



ACS
High School
Course Guide
2017 - 2018

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Program Overviews:

Grade 9:

	ACS Program (leading to IB program)	LB Program (Brevet)
English	English 9	English 9
World Languages	Arabic OR French	LB Arabic 9
Social Studies	World History from 1450-1750	Brevet Social Studies (Geography/History/Civics) (Given in Arabic)
Science	Biology 9	LB Biology 9 <u>AND</u> LB Physics 9 <u>AND</u> LB Chemistry
Math	Integrative Math 9	LB Math 9
Fine Arts	Foundations of Art I or II Drama I or II Symphonic Band Graphic Design Digital Photography 1 Yearbook (by permission only)	None
PE/Health	Phys. Ed. 9	Phys. Ed. 9

Grade 10:

	ACS Program (leading to IB Program)	LB Program
English	English 10	English 10
World Languages	Arabic OR French	LB Arabic 10
Social Studies	World and Middle East History 1914 - Present	World and Middle East History 1914 - Present
Science	Chemistry 10 AND Physics 10	LB Chemistry 10 AND LB Physics 10
Math	Algebra II	LB Math 10
Fine Arts	Foundations of Art I or II Drama I or II Symphonic Band Graphic Design Digital Photography 1 Yearbook (by permission only)	Foundations of Art I or II Drama I or II Symphonic Band Graphic Design Digital Photography 1 Yearbook (by permission only)
PE	Phys. Ed. 10	Phys. Ed. 10

Grade 11:

	IB Program	LB Program
English	IB Lang and Lit I IB Literature I	IB Lang and Lit I IB Literature I
World Languages	IB Arabic SL I IB Arabic HL I IB French Ab Initio I IB French SL I IB French HL I	LB Arabic 11
Social Studies	IB Economics I* IB Global Politics I* IB History I* IB Psychology I* TOK I	IB Economics I** IB Global Politics I** IB History I** IB Psychology I** LB Philosophy (required)
Science	IB Biology I IB Environmental Systems and Societies I SL IB Chemistry I IB Physics I IB Sports Exercise and Health Science I SL	LB Biology 11 LB Chemistry 11 LB Physics 11 (Students take ALL three science classes.)
Math	IB Math Studies IB Math Standard Level IB Math Higher Level	LB Math 11
Fine Arts	IB Visual Arts I IB Theater I IB Music I Introduction to Ceramics Advanced Theater^ Symphonic Band Graphic Design Digital Photography Yearbook	None

*IB students must choose one group three class, but MAY elect to take a second Social Studies Class.

** LB students must choose ONLY one Social Studies class.

^ Students enrolled in Advanced Theater in Grade 11 must take the second year in Grade 12.

Grade 12:

	IB Program	LB Program
English	IB Lang and Lit II IB Literature II Honors English 12*	IB Lang and Lit II IB Literature II Honors English 12*
World Languages	IB Arabic SL II IB Arabic HL II IB French Ab Initio II IB French SL II IB French HL II	LB Arabic 12
Social Studies	IB Economics II IB Global Politics II IB History II IB Psychology II TOK II	LB Social Studies (Geography/History/Civics) (Given in Arabic) LB Philosophy (Both are required courses.)
Science	IB Biology II IB Environmental Systems and Societies II SL IB Chemistry II IB Physics II IB Sports Exercise and Health Science II SL	LB Biology 12 LB Chemistry 12 LB Physics 12 (Students take ALL three science classes.)
Math	IB Math Studies II IB Math Standard Level II IB Math Higher Level II	LB Math 12
Fine Arts	IB Visual Arts II IB Theater II Introduction to Ceramics Advanced Theater Symphonic Band Graphic Design Digital Photography Yearbook	

*2016-2017 is the last year for Honors English.

English (Group 1):

Grade	IB Program/Honors	LB Program
9	English 9	English 9
10	English 10	English 10
11	IB Lang and Lit I IB Literature I	IB Lang and Lit I IB Literature I
12	IB Lang and Lit II IB Literature II	IB Lang and Lit II IB Literature II

English 9:

The English Language arts program for Grade 9 is designed to allow students to explore and interact with a broad range of literary genres. Through the course of the program, literary selections will focus on providing a sequential foundation to facilitate a broadened perspective of literature, human thought and the “humanity” found in each individual. Students will have the opportunity to view the world through different cultures and different perspectives and to recognize that there is a common link among humans regardless of distance, time, or culture. The program aims to promote an appreciation of the wealth and subtleties of the English language and lead to an awareness of linguistic structures. It seeks to facilitate the clear expression of ideas, to aid clear, concise presentation of argument and to assist in the understanding of both oral and written discourse. Selections for the program have been carefully considered in order to ensure students are able to connect and expand upon the development of specific themes and literary concepts. The courses also engage students in the in-depth study of an author, and explore the notion of what it means in literary terms to identify someone as a great author. As the program is designed for students to attain greater literary enrichment, it follows that most students in this program should enroll in either of the IB programs or Honors English when moving on to Grade 11.

Main Texts	Supplementary Texts
<ul style="list-style-type: none"> William Shakespeare, <i>The Tragedy of Romeo and Juliet</i> Harper Lee, <i>To Kill a Mockingbird</i> Homer, <i>The Odyssey</i> John Steinbeck, <i>Of Mice and Men</i> 	<ul style="list-style-type: none"> Dir. Rob Reiner, <i>Stand by Me</i> Stephen King, <i>The Body</i> Ernest Hemingway, <i>All Quiet on the Western Front</i> George Orwell, <i>Animal Farm</i> Malorie Blackman, <i>Noughts and Crosses</i>

	<ul style="list-style-type: none"> • Mark Haddon, <i>The Curious Case of the Dog in the Night-Time</i> • Laurie Halse Anderson, <i>Speak</i>
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English 10:

The English Language Arts program for grade 10 continues to build on the previous year's focus on developing strong written, oral and critical thinking skills. The main goal is to provide a solid foundation to prepare students for the IB, Honors and LB programs, while ensuring that they are ready for college level academic studies. Through fiction, non-fiction, poetry, drama and non-print media, students will explore the many forces that define human identity—both internal and external. By examining how the written and spoken word is used to influence and manipulate thought, actions and perceptions of self, students will understand the immense power of language as a tool for expression and persuasion.

