



SECONDARY PROGRAM OF STUDIES 2024-2025

DUNECREST AMERICAN SCHOOL

Dunecrest American School in Dubai was established by Esol Education in 2018. With a heritage of 45 years of excellence, Esol Education has earned an exceptional reputation as a leading provider of high-quality international K-12 education, serving over 11,000 students across the Middle East, Mediterranean and East Asia.

Dunecrest provides local and international students with the option of an American High School Diploma as well as an optional track to pursue the International Baccalaureate Diploma Programme® in the last two years of high school

Our Mission:

At Dunecrest American School we provide a holistic American international education that inspires students to discover their talents, pursue their passions, and make a positive impact on their communities and the world beyond.

Our Vision:

To be a vibrant learning community that nurtures global leaders.

Our Values:

The CREST attributes of Creativity, Respect, Excellence, Service, and Teamwork are embedded and promoted throughout Dunecrest American School. These attributes are modeled and encouraged by teachers and as a community we celebrate student achievement in demonstrating each attribute.

***“Raising Student Achievement Every Day,
Every Way.”***

Our Goals

At Dunecrest American School, we meticulously map our curriculum collaboratively using Rubicon Atlas and ManageBac, harmonizing it with Common Core AERO and NGSS standards. Our emphasis lies in setting an academically challenging learning environment and fostering inquiry skills to nurture critical thinkers and future leaders. Our curriculum undergoes frequent collaborative development, ensuring regular reviews, updates, and enhancements, all geared towards providing our students with an ever-evolving, exceptional learning journey. Rooted in skill development and addressing real-world challenges, our curriculum maximizes interdisciplinary opportunities, empowering students to be risk-takers that make positive contributions to both our local community and the wider world.

At Dunecrest we rigorously analyze and continuously monitor assessment data. We triangulate external and internal assessment data against what we see in the classroom so that data is used effectively to skillfully plan and influence learning outcomes, which ensures all students make progress. Teachers have an in-depth knowledge of the strengths and weaknesses of individual students because they use the data provided and collaborate closely with specialist support departments; this enables teachers to provide differentiated personalized challenges and support to students of determination.

At Dunecrest we require our teachers to be up to date in their subject knowledge, and expertly apply that knowledge to their professional pedagogical practice by providing imaginative lessons and inspiring teaching. Students must know what their lesson objectives are and be challenged with differentiated success criteria. Students are encouraged to follow their passion, achieve their aspirations and enjoy learning. We enable students to be innovative and enterprising learners who are enthusiastic and take responsibility for their own learning in sustained ways. We give students the opportunity to interact and collaborate through a wide range of opportunities that connect areas of learning to a deeper understanding of the world around them.

A cornerstone for the personal development and success of our students is the fundamental concept of wellbeing that promotes an individual's overall health, happiness, quality of life and success, in a supportive, safe, positive and thriving community. Our students and staff demonstrate an excellent understanding of safe and healthy living, and make good choices in this respect. We expect a high level of self discipline and determination. Students are sensitive to others' differences and show empathy and respect to all, including an appreciation of Islamic values and the heritage and culture of the UAE. Our staff and students' social contributions have a positive effect on the wider local and world community.

Leadership is effectively delegated through the school, building capacity for sustained improvement and empowering individuals to be highly successful. Leaders at all levels demonstrate a comprehensive knowledge of the curriculum and best practice in teaching & learning and assessment. Leaders establish a purposeful learning culture that is inclusive and focussed on student and staff outcomes. At Dunecrest there is an ethos of collective responsibility with a clear understanding of what needs to be done to innovate and improve the school. The school is fully compliant with regulatory requirements.

SECONDARY ADMINISTRATION

Secondary School Principal

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ELL Coordinator

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Secondary School Administrative Assistant

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SECONDARY COUNSELING

Counseling Coordinator / High School Counselor

Zeina Mouganie
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Middle School Counselor

Kristy Sims
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Counseling & IB Administrative Assistant

Roda Legaspi
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GRADUATION REQUIREMENTS:

To qualify for the Dunecrest American School Diploma, students are required to successfully complete four years of high school, including full-time attendance for their senior year (Grade 12) to earn a minimum of 25 credits. In addition, a student must fulfill our attendance and course credit requirements.

Attendance:

Students are expected to maintain a consistent attendance rate of at least 75% in each class. The Dunecrest Student/Parent Handbook delineates the attendance guidelines, including the potential consequences for non-compliance.

Credits:

To graduate from Dunecrest American School, students must satisfactorily fulfill the prescribed course requirements. According to the Knowledge and Human Development Authority (KHDA), one credit is equivalent to 120 hours of instructional time. While most courses are one academic year in duration, courses are divided into two distinct semesters for grading purposes. Each semester constitutes 60 hours of instruction, or 0.5 credit hours. Students earn credit for the successful completion of courses with a 60% (D-) or higher. Credit is given for courses taken in Grades 9-12 only. The school will award its diploma exclusively to those who have successfully met all the mandated academic criteria.

GRADUATION REQUIREMENTS		
	Arab Passport Holders	Other
English	4	4
Math	4	4
Science	4	4
Social Studies	4	4
Physical Education	2	2
Modern Languages	1	2
Arabic	4	1
Electives/Other	2	4
Total Credits Required	25	25

****Muslim students are required to successfully complete the Islamic Studies course in all 4 years of High School***

Only coursework that is completed at Dunecrest American School or an Esol Education School is used to determine a student's grade-point average (GPA)

GRADING SYSTEM			
Letter Grade	Percentage	IB Grade	GPA
A+	97-100%	7	4.0
A	93-96%		4.0
A-	90-92%	6	3.7
B+	87-89%		3.3
B	83-86%	5	3.0
B-	80-82%		2.7
C+	77-79%	4	2.3
C	73-76%		2.0
C-	70-72%		1.7
D+	67-69%	3	1.3
D	63-66%		1
D-	60-62%	2	0.5
F	Below 60%	1	0.0

IB HL and AP Courses: earn an addition of 0.25 to the standard weighting.

UAE Equivalency Requirements:

To prepare our graduates for their next steps, we've established the following steps for guiding them through their transcript/diploma attestation and equivalency:

1. Transcript Attestation (KHDA):
 - Get your official transcript stamped by the school.
 - Follow these steps:
 - 1.1. Register and login on [KHDA's website](#)
 - 1.2. Add student/s.
 - 1.3. Upload certificate.
 - 1.4. Verification and approval **from KHDA and** school.
 - 1.5. Make online payment. (Aed.120 per service/file).
 - 1.6. Download **attested** certificate.

2. Equivalency from Ministry of Education (optional for postgraduate education or future work in the UAE)
 - Request for an equivalency via the [MOE Equivalency](#).
Follow these steps:
 - 2.1 Visit the Ministry of Education website: www.moe.gov.ae
 - 2.2 Access the “**Electronic Services**” and click on “**Service Gallery**”.

For further assistance, you can contact the Ministry of Education:

Contact Number: 80051115

Email: ccc.moe@moe.gov.ae

Arabic Language Requirements

Arabic language is a required course for all Grade 6 - 9 students, regardless of passport. All students registered through KHDA with an Arab passport must take Arabic every semester throughout secondary school (6-12), as per KHDA regulations. Refer to the list of Arab countries below.

