively more details to the following subjects: Tawheed (Fundamental Monotheisms); Study selected areas in Sharia (Islamic Law); Sirah (The Prophet's (PBUH) documented narrative life and activities); Islamic History: Pre-Islamic, prophetic and post prophetic history.

Quran:

Students learn how to do proper reading (Tilawa) of Quran with comprehension (Tafseer).



High School Grades 10 to 12

Students spend three years in the Secondary School (10th, 11th and 12th Grades).

Program and Course Description

English Language:

English I (Gr. 10):

This course concentrates on mastery of Grammar and writing, World Literature, assorted genre, non-fiction, fiction, poetry, epic, drama, science fiction and fantasy. Vocabulary expansion is also continued at this level with emphasis on word definition and correct spelling.

English II (Gr. 11):

This course emphasizes mastery of Grammar and writing, American and World literature, assorted genre, non-fiction, fiction, short stories, poetry, epics, drama from varied timeline in American history (from colonial days to present day), literature, grammar and composition, and vocabulary building is continued.

English III (Gr. 12):

This course emphasizes mastery of Grammar and writing, the British and World literature, assorted genre, non-fiction, fiction, short stories, poetry, epics, drama from different regions of the world and different timelines, grammar and composition.

MATH: Algebra II (Gr.9 and 10):

Algebra II is a continuation of Algebra I. It is a comprehensive study of Algebra. Topics include complex number movers, polynomial functions and the study of trigonometry functions, graphs, identities, laws of sines and cosines.

It is a two-year designed course where the study of generalized or abstract arithmetic is continued. General situations are studied using symbols, formulas, equations and inequalities instead of specific use of numbers. Emphasis is on broad basic and unifying algebraic concepts and principles. Students build on the skills they previously acquired through the study of numbers, the precise use of equations, laws and structures of algebra justifications of operation and procedures as well as developing and enhancing problem-solving skills. 33 Topics are included where introduction to basic usage and tools to Algebra



functions and relations, graphing writing and solving equations and inequalities, quadratic equations, exponential functions, radicals, and polynomials.

Geometry (Gr. 9 and 10):

Geometry is the application of Algebra II geometric concepts. Specific cases are studied using geometric figures and constructions to establish geometric language and logic. Emphasis is placed on a core of curriculum that leads to the development of a precise geometric language and operational skills needed to enhance geometric measures, problem solving skills and geometric proofs.

Pre-calculus (Gr.11 and 12):

Pre-calculus or Algebra III is a continuation of Algebra II. It is comprehensive study of Analytical Algebra. Topics include complex number movers, polynomial functions and the study of trigonometry functions, graphs, identities, laws of sines and cosines.

Calculus (Gr.12):

Comprehensive program in calculus is introduced through this course where it is an introduction to topics addressed at the college level. It emphasizes on graphs, infinite, derivative, differentials, integration, and area between two curves.

Science (Gr. 10, 11 and 12):

Biology:

Biology is a three-year course designed for 10th, 11th, and 12th grade students. The course aims to develop a scientific approach for the students. This is accomplished by alternating teaching of biological principles together with laboratory experiments. Following this approach, the students will learn to formulate, test, and evaluate scientific hypothesis. This course also aims to provide the students with a complete understanding of the Ecology, cells, genetics, evolution from microorganisms to plants and animals, and the human biology . Students are expected to apply these concepts to the complex bioethical issues facing us today. This semester course provides students with sound scientific knowledge and terminology for future biological courses and practical applications.

Chemistry:

Chemistry is a 3-year course taught to 10th, 11th, and 12th grade students that prepares them for further studies of Chemistry at the college level when studying Medicine or Engineering. The main objective is to provide students with the opportunity to become familiar with



methods and techniques utilized in a chemistry laboratory. It introduces high school students to chemical concepts and applications. This includes theory, experimental technique, data collection, data analysis, and evaluation. Topics covered include (the periodic table, ionic and metallic bonding, covalent bonding, chemical names and quantities, chemical reactions, stoichiometry, states of matter, the behavior of gases, water and aqueous systems, solutions, thermo chemistry, reaction rate and equilibrium, acids, bases and salts, oxidation and reductions, electrochemistry, hydrocarbon compounds, functional groups, the chemistry of life, and nuclear chemistry). Students will also be required to participate in classroom presentations on various chemistry topics. They must follow laboratory safety procedures during experiments.

Physics:

Physics is a 3-year course taught for 10-12th grade students that is considered as an introduction to fundamental physical concepts and applications. During this course, students will develop a deeper understanding of mechanics (rotational motion, universal gravitation, satellite motion, special relativity –space and time, relativity –momentum, mass, energy and gravity) unit 2 properties of matter (the atomic nature of matter, solids, liquids, and gases). unit 3 heat (temperature, heat and expansion, heat transfer, change of phase, and thermodynamics). Unit 4 sound and light (vibrations and waves, sound, light, color, reflection and refraction, lenses, diffraction and interference) unit 5 electricity and magnetism (electrostatics, electric field and potential, electric current, electric circuit, magnetism, and electromagnetic induction). Unit 6 atomic and nuclear physics (the atom and the quantum, the atomic nucleus and radioactivity, nuclear fission and fusion). They will learn concepts and solve problems related to these topics. A strong math skills base is essential for them to understand developments in theories and models which they can test in experimentation. They do this in order to understand the world and view the answers as a useful way in which to improve the way people live.