<p>Main Texts</p> <ul style="list-style-type: none"> • <i>1984</i> by George Orwell • <i>Macbeth</i> by William Shakespeare • <i>The Picture of Dorian Gray</i> by Oscar Wilde • A selection of short stories, vignettes, poems and non-fiction. 	<p>Supplementary Texts</p> <ul style="list-style-type: none"> • <i>Metamorphosis</i> by Franz Kafka • <i>The Strange Tale of Dr. Jeckyl and Mr. Hyde</i> by Robert Louis Stevenson • Self-selected, grade appropriate novels.
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IB ENGLISH:**IB English Literature I**

The IB English Literature course is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. Through the study of a wide range of literature, the course encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. In view of the international nature of the IB and its commitment to intercultural understanding, the course does not limit the study of works to the products of one culture or the cultures covered by any one language. The study of works in translation is especially important in introducing students, through literature, to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. (Language A: literature guide).

<p>Texts 1st Semester</p> <ul style="list-style-type: none"> • Selected essays - George Orwell • <i>The Handmaid's Tale</i> - Margaret Atwood • <i>The Awakening</i> - Kate Chopin 	<p>Texts 2nd Semester: Works in Translation</p> <ul style="list-style-type: none"> • <i>The Stranger</i> - Albert Camus • <i>A Doll's House</i> - Henrik Ibsen • <i>No Exit</i> - Jean Paul Satre
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IB English Literature II

The IB English Literature course is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. Through the study of a wide range of literature, the course encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. In view of the international nature of the IB and its commitment to intercultural understanding, the course does not limit the study of works to the products of one culture or the cultures covered by any one language. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. (Language A: literature guide)

<p>Texts 1st Semester</p> <ul style="list-style-type: none"> • <i>Hamlet</i> - William Shakespeare • Poetry of Carol Ann Duffy • Short Stories of Katherine Mansfield 	<p>Texts 2nd Semester</p> <ul style="list-style-type: none"> • <i>A Streetcar Named Desire</i> - Tennessee Williams • <i>Death of a Salesman</i> -- Arthur Miller • <i>Who's Afraid of Virginia Woolf?</i> -- Edward Albee • <i>Waiting for Godot</i> -- Samuel Becket
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IB English Language and Literature I/II

The Language A: language and literature course comprises four parts—two relate to the study of language and two to the study of literature. The study of the texts produced in a language is central to an active engagement with language and culture and, by extension, to how we see and understand the world in which we live. A key aim of the course is to encourage students to question the meaning generated by language and texts, which, it can be argued, is rarely straightforward and unambiguous. Helping students to focus closely on the language of the texts they study and to become aware of the role of each text's wider context in shaping its meaning is

central to the course. Textual analysis and the understanding that texts, both literary and non-literary, will be a key focus and students will learn about the role of culturally determined reading practices and help them to develop an understanding of "critical literacy." The study of literature in translation from other cultures is emphasized because it contributes to a global perspective, thereby promoting an insight into, and understanding of, the different ways in which cultures influence and shape the experiences of life common to all humanity. (Language A: Language and Literature Manual)

World Languages (Group 2) - Arabic or French:

Arabic:

Grade	IB Program/Honors	LB Program
9	AFL II, III* MSA 5*	LB Arabic 9 - MSA
10	AFL III, IV* MSA 6*	LB Arabic 10 - MSA
11	IB Arabic B SL I IB Arabic B HL I	LB Arabic 11 - MSA
12	IB Arabic B SL II IB Arabic B HL II	LB Arabic 12 - MSA

*Students are assigned to the appropriate class level based on a proficiency test.

Arabic 9:

AFL II (Novice High)

This course is designed for students who have studied Arabic for 1-2 years. The main emphasis of this course is oral communication and the ability to use conversational skills in the completion of performance tasks. Students in this course will learn vocabulary, grammar and simple language structures and will begin to develop an ability to read and produce simple written tasks.

AFL III (Intermediate Low)

This course is designed for students who have studied Arabic for 2-3 years. The main emphasis of this course is oral and written communication. Student will learn vocabulary, grammar and language structures and will begin to develop an ability to read and produce written tasks.

HS Arabic 5 (MSA)

This course, along with Arabic 6, taken in Grade 10, is a pre-requisites to joining IB B Higher level course in grades 11 and 12. In this course, students will be exposed to modern Arabic literature. Students will participate in learning activities that enables them to respond in writing and orally to literary texts. They will follow the writing process and 6 traits rubric in writing essays of various genres.

Arabic 10:**AFL III (Intermediate Low)**

This course is designed for students who have studied Arabic for 2-3 years. The main emphasis of this course is oral and written communication. Student will learn vocabulary, grammar and language structures and will begin to develop an ability to read and produce written tasks.

AFL IV (Intermediate High)

This course is designed for students who have studied Arabic for 3-4 years. Oral communication continues to be the emphasis of this course. Students will participate in authentic oral tasks. In writing, students will produce written tasks for various purposes and audiences. This course is a pre-requisite to IB B Standard Level course.

HS Arabic 6 (MSA)

This course is a pre-requisite to joining IB B Higher level course in grades 11 and 12. In this course, students will be exposed to modern Arabic literature. Students will participate in learning activities that enables them to respond in writing and orally to literary texts. They will follow the writing process and 6 traits rubric in writing essays of various genres.

IB COURSES:**IB Arabic B SL I**

This two-year course is designed to prepare students for the IB external and internal exams as per the IB curriculum guide. Students in this course will function with increased proficiency in their language skills. At the end of this course students will be able to produce mostly clear texts where the use of register, style, and structural elements are appropriate to the audience and purpose.

IB Arabic B HL I

This two-year course is designed to prepare students for the IB external and internal exams as per the IB curriculum guide. The content of the course is designed to prepare students to function with an increased proficiency level in oral as well as written tasks. At the end of the course, students are expected to communicate orally using the standard Arabic with a degree of fluency, produce clear texts where the use of register and rhetoric is appropriate to audience and purpose, and respond to literary texts.

IB Arabic B SL II

This two-year course is designed to prepare students for the IB external and internal exams as per the IB curriculum guide. Students in this course will function with increased proficiency in

their language skills. At the end of this course students will be able to produce mostly clear texts where the use of register, style, and structural elements are appropriate to the audience and purpose.