Algeria	Bahrain	Comoros	Djibouti	Egypt	Iraq
Jordan	Kuwait	Lebanon	Libya	Mauritania	Morocco
Oman	Palestine	Qatar	Saudi Arabia	Somalia	Sudan
Syria	Tunisia	U.A.E.	Yemen		

Islamic Education Requirements

All Muslim students registered with the KHDA are required to take Islamic Education every semester as per KHDA regulations.

GENERAL SCHEDULING INFORMATION:

Timeline:

The course selection process commences in February and concludes in May, facilitated by a team including the Counselors, the Assistant Principal, the IBDP Coordinator and faculty members, who collectively guide students in selecting suitable academic courses.

Course Load:

Students in grades 6 to 10 are required to enroll in eight courses. Grade 11 and 12 students are required to enroll in a minimum of seven credit-bearing courses. Students are encouraged to select a program of study that meets their ability-level, piques their interest, fulfills diploma requirements, and furthers their university admission and/or career objectives.

Course Prerequisites:

Certain courses necessitate the prior completion of one or more specific courses before enrollment. For instance, the first year of a cumulative subject serves as a prerequisite for its subsequent year (e.g., Integrated Math I is required before Integrated Math II). Prerequisites are clearly listed in the course listings.

Course Placement:

Students will receive course recommendations. If a student is not recommended for a particular course but desires to enroll, it is advised to initiate a discussion with the current subject teacher and counselor. The final decisions are reached collaboratively by the Principal, in consultation with the family, the Assistant Principal, and the student's counselor.

Course requests:

Decisions about the courses offered are based on data collected through PowerSchool course selection during the second semester. The choice of courses made by students has a substantial impact on staffing and resource planning, alongside other critical decisions. Students are encouraged to approach their course requests with careful consideration.

Add/Drop Information:

During the initial two weeks of the school term, students have the flexibility to add/drop a course. After the initial two-week grace period, any course Add/Drop can only occur if it is initiated by the teacher or counselor, and only under specific circumstances, such as a teacher's determination of misplacement. All course changes are based on availability. The process requires an official request from students, confirmation from parents, and approval from the Principal and/or IBDP Coordinator, along with the necessary approval from Counselor and the affected teachers.

ACADEMIC PROGRAM INFORMATION:

General American Diploma Track

Dunecrest educators have developed general middle and high school courses to facilitate students in completing a well-rounded university preparatory program. These courses adhere to American Common Core standards and/or relevant subject-specific standards. The schedule incorporates a mix of general high school courses, as well as Advanced Placement (AP) and International Baccalaureate Diploma Programme (IBDP) courses, emphasizing the attainment of the Dunecrest High School diploma.

Academic Offerings (by Grade Level):

	Grade 6	Grade 7	Grade 8
Mandatory Courses	English Mathematics Science Social Studies Arabic Physical Education	English Mathematics Science Social Studies Arabic Physical Education	English Mathematics Science Social Studies Arabic Physical Education
Elective Choices	Students rotate through each course quarterly: Visual Arts Theatre Music Computer Science	Students select 2 (1 per semester): Visual Arts Theatre Music Computer Science	Students select 2 (1 per semester): Visual Arts Theatre Music Computer Science
Language Choices	Students Select 1 for the year: Spanish French German (Native Speakers Only)	Students Select 1 for the year: Spanish French German (Native Speakers Only)	Students Select 1 for the year: Spanish French German (Native Speakers Only)
Islamic Education	All registered Muslim students must attend Islamic Studies	All registered Muslim students must attend Islamic Studies	All registered Muslim students must attend Islamic Studies

	Grade 9	Grade 10
Mandatory Courses	English Mathematics Science Social Studies Arabic Physical Education	English Mathematics Science Social Studies Physical Education
Elective Choices	Students select 1: Visual Arts Theatre Music Computer Science Strength & Conditioning	Students select 1: Visual Arts Theatre Music Computer Science Strength & Conditioning

Language Choices	Students Select : Spanish French German (Native Speakers Only)	Students Select 1: Spanish French German (Native Speakers Only) Arabic
Islamic Education	All registered Muslim students must attend Islamic Studies	All registered Muslim students must attend Islamic Studies

In grades 11 and 12, students have a variety of academic pathways to choose from to suit their individual goals and interests. One option is pursuing the full International Baccalaureate (IB) Diploma, which offers a rigorous and comprehensive curriculum that emphasizes critical thinking, research skills, and global perspectives. Another option is to follow the American Diploma track, which provides a more traditional education focused on core subjects and standardized testing. Additionally, students can opt for a hybrid pathway that allows them to mix and match courses from the American, IB, and Advanced Placement (AP) programs to create a customized academic experience. These pathways offer students the flexibility to tailor their education to their strengths and aspirations, preparing them for success in college and beyond.

Examples of Grade 11 & 12 Academic Pathways:

	Full American Diploma	Full IB Diploma	Hybrid (IB & AD courses)
Grade 11	English 11 Integrated Math III Chemistry Integrated Humanities III Spanish Physical Education Theatre	English Lang. & Lit HL Spanish ab initio SL Global Politics SL Biology HL Mathematics A & A SL Visual Arts HL CORE (CAS, TOK, EE)	English 11 Spanish Ab Initio SL Biology HL Integrated Humanities III Integrated Math III Theatre
Grade 12	English 12 AP Pre-Calculus Physics Business Spanish Physical Education Theatre	English Lang. & Lit HL Spanish Ab Initio SL Global Politics SL Biology HL Mathematics A & A SL Visual Arts HL CORE (CAS, TOK, EE)	English 12 Spanish ab initio SL Biology HL Business AP Pre-Calculus Theatre
Islamic Education	All registered Muslim students must attend Islamic Studies	All registered Muslim students must attend Islamic Studies	All registered Muslim students must attend Islamic Studies

Advanced Placement Program

What is the Advanced Placement Program?

The Advanced Placement Program (AP) enables willing and academically prepared students around the world to pursue university-level studies while still in high school, with the opportunity to earn credit (points toward an undergraduate degree) or advanced placement (the opportunity to skip an introductory-level university course) in North American universities. AP is recognized as a highly desirable academic credential around the globe: it is recognized in the admissions process by more than 4,000 universities worldwide, and outside the U.S., more than 600 universities in more than 65 countries recognize qualifying AP Exam scores. AP courses and exams measure students' mastery of university-level course content. The program allows students to develop a global perspective, as well as skills such as critical thinking and problem-solving.

AP Examinations

AP Examinations are created by a committee of experienced AP secondary school teachers and university professors specializing in each of the disciplines for which an examination is offered. The exams consist of a multiple-choice portion and a free response portion, which are externally graded by AP examiners in the United States of America.

Total composite scores for the combined multiple-choice and free-response portions of the exams are converted into AP grades of 1 (no recommendation) to 5 (extremely well qualified), which are released in mid-July to the students and the colleges and universities of their choice.

AP Courses at Dunecrest

At Dunecrest we strive to offer a range of AP courses to allow students to take higher level courses, however, do not offer a full AP program. We currently offer AP courses in Science and Mathematics.

International Baccalaureate

What is the IB Diploma?