Environmental science:

Students in 12th Grade study environmental science course includes (plate tectonics, earthquakes, volcanoes, minerals, and rocks) which prepare students to colleges of petroleum, College of Environmental Science and similar colleges.

Computer I (Gr. 9 and 10):

All Secondary school students are required to complete this class successfully before graduation. The goal of the computer course is to introduce and reinforce student's skills in using major personal and business applications of computers such as advanced word processing, spreadsheets, relational databases, and multimedia presentations. the course is



taught through the year. Web page designs and graphics editing are introduced, classroom work is project-based and task-based oriented.

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Arabic Language:

Arabic I (Gr.9):

The course is outlined for one academic year, The Ministry of Education's curriculum will be followed. Resources are provided by the Ministry of Education. This course provides students the essence to explore and develop their language in Arabic. Students will study grammar, Vocabulary, and develop an awareness of the Arabic culture. The objectives are to converse, read and write utilizing the basics are taught.

Arabic II (Gr.10):

The course is outlined for one academic year, The Ministry of Education's curriculum will be followed. Resources are provided by the Ministry of Education. This course provides students the essence to explore and develop their language in Arabic. Students will study grammar, Vocabulary, and develop an awareness of the Arabic culture. The objectives are to converse, read and write utilizing the basics are taught.

Arabic III (Gr.11):

The course is outlined for one academic year, The Ministry of Education's curriculum will be followed. Extensive emphasis is placed on speaking and writing. Students will continue to work on fluency with focus on all grammatical structures. Literature will be used as a vehicle to enhance fluency and culture knowledge.

Arabic III (Gr.I2):

The course is outlined for one academic year, The Ministry of Education's curriculum will be followed. Extensive emphasis is placed on speaking and writing. Students will continue



to work on fluency with focus on all grammatical structures. Literature will be used as a vehicle to enhance fluency and culture knowledge.

Islamic Studies (Gr. 9 and 10):

The Ministry of Education curriculum will be followed. Resources are provided by the Ministry of Education. This class is taught in Arabic. This course will include Tawheed (Fundamental Monotheisms), Quran, Hadeeth (documented sayings of the Prophet PBUH), Fiqh (understandings of the divine Islamic law), the Sirah (the Prophet's documented narrative life and activities) and history of Islam.

Quran(Gr. 9 and 10):

Quran- proper reading and comprehension (Tafseer)

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Social Studies:

Grade 10:

This class is designed to continue the ninth-grade social studies curriculum, where the Modern World Civilizations is further explored. This is done by following historical events in a chronological order while focusing on important themes such as politics, economics, and culture. Students will become aware of and appreciate the events that have taken place. The topics covered will include: The spread of the Industrial Revolution, building the German Nation, the unification of Italy, Russian reforms and reactions, democratic reforms in Britain, division and democracy in France, territorial expansion of the United States, building overseas Empires, The partition of Africa, The Great War, Globalization, and the Second World War.



Grade 11:

Students in their Junior year study of the United States History will be provided with a basic overview of United States history and an in-depth examination of the events and ideas which have since shaped the United States. The studies of the political, economic, military, and cultural history of the United States is done through the implementation of analysis, research, presentations, and writing skills. Upon completing the course, students will have achieved an understanding of the primary historical elements which have contributed to the United States' unique position in the world today.

Grade 12:

Students will be provided with the core knowledge of economics that will enable them to think critically about economics and also to apply economic theories to authentic examples. The course covers the following topics: Modern Economies, Benefits of Free Enterprise, Understanding of Demand and Supply, Partnerships and the History of American Banking.

Information Technology:

Grades 10 and 11:

This course has been developed for all students with various ability levels. Secondary School Students will be responsible for all aspects of the school's Yearbook production where this process will develop their skills in editing, visual design, photography and organization and teamwork.

Grades 11 and 12:

This course is designed to provide students with IT knowledge and skills that will prepare them for obtaining the ICDL or ECDL Certificates.

Economics:

This a one-year course that is designed for the 10th Grade students. The content of the course includes: Fundamental Economic Concepts, Microeconomic Concepts, Macroeconomic Concepts and International Economic Concepts.

The Fundamental Economic Concepts:

1. Scarcity and choice.
2. Opportunity cost and trade-offs.
3. Productivity.
4. Economic systems.



5. Economic institutions and incentives.
6. Exchange money and interdependence.

Microeconomic Concepts:

1. Markets and prices.
2. Supply and demand.
3. Competition and market structure.
4. Income distribution.
5. Market Failures.
6. The role of government

Macroeconomic Concepts:

1. Gross, aggregate supply and aggregate demand.
2. Unemployment.
3. Inflation and deflation.
4. Monetary policy.
5. Fiscal policy.

International Economic Concepts:

1. Absolute and comparative advantage and barriers to trade.
2. Exchange rates and the balance of payments.
3. International aspects of growth and stability

Language Courses other than English:

French as a Foreign Language:

One of the main goals of this course is to motivate students to study a foreign language other than English. This course is designed to offer them a basic knowledge of the French language in order to be able to comprehend and use the language orally and in writing. This is done with simple construction from their surroundings and their daily activities. In addition, the course enables students to expand their awareness and curiosity of another culture. The course focuses on oral expressions with a gradual progression in reading and writing skills. French is offered to 10th, 11th and 12th Graders.