IB Arabic B HL II

This two-year course is designed to prepare students for the IB external and internal exams as per the IB curriculum guide. The content of the course is designed to prepare students to function with an increased proficiency level in oral as well as written tasks. At the end of the course, students are expected to communicate orally using the standard Arabic with a degree of fluency, produce clear texts where the use of register and rhetoric is appropriate to audience and purpose, and respond to literary texts.

LB COURSES:**LB Arabic 9 | LB Arabic 10 | LB Arabic 11 | LB Arabic 12**

The aim of these courses is to prepare students ready for the Lebanese official exams in grades 9 and 12. Students in these courses will participate in language activities that enable them to meet the requirements of the Lebanese National curriculum. The writing process and 6 traits will continue to be a major learning activity in these courses.

French:

Grade	Courses
9	French I SL* French I HL*
10	French II SL* French II HL*
11	IB French Ab Initio I IB French B SL I IB French B HL I
12	IB French Ab Initio II IB French B SL II IB French B HL II

*Prerequisite for all courses and levels: placement test and/or interview.

Grade 9:**French II SL:**

This course is designed to be followed over 1 year by students with some previous experience of the language. Through listening, speaking, reading and writing activities, students should be able to interact in a range of everyday situations. In addition, it also presents insights into the culture of the French speaking people.

Topics covered are: introducing oneself and others, renting an apartment, relationships with neighbors and at work, celebrations, hobbies, sports, music, cultural events, travel, transportation.

French III HL:

This course is designed to be followed over 1 year by students with previous experience of the language. Through listening, speaking, reading and writing activities, students should be able to interact in a range of everyday situations. In addition, it also presents insights into the culture of the French speaking people.

Topics covered are: family and friends, celebrations, shopping, school, daily routine, childhood activities and events, leisure activities, health, movies-books-tv programs, vacations.

Grade 10:**French II SL:**

This course is designed to be followed over 1 year by students with some previous experience of the language. Through listening, speaking, reading and writing activities, students should be

able to interact in a range of everyday situations. In addition, it also presents insights into the culture of the French speaking people.

Topics covered are: greeting and meeting people, asking for and giving directions, daily activities, ordering and shopping for food, feelings and states of mind, professional relationships, discussing future plans.

French III HL:

This course is designed to be followed over 1 year by students with previous experience of the language. Through listening, speaking, reading and writing activities, students should be able to interact in a range of everyday situations. In addition, it also presents insights into the culture of the French speaking people.

Topics covered are: back to school, professions, legends and stories, life events, nature and outdoor sports, media, environment, politics and government, arts, travel.

IB COURSES:

IB French ab initio I/II:

The ab initio course is designed to be followed over 2 years by students with little or no previous experience of the language. Through listening, speaking, reading and writing activities, students should be able to interact in a range of everyday situations. In addition, it also presents insights into the culture of the French-speaking people.

Topics covered are: individual and society (daily routine, education, food and drink, personal details/appearance and character, physical health, relationships, shopping), leisure and work (employment, entertainment, holidays, media, sport, technology, transport) and urban and rural environment (environmental concerns, global issues, neighborhood, physical geography, town and services, weather).

IB French B SL I/II:

The language B SL course is designed to be followed over 2 years by students with previous learning of the language. The objective is the development of the language skills through the study of written and spoken material and the awareness of the culture of French-speaking countries.

Topics covered are: communication and media, global issues, social relationships, cultural diversity, customs and traditions, health, leisure, science and technology.

IB French B HL I/II:

The language B HL course is designed to be followed over 2 years by students with previous learning of the language. The objective is the development of the language skills through the study of written and spoken material and the awareness of the culture and literature of French-speaking countries.

Topics covered are: communication and media, global issues, social relationships, cultural diversity, customs and traditions, health, leisure, science and technology and literature.

Social Studies (Group 3):

Grade	IB Program/Honors	LB Program
9	World History 1700 - 1914	LB Geography / History / Civics
10	World and Middle East History 1914 - Present	World and Middle East History 1914 - Present
11	IB Economics I* IB Global Politics I IB History I IB Psychology I TOK I**	IB Economics I^ IB Global Politics I^ IB History I^ IB Psychology I^ LB Philosophy^+
12	IB Economics II IB Global Politics II IB History II IB Psychology II	LB History/Geography/Civics (in Arabic)
12	TOK II***	LB Philosophy and Civilizations

*Students must select one IB Social Studies course, but may elect to take a second IB Social Studies course instead of a Group 6 course.

**All students must take TOK I.

*** All full diploma students must take TOK II. Honors students may choose to take TOK II or select another elective.

^ LB Students select ONE social studies course.

+ LB Philosophy is a required course.

World History 9 and 10:

This curriculum is designed for 9th and 10th grade students to learn about the Modern World and how it came to be. The historical background of current conflicts will be explored. Each unit builds on the previous unit to allow students to understand the concepts of modernity, cooperation and conflict. The high school curriculum will have a strong focus on Middle Eastern history. The units will include lessons that have an inquiry based focus, and students will develop research writing skills. Students will be prepared for IB group 3 curricula and skill set, and will write a mini- Extended Essay at the end of grade 10.

In 9th grade the students will study the following units on the overarching themes of Modernity:

- Enlightenment
- French Revolution
- Industrial Revolution
- Imperialism

- Nationalism
- Causes of World War I

In 10th grade the students will study the following units on the overarching theme of Conflict and Cooperation:

- Effects of World War I on the Middle East
- Causes of World War II
- The Cold War
- The Arab Israeli Crisis
- The Lebanese Civil War

IB COURSES:

IB Economics I HL/SL

This course is the first of a two-year sequence that will prepare students to take the IB Economics Exam at the end of their senior year. Year 1 focuses on basic concepts of both Microeconomics and Macroeconomics with topics covered including economic systems, costs, supply & demand, unemployment, inflation, and aggregate economics, among others.

IB Economics II HL/SL

This course is the second of a two-year sequence that will prepare students to take the IB Economics Exam at the end of this year. The second year focuses on International and Development Economics with topics covered including free trade, protectionism, economic integration, balance of payments, exchange rates, and economic growth & development, among others.