The International Baccalaureate Diploma Program, derived from educational practices worldwide, was developed to provide students from diverse backgrounds with a globally recognized education credential accepted by universities internationally. The assessment approach in the IB program is diverse, authentic, and spans the entire duration of IB instruction.

The culmination involves a series of examinations, drawn from six subject groups:

- Group 1 Studies in Language and Literature
- Group 2 Language Acquisition

- Group 3 Individuals and Societies
- Group 4 Experimental Sciences
- Group 5 Mathematics
- Group 6 The Arts

Students must select one course from each group. As an alternative to a Group 6 course, students may choose to take a second course from Groups 1–4.

Of the six courses, three must be at the Higher Level, and the remainder at the Standard Level. Students not pursuing the full IB Diploma can opt to take examinations in any subject and receive a course certificate of achievement.

Other Requirements for the IB Diploma

Full IB Diploma students must study one course from each of the first five groups and a course from Group 6 or a second course from Groups 1–4. Additionally, all Diploma candidates must meet three central requirements:

- Theory of Knowledge, an externally assessed course that contrasts ways of knowing in all six subject groups;
- Extended Essay, an externally assessed, independent research paper of 4,000 words in one of the six subject groups;
- Creativity, Activity, Service (CAS), consistent active involvement in artistic, physical and community service activities.

IB assessments are scored on a 1–7 scale, with up to three additional points available for exemplary work on Theory of Knowledge and the Extended Essay. To earn an IB Diploma, a student must achieve a minimum total score of 24 points without any failing conditions.

The final IB grade of 1 – 7 generally comprises two major components:

- Between 20 and 40 percent of the grade is based upon coursework completed over two years, using internal and external assessments and graded by IB teachers against specific published criteria.
- The remaining 60–80 percent of the grade is based on external assessments developed by an international board of chief examiners, with input from IB teachers worldwide.

These criterion-based assessments are graded by an international body of trained IB examiners. The examiner's work is moderated by an examining board ensuring consistency in scoring across subjects and globally.

How do universities recognize International Baccalaureate courses and the IB Diploma?

The IB has achieved widespread recognition as a universally accepted admissions credential. Agreements are in place with the ministries of education and universities in countries acknowledging the IB Diploma as a valid qualification for entry into post-secondary study.

Advanced Level Course Admission Criteria

In order to be admitted into advanced level courses (IBDP or AP) at Dunecrest American School, students must meet specific academic requirements. Criteria used to evaluate a student's placement in an advanced level course are CAT4 & MAP data, internal grades, approaches to learning (ATLs), and teacher recommendations. Students who do not meet the requirements will not be admitted into the courses. In certain cases, a student may be admitted with additional documentation or academic waivers and continued enrollment in the course will be re-evaluated within a set timeframe.

AP VS. IB COMPARISON

Both the AP and IBDP represent demanding educational paths committed to achieving excellence in education. Each establishes elevated performance standards for both students and faculty. These pathways are appealing to driven students aspiring to excel academically and secure admission to prestigious universities globally

Advanced Placement		International Baccalaureate
Students in Grades 11 and 12 have access to the Advanced Placement Program (AP). This program allows motivated students worldwide to engage in university-level studies during their high school years, providing them the chance to earn credit or advanced placement at U.S. universities.	Overview	The IB Diploma Program caters to motivated students in Grades 11 and 12, specifically those possessing outstanding breadth and depth of knowledge, studying in two languages, and excelling in traditional academic subjects. Alongside coursework, students must meet three additional "core" requirements. This program provides students with the chance to earn credit recognized by universities worldwide.
A team of experts and university-level educators in each subject area develops the AP curriculum for the College Board. To attain the AP designation, a high school course undergoes an audit by the College Board, ensuring alignment with the established AP curriculum standards.	Curriculum	Syllabi for the IB Diploma are crafted by committees on a global scale to guarantee alignment with equivalency standards set by educational agencies and universities. Each course includes required content as well as a range of options from which instructors and students can make selections.
Typically, students in Grades 11 or 12 at Dunecrest, enrolled in the American Diploma pathway, opt for one or two AP classes annually. The flexibility in course selection allows each student's schedule to be tailored to meet both graduation and university entrance	Mandatory Classes	IB students are required to undertake three "higher level" courses and three "standard level" courses, encompassing two languages, math, science, social science, and a course in the arts. Additionally, students must fulfill three "core" requirements: Theory of Knowledge (TOK), Extended

requirements. The AP Pathway provides students with the opportunity to specialize in a specific subject area and enroll in multiple courses within that field.		Essay, and engagement in Creativity, Activity, Service (CAS).
Assessments are grounded in coursework accomplished over a one-year period. Examinations, scheduled for May, generally extend over two to three hours, varying by subject. The initial segment commonly involves multiple-choice questions, while the subsequent part encompasses free response questions, such as essays, problem solutions, or oral responses. Evaluation of exams is conducted by designated university professors and seasoned AP educators.	Examination Overview	Examinations are based on the coursework accomplished over a two-year period, involving both internal and external assessments. The externally assessed exams are administered globally in May of Grade 12, typically comprising two or three exam papers. Evaluation of all external assessments is conducted by independent examiners appointed by the IB. Internal assessments differ by subject and may include oral presentations, practical work, or written assignments. Internal assessment contributes to 20% to 40% of the score awarded for each subject, scored by teachers in the school and moderated by IB examiners.
Students are assigned a score ranging from 1 to 5, with 5 being the highest, on AP exams. These scores result from a weighted combination of performance on both the multiple-choice and free-response sections. While universities establish their credit and placement policies, AP scores serve as a recommendation regarding students' eligibility for college credit and placement.	Examination Scoring	Students are assigned scores ranging from 1 to 7, with 7 representing the highest achievement, for each attempted IB course. The final Diploma score is derived from the cumulative scores across all subjects. The Diploma is conferred upon students who attain a minimum of 24 points, meeting specific performance thresholds and successfully completing requirements such as TOK, the Extended Essay, and CAS.
The AP Program is available in 20,000 schools globally, with over 1,400 of them situated outside the United States across 123 countries. In the year 2020, more than 125,000 AP exams were undertaken by over 60,000 students in international locations.	Participation	Presently, there are 3,090 authorized IB Diploma schools spanning 150 countries. In the year 2022, more than 110,000 students successfully obtained the full IB Diploma.
Over 4,000 universities globally acknowledge AP in their admissions process. Outside the U.S., more than 700 universities across 65 countries recognize qualifying AP exam scores for admissions consideration.	University Recognition	Globally, the IB Diploma has garnered widespread recognition from educational authorities and universities, often being considered as an alternative to national examinations or qualifications.

COURSE OVERVIEW INFORMATION

ENGLISH LANGUAGE ARTS

GRADUATION REQUIREMENTS: 4 YEARS / 4 CREDITS

The English Language Arts department focuses on developing students' reading, writing, and communication skills. Students will study various forms of literature, including novels, plays, poems, and essays, and learn how to analyze and interpret them. They will also work on improving their writing skills by composing essays, research papers, and creative pieces. In addition, students will learn grammar and vocabulary skills to help them effectively communicate their ideas. The overall aim is to help students become proficient and confident readers, writers, and communicators.

Course Descriptions

English Language Art 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: English 5

In Grade 6 English Language Arts, students will examine the theme “Change” by reading a variety of fiction and nonfiction texts that aim to create connections to the world and everyday life. Through explicit instruction in close reading, students will develop analysis skills. These skills will prepare students to participate in collaborative discussions and engage in unique writing tasks, including narrative, literary analysis, and argumentative writing.

English Language Art 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: English 6

In Grade 7 English Language Arts, students will examine the theme “Choice” by reading a variety of fiction and nonfiction texts that aim to create connections to the world and everyday life. Each unit will prepare students to participate in collaborative discussions and engage in unique writing tasks, including narrative, expository, and comedy.

English Language Art 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: English 7

In Grade 8 English Language Arts, students will examine the theme “Challenge” by reading a variety of fiction and nonfiction texts that aim to create connections to the world and everyday life. Through explicit instruction in close reading, students will

develop critical analysis skills. These skills will prepare students to participate in collaborative discussions and engage in unique writing tasks, including narrative, literary analysis, and argumentative writing.

English Language Art 9

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: English 8

Course Descriptor: Thematic concepts are investigated through reading a variety of texts including informational articles, short stories, historical articles, poetry. Evidence is gathered from the texts and incorporated in written and oral responses, including a presentation using multiple forms of media. More varied and complex writing is explored in this grade including a variety of modes: argumentative, explanatory, and narrative writing.

Works studied may include (but are not limited to): “Bread,” Atwood “The First Day,” Jones, “What Happened During the Ice storm”, Heynan, “The Red Fox Fur Coat”, Gersão, a choice of short stories, with a twist, from authors including Dahl, Bradbury. Poetry studied includes Spoken Word and SLAM from a variety of authors/performers. An extract from “Romeo and Juliet” and finally a choice from: “The Secret Life of Bees”, Kidd, “Speak”, Anderson and “Odessa”, Hill.

English Language Art 10

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: English 9

Course Descriptor: Students learn to identify claims and counterclaims in arguments. They synthesize evidence from texts into their own presentations and writing and develop their own persuasive arguments. Students undertake a literary analysis of a text they choose, examining the impact of time and place on the writer’s choices, they write fully developed analyses and give thorough oral presentations and performances. There are generally 2 major assessments per unit and several minor assessments.

Works studied may include (but are not limited to): cartoons, poetry, drama, non-fictional texts: op-eds, speeches, proclamations, editorials, articles, infographics, visual texts. Literature including the following: “Frankenstein”, Shelly (Graphic novel), “The Great Gatsby”, Fitzgerald, “The Curious Incident of the Dog in the Nighttime”, Haddon, and “Medea”, Euripides

English Language Art 11

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: English 10

In this grade, concepts that shape identity (both individual and group) and how we engage with the world around us are explored through the study of world literature and rhetorical texts. Foundational documents and full-length works from the 20th century are read and analyzed. These texts assist in gathering evidence to incorporate in writing, speeches, performances, and presentations about what it means to be a member of a community, the role of media in shaping how we think, and the tools authors use to bring about social change. Students compare print and film versions of key texts, and study various features of news outlets, media and advertising, and neuromarketing techniques while working collaboratively to create media products

AP English Language and Composition

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: English 10

**This is an advanced-level English course. Students' acceptance is based on teacher recommendation and other data points.*

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

English Language Art 12

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: English 11

In this grade, students explore concepts that shape thought and perception through studying various forms of literary critique. These include studying texts through feminist, Marxist, and historical lenses. Texts include a variety of news media, personal essays from varying cultural perspectives, and plays which expose socioeconomic differences. These texts help students gather evidence to incorporate in writing, speeches, performances, and presentations about the way different individuals and societies perceive the world and shape viewpoints.

IB English A: Language & Literature SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: English 10

In the language A: language and literature course students learn about the complex and dynamic nature of language and explore both its practical and aesthetic dimensions. They explore the crucial role language plays in communication, reflecting experience and shaping the world.

Students also learn about their own roles as producers of language and develop their productive skills. Throughout the course, students explore and analyze the various ways in which language choices, text types, literary forms, and contextual elements, such as culture, all affect meaning.

Over the 2 years:

HL students study a total of 6 'Works' (literary texts such as novels, plays, poems) and 3 (or more) Bodies of Work (collections of a wide range of nonliterary texts such as Blogs, Speeches, Pop Art, photography and more).

SL students study 4 Works as well as Bodies of Work.

All students examine both a Work and a text from a Body of Work for their Individual, Oral using a Global Issue of their choice as a perspective for the presentation.

Students learn how to critically analyze texts in depth in preparation for the final exams, which consist of Paper 1 (an analysis of an unseen non-literary text in response to a guiding question) and Paper 2 ~ (a response to an essay prompt comparing 2 (or more for HL) of the Works read).

HL students write the Higher Level Essay on a line of inquiry of their choice on either a Work or Body of Work of their choice.

All students are given multiple opportunities to build critical thinking, collaborative and analytical skills throughout the course. Students are required to keep reflections, notes, presentations, creative pieces, and practice papers in their digital Learner Portfolio in Managebac.

MATHEMATICS

GRADUATION REQUIREMENTS: 4 YEARS / 4 CREDITS

The Mathematics Department provides students with a solid foundation in the basics of the various fields of mathematics (arithmetic, algebra, geometry, computation, logic, functions, numerical, graphical, and statistical analysis).

Students apply these skills to real world problems and gain an understanding of advanced concepts that are transdisciplinary.

Course Descriptions

Math 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: Math 5

In grade 6, Mathematics is a concept and rules-based course that places continued emphasis on the study of whole numbers, decimals, and rational numbers (fractions). By the end of sixth grade, a student masters the four arithmetic operations with whole numbers, positive fractions, and positive decimal integers; a grade six student accurately computes and solves problems. Students understand the concepts of mean, median, and the mode of data sets and how to calculate the range. Students will also use ratios to compare data sets; make conversions within a given measurement system; classify two-dimensional figures; collect, analyze, display, and interpret data using a variety of graphical and statistical methods. Sixth grade students begin using integers and percentages and investigate numerical and geometric patterns.

Math 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: Math 6

In grade 7, there are 5 key units: Ratio and Proportional Relationships, the Number System, Expressions and Equations, Geometry, and Statistics and probability. In each unit students will focus on certain mathematical practices. They include solving real world problems through the application of algebraic and geometric concepts, representing a wide variety of real world contexts through the use of real numbers and variables in mathematical expressions, equations, and inequalities, constructing arguments using verbal or written explanations accompanied by expressions, equations, inequalities, models, and graphs, tables, and other data displays, and modeling problem situations symbolically, graphically, tabularly, and contextually. Finally, students will continue to refine their mathematical communication skills by using clear and precise language in their discussions with others and in their own reasoning.

Math 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: Math 7

In grade 8, there are 5 key units: the Number System, Expressions and Equations, Functions, Geometry, and Statistics and probability. In each unit students will focus on certain mathematical practices.

They include solving real world problems through the application of algebraic and geometric concepts, representing a wide variety of real world contexts through the use of real numbers and variables in mathematical expressions, equations, and inequalities, constructing arguments using verbal or written explanations accompanied by expressions, equations, inequalities, models, and graphs, tables, and other data displays, and modeling problem situations symbolically, graphically, tabularly, and contextually. Finally, students will continue to refine their mathematical communication skills by using clear and precise language in their discussions with others and in their own reasoning.