IB Global Politics I HL/SL

The DP Global Politics course explores fundamental political concepts such as power, equality, sustainability and peace in a range of contexts. It allows students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. It also invites comparison between such examples and case studies to ensure a wider and transnational perspective. The core units of the course together make up a central unifying theme of “people, power and politics”. The emphasis on “people” reflects the fact that the course explores politics not only at a state level but also explores the function and impact of non-state actors, communities, groups and individuals. The concept of “power” is also emphasized as being particularly crucial to understanding the dynamics, tensions and outcomes of global politics. Throughout the course, issues such as conflict, migration or climate change are explored through an explicitly political lens: “politics” provide a uniquely rich context in which to explore the relationship between people and power.

IB History I HL/SL

The 11th grade IB History curriculum will focus on Rights and Protest examining in depth Apartheid South Africa (1948-1964) and The Civil Rights movement in the United States (1954-1965). Units of study will include lessons that have an inquiry-based focus, and students will develop research writing skills. Further units will be as follows:

- Castro
- Korean War
- Vietnam War
- Historical Investigation

IB History II HL/SL

The Modern Middle East

After three years of world history, the students at ACS spend their final year studying the history of the region in which they live. The classes vary slightly depending on whether students select HL or SL, but the time period studied is mainly the 20th century. The main topics are: The First World War and its effects on the Middle East, the mandate period, the rise of independent nation states (Turkey, Iran, Saudi Arabia), the origin and development of the Arab-Israeli conflict, Abdel Nasser's Egypt and finally the modern history of Lebanon. For the IB students this is the second year of the history course and the culminating assessments are the IB exams and research papers.

IB Psychology I/II HL/SL:

Psychology is the systematic study of behavior and mental processes. IB Psychology examines the interaction of biological, cognitive and sociocultural influences on human behavior, thereby adopting an integrative approach. In the core of the IB Psychology course, the biological level of analysis demonstrates what all humans share, whereas the cognitive and sociocultural levels of analysis reveal the immense diversity of influences that produce human behavior and mental processes.

The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology. Cultural diversity is explored and students are encouraged to develop empathy for the feelings, needs and lives of others within and outside their own culture

The course is broken into four parts: Core, Options, Qualitative research methodology, and simple experimental study. Year Two in Psychology requires students to study 2 Options; current Options offered at ACS include Abnormal and Human Relationships. HL students will also study qualitative research design.

IB Theory of Knowledge I and II

The Theory of Knowledge (TOK) course is central to the educational philosophy of the International Baccalaureate. Students critically reflect on diverse ways of knowing and areas of knowledge. TOK encourages students to consider their roles as "thinkers" and to consider the complexity of knowledge in structuring human existence. The course is designed to link the other six discipline areas of the IB program demonstrating the integration of different fields of study into one's means of "knowing."

LB SOCIAL STUDIES COURSES:

LB Social Studies (History, Geography, Civics) 9 and 12:

The LB Social Studies courses focus on the relationship between History, Geography, and Civics. Students will study social and economic developments, traditions, and norms within a

range of cultures, with a specific focus on the interplay between History and Geography. Their skills of analysis, comparison, and critical thinking will be further developed through study of economic, social and political issues and the constitutions of different governments and social institutions.

LB Philosophy 11

The Grade 11 Philosophy course will complete the first year requirements of the LB Philosophy syllabus. In the first semester students will understand the meaning of philosophy and identify its different schools to prepare them for the Grade 12 Philosophy course. This course will teach basic philosophical ideas regarding the Sophists' concepts and the different interpretations expressed by the natural philosophers. In the second semester students will start with the grade 12 LB Philosophy lessons.

LB Philosophy 12

The Grade 12 Philosophy and Civilization course is a requirement for the official program of the Baccalaureate in Life Science and Socio-economic tracks. The program deals with philosophical questions concerning psychology and knowledge, with specific focus on: tendencies, the consciousness, the unconsciousness, perception, memory, imagination, and intelligence.

Sciences (Group 4):

Grade	IB Program	LB Program
9	Biology 9	LB Biology 9 LB Chemistry 9 LB Physics 9
10	Chemistry 10 Physics 10	LB Chemistry 10 LB Physics 10
11	IB Biology I HL/SL* IB Chemistry I HL/SL IB Physics I HL/SL IB Sports, Exercise, and Health I HL/SL	LB Biology 11 LB Chemistry 11 LB Physics 11
12	IB Biology II HL/SL IB Chemistry II HL/SL IB Physics II HL/SL IB Sports, Exercise, and Health II HL/SL	LB Biology 12 LB Chemistry 12 LB Physics 12

*Students must select one IB Science course, but may elect to take a second IB Science course instead of a Group 6 course.

Biology 9

This course is designed to serve as an introductory course in biology. It provides the students with the basic skills needed in higher courses of biology. The course contains a lab component and students are required to write lab reports. The topics covered in this course are: Cellular Biology; Genetics; Evolution; Animal structure and function; Ecosystems. Successful completion of this course in Grade 9 is required to study HL Biology in Grade 11 and/or Grade 12.

Chemistry 10

This is an introductory course in chemistry. It provides students with fundamental chemical principles, which are necessary for understanding the composition and properties of matter and the changes it undergoes. The course covers the following basic topics: atomic model, electron configuration, periodic trends, nomenclature, the mole and molar conversions, reactions and equations, stoichiometry, solutions, acids and bases. Successful completion of this course in Grade 9 or Grade 10 is required to take Chemistry in Grade 11 and/or Grade 12.

Physics 10

This is an introductory course in physics. In this course, students are introduced to Basic concepts in Mechanics, Waves and electric currents and their application in everyday life. The course emphasizes critical thinking, problem solving strategies and skills and includes a practical work component where students design and perform lab experiments and write lab reports. Successful completion of this course in Grade 9 or Grade 10 is required to take Physics in Grade 11 and/or Grade 12.

IB COURSES:**IB Biology I HL/SL**

Prerequisite: Biology 9/10 and Teacher Recommendation

Standard Level Biology is a two-year course well suited for students who are interested in biology but whose principle interests lay in other subject areas. Topics include: cellular biology, chemistry of life, genetics, ecology, human health and physiology. As well, two topics will be chosen from a list of options and studied in depth. Practical work is laboratory and field based.