Integrated Math I

Credit: 1.0

Length: 1 Year

Grade Level(s): 8 - 9

*Prerequisite: Math 8 or Math 7**

**This is an advanced level mathematics course. Students' acceptance is based on teacher recommendation and other data points.*

The Integrated Math I course integrates Algebra, Geometry, Statistics and Probability, Logical Reasoning, Measurement, and Discrete mathematics. The math program is spiraled and incorporates skills within its frameworks: Number Sense and Operations; Patterns, Relations, and Algebra; Geometry; Measurement; and Data Analysis, Statistics, and Probability. Emphasis is placed on problem solving, critical thinking, communication, and connections among the mathematical topics and other subject areas. Through the integration of different strategies including visual and hands-on approaches, real life applications, exploratory activities and projects, use of technology, group work and open-ended problem solving, students develop stronger conceptual and problem-solving skills.

Integrated Math II

Credit: 1.0

Length: 1 Year

Grade Level(s): 9 - 10

Prerequisite: Integrated Math I or Math 8 with a minimum of B+ and teacher recommendations based on other data points

The Integrated Math 2 course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving, and continue to develop their abilities in abstract reasoning. Students will extend their skills with linear functions and relations and extend their skills in solving linear equations and inequalities. Students will solve and apply linear systems, investigate quadratic functions and use these skills in applications, investigate the basics of trigonometry of right and non-right triangles and use these skills to solve trigonometric problems using these ratios; and develop supporting algebraic skills. They will extend their knowledge of statistics and Probability to further representations and interpretations. The goal of this course is to prepare students for future studies in the IB program in grades 11 and 12.

Integrated Math III

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: Integrated Math II

Integrated Math III is the third course of a three-course sequence including Integrated Math I, Integrated Math II, and Integrated Math III. In this course, students expand their repertoire of functions to include polynomial, rational and logarithmic functions. They also expand their study of trigonometry to Trigonometric Functions. Students will study distributions of data and explore the limitations and implications of statistical studies. And, finally, students bring together all of their experience with functions, Trigonometry, and Statistics to create models and solve contextual problems, developing a deep conceptual understanding of mathematical relationships and concepts they will need to succeed in school and in life.

AP Pre-Calculus

Credit: 1.0

Length: 1 Year

Grade Level(s): 11-12

Prerequisite: Integrated Math III or Integrated Math II, with a minimum of B+ and teacher recommendations based on other data points

AP Precalculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. Students explore the nature of graphs and enhance their comprehension of polynomial, rational, exponential, and logarithmic functions. With a scaffolded approach, the course provides clear instruction while guiding students through an advanced examination of trigonometric functions, matrices, and vectors.

The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

Math Modeling: Functions

Credit: 1

Length: Year-Long

Grade Level(s): 11

Prerequisite: Integrated Math II

In the Math Modeling course, students delve into the material commonly found in a standard college algebra curriculum, with a specific focus on functions and modeling. This emphasis extends to the integration of trigonometry and discrete mathematics. The course equips students with the ability to apply mathematical principles to formulate, analyze, and assess models.

Through modeling, students articulate their perceptions of how the world operates, translating these beliefs into the language of mathematics. This involves the formulation of ideas, identification of underlying assumptions, adherence to well-defined rules for mathematical manipulations, and leveraging technology to bridge theoretical knowledge with real-life applications.

Math Modeling - Statistics and Probability

Credit: 1

Length: Year-Long

Grade Level(s): 12

Prerequisite: Integrated Math III or equivalent

The Math Modeling - Statistics course introduces students to essential statistical concepts with a strong emphasis on practical applications. It delves into the thinking processes behind data collection, analysis, and drawing conclusions, incorporating elements of probability theory and foundational principles of statistical inference. Key topics covered include the Nature of Probability and Statistics, Frequency Distribution and Graphs, Measures of Central Tendency, Probability & Counting Rules, Discrete Probability Distributions, Normal Distribution, Confidence Intervals, and Sample Size. Throughout the course, students actively engage in projects that involve hands-on experiments, applying best practices in experimental design. These projects not only reinforce theoretical concepts but also provide practical insights into real-world applications of statistical modeling.

AP CALCULUS AB

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Pre-Calculus or Integrated Math III, with a minimum of B+ and teacher recommendations based on other data points

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

IB Mathematics: Analysis & Approaches SL/HL

Credit: 2.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite SL: Integrated Math III or Integrated Math II with a minimum of B+ and teacher recommendations based on other data points

Prerequisite HL: Integrated Math III with a minimum of B+ and teacher recommendations based on other data points

The IB DP Mathematics: analysis and approaches course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

IB Mathematics:: Applications and Interpretations SL/HL

Credit: 2.Length: 2 Year

Grade Level(s): 11-12

Prerequisite SL: Integrated Math III or Integrated Math II

Prerequisite HL: Integrated Math III or Integrated Math II with a minimum of A and teacher recommendations based on other data points

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. This course is for students interested in social sciences, natural sciences, medicine, statistics, business, engineering, some economics, psychology and design; for students to develop strong skills in applying mathematics to the real-world using technology with an emphasis on modeling and statistics.

SCIENCE

GRADUATION REQUIREMENTS: 4 YEARS / 4 CREDITS

The Science Department provides students with a robust foundation in physical, earth, and life sciences, fostering a scientific mindset. Our curriculum emphasizes practical application, equipping students to tackle real-world challenges. Through engaging coursework and hands-on experiences, students gain a deep understanding of advanced, transdisciplinary concepts.

We cultivate curiosity, encouraging exploration and questioning. This approach not only prepares students for future academic pursuits but also hones critical thinking and problem-solving skills essential in the dynamic realm of scientific exploration.

Course Descriptions

Science 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: Grade 5 science

The 6th grade Science class activities have been specifically crafted to align with the Next Generation Science Standards (NGSS), which aim to cultivate a thorough comprehension of subject matter and foster crucial competencies - such as communication, collaboration, inquiry, problem-solving, and adaptability - that will benefit students throughout their academic and professional journeys. The curriculum will adopt an integrated approach to science, commencing with an introduction to life sciences, encompassing an exploration of the cell and its constituents, gradually progressing towards the study of bodily systems and their interactions. Subsequently, the course will delve into the physical sciences, investigating the concepts of potential and kinetic energies and examining their applications, interactions, and conservation. The final segment of the course will focus on earth systems, with an emphasis on climate, weather, resources, and human impact. Throughout the course, the primary objective will be to equip students with the skills necessary to think and act like scientists, enhancing their critical thinking abilities and scientific literacy.

Science 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: Science 6

In seventh grade, students will continue to advance their learning of physical science and chemistry through the integrated Next Generation Science Standards (NGSS) model. They will be introduced to Matter and Its Interactions, which includes the utilization of the periodic table. This will allow them to progress towards a more comprehensive understanding of atoms, ions, molecules, and chemical reactions. Furthermore, the integrated model will take students through the life sciences, studying topics such as ecology, energy and matter flow, ecosystems, and their interrelationships. The curriculum will also cover earth science and engineering practices. Plate tectonics and the geology of our planet will be explored in depth, building upon the foundation laid in sixth grade.

Science 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: Science 7

Further enhancing their learning and building on their understanding from grade 7 of physical science and chemistry through the integrated Next Generation Science

Standards (NGSS) model, this course integrates basic concepts in physics, earth/space science, and life science. Students will begin to explore the natural laws that govern forces and motion, including non-contact forces, such as electricity, magnetism, and gravity. Energy transformations and wave properties are studied, as well as their applications in information transfer. Students develop an understanding of Earth's place in the universe and how its relationship with the Sun and the Moon cause us to experience seasons, tides, and eclipses. The concept of genetic variation is introduced, with a focus on its role in natural selection and biological evolution. Hands-on inquiry and experimentation is emphasized. The engineering design cycle and the practice of supporting claims with evidence are implemented throughout the year.

Integrated Science 9

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: Science 8

Science 9 is an integrated course that aligns with the Next Generation Science Standards (NGSS), which are organized around three key aspects of science: Disciplinary core ideas, cross cutting concepts, and scientific and engineering Practices. Students will develop their critical thinking skills as they engage with these three dimensions. This course encompasses a range of scientific disciplines, including physics, biology, chemistry, and earth and space science. The course will cover a variety of topics, such as environmental Systems, which will explore population dynamics, interactions and the impact of human activity on the environment, including climate change. The course will also delve into Evolution, covering biodiversity, natural selection, and adaptation. In the area of physical sciences, students will learn about Newton's laws, including forces, motion and collisions as well as the origin of matter.

Integrated Science 10

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: Integrated Science 9

Grade 10 Integrated Science seamlessly builds upon the foundations set in our previous integrated science course, aligning rigorously with Next Generation Science Standards (NGSS). This course places a strong emphasis on disciplinary core ideas, cross-cutting concepts, and scientific and engineering practices. Exploring key aspects of science, students delve into an in-depth examination of the periodic table, incorporating computational thinking into the study of chemical reactions. The curriculum covers diverse topics such as DNA and replication, heredity, macromolecules, energy transfers in biological and chemical systems, and physics concepts like momentum. Addressing vital themes including natural selection, adaptation, and climate change, this course not only expands scientific knowledge but also cultivates essential skills in computational thinking and analytical reasoning. Through interactive learning experiences and hands-on activities, students gain a robust understanding of integrated science, fostering curiosity and readiness for future academic pursuits.

Chemistry

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: Integrated Science 10; Integrated Math II

Grade 11 chemistry is an extension on the conceptual foundations of Chemistry. Aligned with the NGSS standards this course is designed to introduce students to ideas and concepts in entry level 100 chemistry courses in college. Developing analytical, experimental and mathematical skills in chemistry to prepare them for courses in university. Topics to be covered include, analytical techniques, review of the properties of matter, Stoichiometry, aqueous solutions, acid base chemistry, gas laws, and thermochemistry. The course uses project based approaches in combination with hands-on experiences applying mathematical and analytical skills in problem solving, as well as design, data collection and analysis during experimentation.

Physics

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Integrated science 10; Integrated Math III math

Grade 12 Physics extends the conceptual foundations established in Physical Science Year 10, employing an inquiry-based approach aligned with NGSS Standards. The course immerses students in hands-on, experimental design experiences, covering key topics like kinematics, electricity, magnetism, light, and sound. Notably, the curriculum emphasizes a strong mathematical approach to problem-solving in physics, ensuring students grasp the quantitative dimensions of the subject. Additionally, students apply engineering design principles to find innovative solutions, fostering a practical understanding of physics in real-world contexts. This holistic approach not only deepens students' mastery of fundamental physics principles but also cultivates essential skills for future academic and professional success.

AP Physics 1

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Integrated science 10 (A or B+); Integrated Math III (A or B+)

AP Physics 1 offers an introductory college-level physics experience, grounded in algebraic principles. This course engages students in a comprehensive exploration of physics through classroom study, hands-on activities, and inquiry-based laboratory work. The curriculum delves into fundamental concepts including systems, fields, force interactions, change, conservation, and waves. Through a dynamic blend of theoretical exploration and practical experimentation, students not only deepen their understanding of physics but also hone critical inquiry and analytical skills. The course's emphasis on algebra-based approaches fosters a solid foundation for future studies in physics. With a focus on interactive learning experiences, students are encouraged to actively participate in classroom discussions, collaborative activities, and laboratory investigations, ensuring a well-rounded and enriching educational journey in AP Physics 1.

Environmental Science

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Chemistry Grade 11; Integrated Math III

Environmental Science empowers students to engage in a scientific investigation of environmental systems, investigating their structure and function. The focus of this subject is on attaining an understanding of Earth's systems, which in turn allows for insights into the past, present, and future. It encompasses the study of physical, chemical, and biological processes that support and interact with life, including the impact of human activities on nature. By exploring diverse case studies, engaging in laboratory experiments, and participating in projects, students will gain the ability to identify and assess the influence of our intricate societal systems on the natural world.

IB Biology SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Integrated Science 10

As a cornerstone of the IB Diploma Programme's natural sciences, IB Biology delves into the study of life and living systems, utilizing diverse approaches and controlled experimentation. In a world marked by introspection into human activities and their global impact, fostering a clear understanding of the living world is of utmost importance. The DP Biology course empowers students to make sense of living systems through unifying themes, exploring conceptual frameworks to enhance understanding and awareness. This journey extends to studying interactions across various biological levels, from molecules and cells to ecosystems and the biosphere. Central to the DP Biology experience is scientific inquiry, emphasizing experimental work that encourages students to ask questions, design experiments, collaborate, and critically reflect on their findings. The course equips students to engage constructively with contemporary scientific issues, fostering curiosity and interest while developing skills applicable across studies and beyond.

IB Chemistry SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Integrated Science 10

As one of the three natural sciences in the IB Diploma Programme, chemistry is primarily concerned with identifying patterns that help to explain matter at the microscopic level. This then allows matter's behavior to be predicted and controlled at a macroscopic level. The subject therefore emphasizes the development of representative models and explanatory theories, both of which rely heavily on creative but rational thinking. DP chemistry enables students to constructively engage with topical scientific issues. Students examine scientific knowledge claims in a real-world context, fostering interest and curiosity. By exploring the subject, they develop understandings, skills and techniques which can be applied across their studies and beyond. Integral to the student experience of the DP chemistry course is the learning that takes place through scientific inquiry both in the classroom and the laboratory.

IB Physics SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Integrated Science 10

IB Physics explores the profound essence of the universe, ranging from the intricacies of subatomic particles to the vast expanses between galaxies. Rooted in experimentation, physics endeavors to explain the world, relying on observations as the bedrock of its investigations. The course delves into historical developments, highlighting how models evolve into theories that aim to elucidate observed phenomena.

Beyond unraveling the mysteries of the natural world, physics grants us the power to shape our surroundings, prompting contemplation of its societal, ethical, and environmental impacts. Students engage with the moral dilemmas and implications inherent in the work of physicists, fostering a holistic understanding of the discipline's broader implications. The syllabus covers key topics including mechanics, thermal physics, waves, electromagnetism, and quantum physics. Students immerse themselves in the scientific method, emphasizing a hands-on, experimental approach. Teachers facilitate the development of manipulative skills, experimental design, data collection, result analysis, and effective communication of findings. Through this immersive experience, students not only grasp the intricacies of physics but also cultivate a profound awareness of the scientific process and its implications in the world around us.