Higher Level Biology is suited for students who have a good background in biology and who are contemplating a biology-related profession such as medicine and dentistry. Higher Level Biology provides an in depth look at: biochemistry, genetics, cells, plants, ecology and human physiology. In addition, two options from a list of topics such as evolution, neurophysiology and behavior will be studied in detail. Practical work is laboratory and field based.

Students enrolled in Higher Level Biology are eligible to take the AP Biology exam but must independently study the topics included in the AP exam that are not covered in the IB Biology course.

IB Chemistry I HL/SL

Prerequisite: Chemistry 9/10 and Teacher Recommendation

IB Chemistry combines academic study with investigative skills. Through many mediums of instruction and learning, including both lab and field work and an experimental group project, students gain a practical understanding of the principles of advanced analytical, physical, organic, and nuclear chemistry. HL and SL classes are combined and cover the following core material: atomic and electronic structure, the periodic table, ionic and covalent compounds, covalent bonding, gases, reactions in aqueous solutions, stoichiometry, thermochemistry, liquids and solids, solutions, chemical kinetics, chemical equilibrium, acids and bases, complex ions (HL & AP), spontaneity of reactions, electrochemistry, chemistry of metals and nonmetals, environmental chemistry, organic chemistry.

Standard Level Chemistry is an introductory course, providing a comprehensive understanding of the basic concepts in chemistry and the role it plays in students' everyday life.

It also prepares students for the International Baccalaureate Exam in SL Chemistry. (At least 30 hours of lab work are required.)

Higher Level Chemistry is a general course equivalent to a college introductory chemistry course allowing students with strong mathematical ability and a challenged interest in science to develop a thorough understanding of the basic concepts in chemistry and the role it plays in their everyday life. With a strong emphasis put on advanced problem solving skills, it also prepares students for the International Baccalaureate Exam in HL Chemistry. (At least 50 hours of lab work are required.)

IB Physics I HL/SL

Prerequisite: Physics 9/10 and Teacher Recommendation

IB Physics is a rigorous course that allows students to develop a solid foundation in experimental skills, problem solving skills and knowledge in Physics. While planning, running and evaluating their own investigations, students learn how physicists work in real settings and they develop analytical, manipulative and collaborative skills. This is a course well suited to, although not limited to, students who wish to pursue careers in science or Engineering.

HL and SL classes are combined and cover the following core material: physics and physical measurement, mechanics, thermal physics, oscillations and waves, electric currents, fields and forces, atomic and nuclear physics, energy, power and climate. In addition, HL Physics covers: motion in fields, thermal physics, wave phenomena, electromagnetic induction, quantum physics and nuclear physics, and digital technology. Both SL and HL Physics require additional, in depth study of student-selected topics.

Since the Math is “the language of physics”, it is required that students joining this course have strong mathematical skills. In specific, students who want to pursue Physics HL should be enrolled in Math SL or HL.

IB Sports, Exercise, and Health I HL/SL

The IB DP course in Sports, Exercise and Health Science Standard Level (SL) involves the study of the science that underpins physical performance. The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition. Students cover a range of core and option topics and carry out 40 hours of practical (experimental) investigations in both laboratory and field settings. This provides an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimensions and ethics by considering sport, exercise and health relative to the individual in a global context. The course covers the following six topics as core material: Anatomy, Exercise

physiology, Energy systems, Movement analysis, Skill in sport, and Measurement and evaluation of human performance.

In addition, the students are required to study any two of four options: Optimizing physiological performance, Psychology of sport, Physical activity and health, Nutrition for sport, Exercise and health.

IB Biology II HL/SL

Prerequisite: IB Biology I

Standard Level Biology is a two-year course well suited for students who are interested in biology but whose principle interests lay in other subject areas. Topics include: cellular biology, chemistry of life, genetics, ecology, human health and physiology. As well, two topics will be chosen from a list of options and studied in depth. Practical work is laboratory and field based.

Higher Level Biology is suited for students who have a good background in biology and who are contemplating a biology-related profession such as medicine and dentistry. Higher Level Biology provides an in depth look at: biochemistry, genetics, cells, plants, ecology and human physiology. In addition, two options from a list of topics such as evolution, neurophysiology and behavior will be studied in detail. Practical work is laboratory and field based.

Students enrolled in Higher Level Biology are eligible to take the AP Biology exam but must independently study the topics included in the AP exam that are not covered in the IB Biology course.

IB Chemistry II HL/SL

Prerequisite: IB Chemistry I

IB Chemistry combines academic study with investigative skills. Through many mediums of instruction and learning, including both lab and field work and an experimental group project, students gain a practical understanding of the principles of advanced analytical, physical, organic, and nuclear chemistry. HL and SL classes are combined and cover the following core material: atomic and electronic structure, the periodic table, ionic and covalent compounds, covalent bonding, gases, reactions in aqueous solutions, stoichiometry, thermochemistry, liquids and solids, solutions, chemical kinetics, chemical equilibrium, acids and bases, complex ions (HL & AP), spontaneity of reactions, electrochemistry, chemistry of metals and nonmetals, environmental chemistry, organic chemistry.

Standard Level Chemistry is an introductory course, providing a comprehensive understanding of the basic concepts in chemistry and the role it plays in students' everyday life. It also prepares students for the International Baccalaureate Exam in SL Chemistry. (At least 30 hours of lab work are required.)

Higher Level Chemistry is a general course equivalent to a college introductory chemistry course allowing students with strong mathematical ability and a challenged interest in science to develop a thorough understanding of the basic concepts in chemistry and the role it plays in their everyday life. With a strong emphasis put on advanced problem solving skills, it also prepares students for the International Baccalaureate Exam in HL Chemistry. (At least 50 hours of lab work are required.)

IB Physics II HL/SL

Prerequisite: IB Physics I

IB Physics is a rigorous course that allows students to develop a solid foundation in experimental skills, problem solving skills and knowledge in Physics. While planning, running and evaluating their own investigations, students learn how physicists work in real settings and they develop analytical, manipulative and collaborative skills. This is a course well suited to, although not limited to, students who wish to pursue careers in science or Engineering.