IB Environmental Systems & Societies SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Integrated Science 10

Environmental systems and societies (ESS) is an interdisciplinary course, encompassing both the sciences and individuals and societies and is offered at both standard level (SL) and higher level (HL). As such, ESS combines a mixture of methodologies, techniques and knowledge associated with both the sciences and individuals and societies. ESS is both a complex and contemporary course that engages students in the challenges of 21st century environmental issues. Consequently, it requires its students to develop a diverse set of skills, knowledge and understanding from different disciplines. Students develop a scientific approach through explorations of environmental systems. They also acquire understandings and methods from individuals and societies subjects whilst studying sustainability issues within social, cultural, economic, political, and ethical contexts. The interdisciplinary nature of the course means students produce a synthesis of understanding from the various topics studied. It also emphasizes the ability to perform research and investigations and to participate in philosophical, ethical, and pragmatic discussions of the issues involved from the local through to the global level.

ESS aims to empower and equip students to:

1. develop understanding of their own environmental impact, in the broader context of the impact of humanity on the Earth and its biosphere
2. develop knowledge of diverse perspectives to address issues of sustainability
3. engage and evaluate the tensions around environmental issues using critical thinking
4. develop a systems approach that provides a holistic lens for the exploration of environmental issues
5. be inspired to engage in environmental issues across local and global contexts.

Computer Science 6

Length: Quarterly

Grade Level(s): 6

Prerequisite: None

**This course is offered as an exploratory option*

Computer Science is a course designed to introduce students to the fundamental concepts of computer science. Students will learn about algorithms, programming languages, and problem-solving techniques. They will also explore topics such as data structures, computer hardware, and the impact of technology on society.

Computer Science 7 & 8

Length: Semester

Grade Level(s): 7-8

Prerequisite: None

**This course is offered as an elective choice*

Computer Science aims to engage students in the creative use of computing technology. You will investigate how digital technologies have allowed artists to easily integrate interactivity, non-linear narrative structures, repetition, automation, and randomness into their creative output.

Computer Science 9 & 10

Credit: 1.0

Length: 1 Year

Grade Level(s): 9-10

Prerequisite: None

**This course is offered as an elective choice*

Computer Science courses aim to engage students in the creative use of computing technology. Technology has given artists of all disciplines new tools for creative expression. Digital Storytelling will introduce you to a collection of tools used by photographers, interactive designers, writers, and videographers. You will investigate how digital technologies have allowed artists to easily integrate interactivity, non-linear narrative structures, repetition, automation, and randomness into their creative output. This project-based course will guide you to create a collection of digital art projects and teach you how to create an online portfolio to showcase the artwork you've created. At the same time, you'll develop a strong foundation in key Computer Science concepts. Students also learn how to translate their ideas into a

language that a machine can understand. Designed as an accessible and engaging introduction to coding, this course uses the graphics-oriented Processing programming language to teach students how to think programmatically.

Computer Science 11 & 12

Credit: 1.0

Length: 1 Year

Grade Level(s): 11-12

Prerequisite: None

**This course is offered as an elective choice*

The course presents understudies to the foundational concepts of computer science and challenges them to investigate how computing and innovation can affect the globe. The American Diploma Program is planned with the objective of making pioneers in computer science areas; drawing and locking in those who are customarily underrepresented with basic computing instruments and multidisciplinary openings. Students learn how to translate their ideas into a language that a machine can understand. Designed as an accessible and engaging introduction to coding, this course uses the graphics-oriented Processing programming language to teach students how to think programmatically.

IB Computer Science SL/HL

Credit: 2.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite: Computer Science 10

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The DP computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics.

The course:

- draws on a wide spectrum of knowledge
- enables and empowers innovation, exploration and the acquisition of further knowledge
- raises ethical issues
- and is underpinned by computational thinking.
- Computational thinking involves the ability to:
- think procedurally, logically, concurrently, abstractly and recursively
- utilize an experimental and inquiry-based approach to problem solving
- develop algorithms and express them clearly
- appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally.
- During the course students will develop a computational solution. This will involve the ability to:
- identify a problem or unanswered question
- design, prototype, program and test a proposed solution
- liaise with clients and end users to evaluate the success of the proposed solution and make recommendations for future developments.

SOCIAL STUDIES

GRADUATION REQUIREMENTS: 4 YEARS/CREDITS

The secondary Social Studies Department offers an exploration of Integrated Humanities. We emphasize approaching topics through inquiry, history, real-world challenges, Sustainable Development Goals (SDGs), geography, business, and cultural diversity. Students gain an appreciation for international mindedness, examining historical and modern influences on societies. Our curriculum fosters critical thinking, enabling students to address global issues and apply their knowledge to real-world challenges. Our transdisciplinary approach toward content and skill building ensures a well-rounded understanding of social studies, allowing students to authentically apply skills across the curriculum at Dunecrest.

Course Descriptions

Social Studies 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: None

The grade 6 Social Studies course will explore the geography and rich history of Europe through a themed-based approach. Some of the main topics include ancient civilizations, civics, Middle-Ages, Renaissance, and Age of Exploration. Throughout the course, students will analyze primary and secondary sources, engage in class discussions and debates, and develop research, presentation, critical thinking, and writing skills. By the end of the course, students will have gained a deeper understanding of the major events, ideas, and figures that have shaped European history and the world we live in today.

Social Studies 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: Social Studies 6

The grade 7 Social Studies course will explore the geography and history of Africa, the Americas, and Asia through a theme-based approach. Some of the main topics include industrialization, civil war, inequality, human rights, and political change. Throughout the course, students will analyze primary and secondary sources, engage in class discussions and debates, and continue to develop research, presentation, critical thinking, and writing skills. By the end of the course, students will have gained a deeper understanding of the major events, ideas, and figures that have shaped the world we live in today.

Social Studies 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: Social Studies 7

The grade 8 Social Studies course is designed to look at some of the big concepts and historical turning points of the 20th century through a themed-based approach. Some topics include the two world wars, rise of totalitarian regimes, and the Cold War. We will look at the seismic shifts that reshaped global borders and economies whilst also giving rise to new political and social movements. Throughout the course, students will analyze primary and secondary sources, develop critical thinking skills, and practice effective communication and writing. Students will also complete research projects, create multimedia presentations, and engage in debates and discussions about historical topics and issues to gain a deeper understanding of the major events, ideas, and figures that have shaped the world we live in today.

Integrated Humanities I

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: Social Studies 8

The grade 9 syllabus is developed around the Sustainable Development Goals which are intended to address the global challenges facing the world. Students will be exposed to the pressing concerns of our global citizens and the issues that will shape their lives. In Semester 1 students will examine the issue of poverty and consider the role of development and the different pathways to success. In semester 2 students will look at the issue of Disease and Health as a transdisciplinary unit culminating in a Health Campaign using the skills learnt in the Social Sciences and Sciences. The final unit focuses on the broader meaning of conflict from war at the most extreme to challenges of structural, cultural, and direct violence as articulated by the sociologist Galtung.