HL and SL classes are combined and cover the following core material: physics and physical measurement, mechanics, thermal physics, oscillations and waves, electric currents, fields and forces, atomic and nuclear physics, energy, power and climate. In addition, HL Physics covers: motion in fields, thermal physics, wave phenomena, electromagnetic induction, quantum physics and nuclear physics, and digital technology. Both SL and HL Physics require additional, in depth study of student-selected topics.

IB Sports, Exercise, and Health Science II HL/SL

The IB DP course in sports, exercise and health science standard level (SL) involves the study of the science that underpins physical performance. The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition. Students cover a range of core and option topics and carry out 40 hours of practical (experimental) investigations in both laboratory and field settings. This provides an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimensions and ethics by considering sport, exercise and health relative to the individual in a global context. The course covers the following six topics as core material: Anatomy, Exercise physiology, Energy systems, Movement analysis, Skill in sport, and Measurement and evaluation of human performance.

In addition, the students are required to study any two of four options: Optimizing physiological performance, Psychology of sport, Physical activity and health, Nutrition for sport, Exercise and health.

LB COURSES:**LB Biology 9 (Brevet)**

This course introduces students to the human body and helps them understand the processes of digestion, respiration, circulation, and cellular metabolism. It also explains the basics of genetics. This course uses different approaches including lots of investigation and interpretation that are based on scientific reasoning. Lab sessions, computer experiments, projects, and software programs are used to reinforce the concepts learned. Lab experiments include: testing for organic compounds; dissection of the heart; dissection of the respiratory system; dissection of a diecious flower; testing for blood groups; and observing cellular division in onion root tip.

LB Chemistry 9 (Brevet)

The Brevet chemistry course is an introductory course at grade 9 level. It provides to students' fundamental chemical principles, which are necessary for understanding the composition and properties of matter and the changes it undergoes. The course is offered for two blocks per cycle for the whole year and covers the following basic topics: The Atom, The Periodic Table, Chemical Bonding, Electrochemistry, Organic Chemistry, Chemistry and the environment. The course contains a lab component and students are required to write lab reports. Lab experiments include identification of chemical and physical changes, flame tests, and Periodic trends in reactivity.

LB Physics 9 (Brevet)

This course is an introductory course in physics intended to prepare students for the governmental Brevet exam. It introduces the basic concepts in optics, electricity, and mechanics and emphasizes problem-solving strategies. It is offered on three blocks per cycle basis for the whole year.

LB Chemistry 10

Prerequisite: LB Chemistry 9

The Grade 10 Chemistry course for the Lebanese Track is a complementary course to the introductory course provided at grade 9 level. It provides to students' deeper insights into chemical principles, which were tackled in Brevet, and also adds new concepts necessary for grade 11 and grade 12 courses. The course is offered for two blocks per cycle over one semester and covers the following topics: The Structure of Matter, Chemical Reactions and Solutions. The course contains a lab component and students are required to write lab reports. Lab experiments include stoichiometry of chemical reactions, pH-metry, and acid-base titrations.

LB Physics 10

Prerequisite: LB Physics 9.

This course reinforces and provides deeper insights into the concepts introduced in Brevet, and also introduces new ones necessary for grade 11 and grade 12 courses. It aims to develop problem-solving abilities, promote critical thinking, and emphasize the experimental aspect of science by including a laboratory component. This course is offered on two blocks per cycle basis for the whole year and covers the following topics: Electricity, Mechanics, Waves, and Optics.

LB Biology 11

Prerequisite: LB Biology 9

This course will introduce the students to genetics, protein synthesis, molecular renewal, energy expenditure, cellular respiration, fermentation and the process of photosynthesis. Lab sessions, computer simulated experiments and software programs are used to reinforce the concepts learned and students are expected to write lab reports.

LB Chemistry 11

Prerequisite: LB Chemistry 10

The Bacc. I Chemistry course provide students specific chemical principles which are related to conceptual chemistry and industrial chemistry. The course assumes that students are acquainted with basic concepts of chemistry offered at grade 9 and 10. The course is offered for three blocks per cycle for one whole year and covers the following topics: *Thermochemistry, Electrochemistry, Industrial Inorganic Chemistry and Metallurgy*, Principles of manufacturing of important inorganic raw materials, principles of extraction of important metals, *Atomic Orbitals, Organic Chemistry, Petroleum and Natural Gas, Pollution*. The course contains a project component and a lab component and students are required to present their work and write lab reports. Lab experiments include redox titrations and organic reactions, projects include metallurgy, CFC's, and aromatic reactions.

LB Physics 11

Prerequisite: LB Physics 10

This course is intended to introduce and reinforce major Physics concepts in mechanics, waves, electricity, and magnetism. This course aims to develop problem-solving abilities, promote critical thinking, and emphasize the experimental aspect of science by including a laboratory component. It is offered on four blocks per cycle basis for the whole year.

LB Biology 12 (Life Sciences Bacc. II)

Prerequisite: LB Biology 11

This is a higher-level biology course that covers the important anatomical and physiological aspects of genetics and animal physiology including immunology, neurophysiology, and endocrinology. This course helps students not only build up knowledge in different fields of animal physiology but also apply acquired knowledge to similar situations, relate acquired knowledge to new given, and solve problems by practicing scientific reasoning. One research project presented in a power point form is requested every term. Lab sessions, computer simulated experiments (virtual labs), and software programs are used to reinforce the concepts learned. Lab experiments include: dihybrid cross in corn: The X^2 method; neurophysiology of nerve impulses: computer simulation; endocrine system physiology: computer simulation; and ELISA test: computer simulation

LB Chemistry 12 (Life Sciences Bacc. II)

Prerequisite: LB Chemistry 11

The LB 12 Chemistry course is a general course in chemistry allowing students to graduate from high school with a comprehensive and thorough understanding of the basic concepts in chemistry and the role it plays in their everyday life. With a strong emphasis put on problem solving skills, it also prepares students for the Lebanese Baccalaureate Exam in Chemistry. The course consists of a series of activities, discussions, problem-solving sessions, cooperative learning sessions, video projections, demonstrations, and laboratory work sessions in advanced analytical, physical, organic and nuclear chemistry, all these activities being essential to enable students to gain a more practical understanding of the principles. The course assumes that students are acquainted with concepts of chemistry offered at grade 9, 10 and 11. The course is offered on a four blocks per cycle basis for the whole year and covers the following topics:

§ The Gaseous State: Partial pressure, total pressure, mole fraction mean molar masses.

§ Chemical Kinetics: Rate of formation and disappearance, kinetic curves, average rate, instantaneous rate and initial rate, kinetic factors, rate constants, reaction orders, half-life, and catalysis.

§ Chemical Equilibrium: Homogeneous and heterogeneous equilibria, equilibrium constants, shifting equilibria, solubility equilibria.

§ Acid-base Chemistry: Definitions, pH, acid-base titrations, equivalence point, pH-metry, weak acids and bases, conjugate pairs, acid and base constants, acid-base equilibria, titrations of weak acids and bases and buffers.

§ Organic Chemistry: Functional groups, alcohols, carbonyl compounds, carboxylic acids and their derivatives, amines and amino acids, properties and reactions.

§ Polymers: Natural and synthetic polymers, characteristics and uses, economic and environmental impact.

§ Soaps and Detergents: Preparation of soaps, principle of detergency, synthetic detergents.

§ Current Medicinal Drugs: Analgesics, anesthetics, antacids, anti-inflammatory drugs, antibiotics, tranquilizers, and antidepressants.

LB Physics 12 (Life Sciences Bacc. II)

Prerequisite: LB Physics 11

This course is a college preparatory course that prepares students in the Life Science track for the official Baccalaureate II exam in Physics. It is an intensive mathematical-based course that provides in depth coverage of a wide range of physics concepts in the topics of Mechanics, Electricity, Aspects of light, Atomic, and Nuclear physics. It is offered on four blocks per cycle basis for the whole year.

Mathematics (Group 5):

Grade	IB Program	LB Program
9	Integrative Math 9	LB Math 9
10	Algebra II	LB Math 10
11	IB HL Math I IB SL Math I IB Math Studies I	LB Math 11
12	IB HL Math II IB SL Math II IB Math Studies II	LB Math 12

Integrative Math 9:

Prerequisites: Completion of middle school

TBD

Algebra II:

Prerequisites: Geometry

This course offers a wide range of advanced algebraic concepts and emphasizes the study of functions. These include: linear, quadratic, exponential, logarithmic and rational functions. The course also prepares students for more advanced mathematics and introduces them to the study of trigonometry and its various applications.

IB COURSES:

IB Math Studies I:

Prerequisite: Algebra II

This course is a two-year program offered for IB Diploma and Certificate students. The IB sets the syllabus and the external exam. The course is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. The course concentrates on mathematics that can be applied to contexts related as far as possible to other subjects being studied, to common real-world occurrences and to topics that relate to home, work and leisure situations. The program covers algebra; sets, logic and probability; functions; geometry and trigonometry; statistics; an introduction to differential calculus; and financial mathematics.

IB Mathematics Standard Level I:

Prerequisite: Algebra II

A two-year program offered for students enrolled in the IB diploma program. The IB sets the syllabus and the external exam. The course aims to develop a sound grounding in mathematical skills and understanding to facilitate further study of mathematics and subjects that depend upon mathematical analysis, such as biology, medicine, psychology, and business. Topics covered include algebra, sequences and series, logarithms and exponents, Binomial theorem, functions and graphs, coordinate geometry, trigonometry, simple differentiation and integration with applications, vectors, probability and statistics.

IB Mathematics Higher Level I:

Prerequisite: Algebra II

This course is a two-year program offered for IB Diploma and Certificate students. The IB sets the syllabus and the external exam. The course is designed for students with strong mathematical curiosity and/or those who expect mathematics to be a significant part of their university studies (I.e. physics, engineering, economics, architecture, technology, or mathematics itself). The course includes algebra, sequences and series, logarithms and exponents, Binomial theorem, mathematical induction, complex numbers, functions and graphs, trigonometry, Calculus: differentiation and integration with applications, vectors, statistics, discrete and continuous probability distributions, plus the optional topic of abstract algebra.

LB COURSES:**LB Math 9 (Brevet Math):**

Prerequisites: LB Math Grade 8

This course follows the program set by the Ministry of Education and prepares students for the official Brevet exam. The course includes number systems, operations on polynomials, linear equations, proportions, systems of equations, vectors and translation, right triangle trigonometry, coordinate and analytic geometry, geometric proofs, geometry of the circle, similar triangles and statistics.

LB Math 10:

Prerequisites: LB Math 9 (Brevet Math)

This course follows the program set by the Ministry of Education and prepares students for the governmental Baccalaureate exam. The course covers essentially the following topics: Set

theory, Real numbers, equations and inequalities, polynomials, vectors and lines, functions, and trigonometry.

LB Math 11:

Prerequisites: LB Math 10

This course follows the program set by the Ministry of Education and prepares students for the governmental Baccalaureate exam. It includes the study of: limits and functions, derivatives and anti-derivatives, circles in coordinate geometry, polynomials, trigonometry, sequences, 3-D geometry, vectors, elementary probability, and complex numbers.

LB Math 12 (Bacc. II Life Sciences Math):

Prerequisites: LB Math 11

This course follows the program set by the Ministry of Education and prepares students for the external Baccalaureate exam. The course builds on concepts introduced in the pre-Bacc. 11.

Topics covered are calculus and functional analysis, complex numbers, statistics and probability, trigonometry, and 3-D analytic geometry. The language of functions is used to deal with instantaneous change and infinite summation. The theory and application of derivatives and integrals is widely developed in this course.

Visual and Performing Arts (Group 6):

Grade	ART	DRAMA	MUSIC	OTHER
9	Foundations of Art I	Drama I	Symphonic Band	
10	Foundations of Art II	Drama I OR Drama II	Symphonic Band	Digital Photography I Graphic Design Yearbook
11	IB Visual Arts I	IB Theater I OR Advanced Theater	Symphonic Band	Digital Photography I Graphic Design Introduction to Ceramics Yearbook
12	IB Visual Arts II	IB Theater II OR Advanced Theater	Symphonic Band	Digital Photography I Graphic Design Introduction to Ceramics Yearbook

ART:

Foundations of Art I

Students explore 2D and 3D Art. They create projects involving drawing, painting, mixed media, printing, plaster casting and ceramics. Students experience working with a variety of different media. Their projects have an individual historical research component.

Foundations of Art II

Students will work with a variety of media in both the 2D and 3D areas.

Skills and topics covered include: investigating the proportions of the human form and face through drawing, painting and 3D expression; producing a small oil painting; working with atmospheric perspective and one and two-point perspective; learning watercolor techniques and skills; and creating a piece in ceramics.

The class includes a major Research Assignment on the Renaissance and each project includes a historical/cultural research component.

Introduction to Ceramics (NEW OFFERING)

This course is designed for students who have an interest in working with clay. It gives the students experiences in making functional as well as sculptural pieces using a variety of techniques. Well thought out forms, designs and functional uses along with good craftsmanship are emphasized. Students will create works of art in clay utilizing the processes of hand building using coils and slabs as well as wheel throwing. Students will glaze their projects and learn about the method used to fire their work. Due to room size this class is limited to 8 students.

IB Visual Arts I/II HL/SL

This course is a very challenging and rewarding experience for those who can match the course demands with the effort and time required for success. The course requires a strong interest in the visual arts, a good base of artistic skills built in grades 9 and 10, an interest in research and art history, and good time management skills. Students work in a variety of artistic media, choosing their own themes and projects. This course is based on independent work and is taught through teacher driven classroom assignments. Studio work and investigation are the primary components of this course. A Year 1 student will be required to produce 7 (SL) – 10 (HL) pieces as well as complete one research workbook in order to be on track to meet the total requirements for the two-year program as described below:

Studio work (60% of total IB grade) HL: minimum 144 hrs and 15-18 pieces produced. SL: minimum 90 hrs and 12 pieces produced.

Investigation (40% of total IB grade; the research, idea development, experiments, reflective writing and relevant preparation needed to improve a student's artwork.) HL: Approx. 96 hours and 300 pages. SL: Approx. 60 hours and 150 pages.

MUSIC:

Symphonic Band

This class is open to flute, clarinet, saxophone, trumpet, trombone, euphonium, percussion, guitar and tuba players. Students will continue to develop instrumental skills through scales, sight-reading and performing pieces of music as well as building the skills of improvisation and composition. There will be two major performances each year as well as other informal opportunities to perform. Students should have at least two years of experience on their instrument or permission from the music teacher.

PHOTOGRAPHY:**Digital Photography I**

This is an introductory digital photography class in which students will learn fundamental photography skills and concepts. This course is structured around a series of assignments that gradually build students working knowledge of the technical capabilities and shooting functions of digital SLR camera. Student use Nikon cameras supplied by the school but take full responsibility for camera while they are using it. The course will cover an introduction to the elements and principles of design, rules of composition, technical terminology and basic photo editing skills on Adobe Photoshop. There is also a research component based on the history and styles of photography.

Digital Photography II* (Prerequisite: Digital Photography I)

Digital 2 allows students to further developing their technical, photographic and artistic skills. The course extends the Adobe Photoshop photo editing skills students learned in Digital 1. A working familiarity with technical terminology, and the elements and principles of design is expected. Students will have the opportunity to work more in-depth with lenses, such as wide angle and fish eye, shoot in RAW, using HDR, and further explore the internal applications available within SLR cameras. In addition, students will be expected to work independently, building on previously acquired skills. Projects will include research based components. There will be emphasis on further developing a creative eye, individual experimentation, theme work and a focus on solidifying technical skills. While some photographing opportunities will be available during class time the expectation is that students taking this class will be to shooting several assignments on their own outside of school time.

*Not offered 2016 – 2017.

THEATER:**Drama I**

Students will explore the theatre process, theatre in performance and theatre in the world. Improvisation, creative dramatics, and scene work are used to introduce students to acting and character development. Drama I provides opportunities for students to develop skills in critical listening and thinking, as well as stage presence and ensemble work culminating in periodic classroom and/or public performances.

Drama II

This course is designed for students who have completed Drama I and promotes opportunities to build on existing skills. Classwork focuses on characterization, devising theatre and playwrights. Improvisation, creative dramatics and scene work are used to help students

challenge and strengthen their acting skills. Drama II provides opportunities for students to strengthen skills in critical listening and thinking, as well as stage presence and ensemble work culminating in periodic classroom and/or public performances.

IB Theater Arts I/II HL/SL & Advanced Theater

Both Advanced Theater and IB Theater require no previous experience in drama or theatre. The two courses run simultaneously, with IB students completing additional work as is required by IB.

The course is designed to encourage students to examine theatre in its diversity of forms around the world. At the core of the course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which can be achieved through the action of theatre (acting, directing, designing, and creating).

Theatre is about transformation. It is the application, through play, of energy and imagination to frame, reflect, expose, critique and speculate. By studying theatre, and engaging with it practically, students will discover how elusive, fascinating and varied theatre can be through the exploration of its theory, history and culture, and will find expression through work shopping, devised work or scripted performance.

The course emphasizes the importance of working individually and as a member of an ensemble through development of the organizational and technical skills needed to express one's self creatively in theatre and support one another. A further challenge for students following this course is to become aware of their own perspectives and biases and to learn to respect those of others.

OTHER ELECTIVES:

Graphic Design

The aim of this course is to introduce students to the skills and work of graphic design. Student will explore Photoshop, Illustrator, and InDesign through themed projects. By the end of the course, students will have built a large portfolio of work based in these three programs.

Yearbook

This course focuses on the creation and production of the school's yearbook. Students gather all materials needed for the project (photos, etc.), learn design and layout concepts, practically apply their learning through use of Photoshop, Illustrator, and InDesign, and gain hands on experience with the process of printing a large scale project.

Physical Education and Health:

Physical Education

Childhood obesity and diabetes is quickly becoming a pandemic in the Middle East, mainly because children are not receiving sufficient amounts of exercise. In view of this disturbing information, our PE focus at ACS is to optimize activity time for each student in each PE lesson. High School PE units such as Personal Fitness, Invasion Games, End-zone Games, etc., are developed and designed by our PE teachers to focus on maximal participation of each student according to his/her ability level. PE lessons are instructed in a variety of ways to accommodate for each students' individual learning style. Students will therefore have the opportunity to learn through inquiry-based lessons, small group activities, individual exercises, and full sided games. It is our main goal in the PE department to instill in each student a love of sport and a desire to engage in life-long fitness.