Integrated Humanities II

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: Integrated Humanities I

The grade 10 syllabus is developed around the Sustainable Development Goals which are intended to address the global challenges facing the world. Students will be exposed to the pressing concerns of our global citizens and the issues that will shape their lives. In Semester 1 students will examine the human impact on our living planet and the challenge of climate change. The second unit will look at the corrective to this and how we can live a more sustainable life through our consumptions and lifestyle choices. In semester 2 students will look at the issue of technology and how it shapes our lives from the first impact of the industrial revolution to the automation technologies of AI. The final unit will be a research unit in which students will develop quantitative and qualitative data collection and will complete the unit with a mini extended essay preparing students for the IB and college education.

Integrated Humanities III

Credit: 1.0

Length: 2 Year

Grade Level(s): 11

Prerequisite: Integrated Humanities II

Integrated Humanities 3 is centered around the global events of the last hundred years that have shaped the world we live in. The course follows a chronological path starting with the causes of the First World War through to the impact of 9/11 and the changes that happened. Though the content of the course is important, students will also draw upon key skills that allow them to compare and contrast the lessons learnt against other events. For example, students can compare the Russian Revolution to the Arab Spring. Through the content and the skills students will be prepared for a cross curricular world in which skills of reading, analysis and developing arguments are vital.

Business

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: None

Grade 12 Business will help you develop a foundation of business in order to manage your future and career within the business world. Areas to be covered are business communication, ethics, international business, human resources, management and leadership, and professional development. Students who choose Business as a subject improve their critical thinking, technical, analytical, and decision-making skills. They have a better understanding of the world around them, both locally and globally, with a new international perspective on businesses and their diversity. Core principles and practices of business will be studied as students learn the principles of ethics and social responsibility.

IBDP Global Politics SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite: None

The IBDP Global Politics course offers a compelling exploration of fundamental political concepts—power, human rights, development, and peace—across diverse contexts. In an era defined by rapid change and interconnectedness, impacting individuals and societies in transformative ways, this course provides students with the tools to critically engage with varied perspectives and approaches to international relations.

Navigating through local, national, international, and global dimensions of political activity, students gain an understanding of the dynamic processes shaping our world. The course bridges the gap between political concepts and tangible realities by grounding theories in real-world examples and case studies. Encouraging a comparative analysis of these instances, students emerge with a broader perspective, comprehending the challenges of our evolving global landscape and recognizing their pivotal role as active and informed global citizens.

IBDP Business Management SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite: None

The IBDP Business Management course provides a comprehensive exploration of key business concepts, including organization, human resources, marketing, operations, and finance. Through immersive case studies, collaborative group projects, and interactive discussions, students not only grasp theoretical foundations but also gain practical insights into decision-making processes. The curriculum places a strong emphasis on fostering ethical considerations, promoting sustainable business practices, and cultivating an understanding of the global impact of business operations.

Aspiring entrepreneurs and future corporate leaders will find value in this comprehensive course, emerging with a well-rounded perspective on business dynamics. Armed with critical thinking skills and a global mindset, students are not only prepared to navigate the complexities of the contemporary business landscape but also empowered to contribute meaningfully to the evolving global business community.

IBDP Psychology SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite: None

At the core of the DP psychology course is an introduction to three different approaches to understanding behaviour: the biological, cognitive and sociocultural approaches. Students study and critically evaluate the knowledge, concepts, theories and research that have developed the understanding in these fields.

The interaction of these approaches to studying psychology forms the basis of a holistic and integrated approach to understanding mental processes and behaviour as a complex, dynamic phenomenon, allowing students to appreciate the diversity as well as the commonality between their own behaviour and that of others.

IBDP Economics SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11-12

Prerequisite: None

Economics is an exciting, dynamic subject that allows students to develop an understanding of the complexities and interdependence of economic activities in a rapidly changing world. At the heart of economic theory is the problem of scarcity. Owing to scarcity, choices have to be made. The economics course, at both SL and HL, uses economic theories, models and key concepts to examine the ways in which these choices are made: at the level of producers and consumers in individual

markets (microeconomics); at the level of the government and the national economy (macroeconomics); and at an international level, where countries are becoming increasingly interdependent (the global economy).

The DP economics course allows students to explore these models, theories and key concepts, and apply them, using empirical data, through the examination of six real-world issues. Through their own inquiry, students will be able to appreciate both the values and limitations of economic models in explaining real-world economic behaviour and outcomes. By focusing on the six real-world issues through the nine key concepts (scarcity, choice, efficiency, equity, economic well-being, sustainability, change, interdependence and intervention), students of the economics course will develop the knowledge, skills, values and attitudes that will encourage them to act responsibly as global citizens.

ARABIC

GRADUATION REQUIREMENTS: 4 YEARS / 4 CREDITS

The Arabic Department offers students a comprehensive immersion in Arabic language, literature, and culture, nurturing a deep appreciation and proficiency in the Arabic language. Our curriculum is designed to cultivate fluency in reading, writing, speaking, and listening, empowering students to engage confidently in Arabic-speaking communities. Through dynamic coursework and interactive experiences, students explore the rich literary traditions, cultural heritage, and linguistic nuances of the Arabic language. We foster a spirit of inquiry and exploration, encouraging students to delve into diverse Arabic texts and contexts. This approach not only prepares students for future academic endeavors but also enhances their critical thinking and communication skills.

Course Descriptions

Arabic 6 - A

Length: 1 Year

Grade Level(s): 6

Prerequisite:

في مادة اللغة العربية للصف السادس، سيقوم الطلاب بدراسة النمط السردّي والنمط التفسيري والنمط الوصفي، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسي أو من خلال مصادر خارجية، وذلك عبر التطرق إلى محاور "كُن عالمًا أو متعلمًا" و"أخلاق حميدة" و"تراث وترفيه"، بهدف توثيق الروابط مع العالم والحياة اليومية، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 6 - B

Length: 1 Year

Grade Level(s): 6

Prerequisite:

In the Arabic B course for Grade 6, students will study the descriptive, the informative and the conversational types of texts, by covering various topics from different resources, and by touching on the "Jobs", "Hobbies" and "A Tour Around the UAE" themes. The aim is to establish connections with the world and everyday life, with a

focus on the four skills, along with grammar, in addition to fostering critical thinking and innovation skills among students

Arabic 7 - A

Length: 1 Year

Grade Level(s): 7

Prerequisite: Arabic 6

في مادة اللغة العربية للصف السابع، سيقوم الطلاب بدراسة النمط السردِيّ والنمط التفسيرِيّ والنمط الوصفيّ، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسيّ أو من خلال مصادر خارجية، وذلك عبر التّطرق إلى محاور "هم عالية" و "التّرابط الأسريّ" و "الإنسان"، بهدف توثيق الرّوابط مع العالم والحياة اليوميّة، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النّحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 7 - B

Length: 1 Year

Grade Level(s): 7

Prerequisite: Arabic 6

In the Arabic B course for Grade7, students will study the narrative, the informative and the conversational types of texts, by covering various topics from different resources, and by touching on the "Vacations and Travels", "Arts" and "Cities and Capitals" themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

Arabic 8 - A

Length: 1 Year

Grade Level(s): 8

Prerequisite: Arabic 7

في مادة اللغة العربية للصف الثامن، سيقوم الطلاب بدراسة النمط السردِيّ والنمط التفسيرِيّ والنمط الوصفيّ، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسيّ أو من خلال مصادر خارجية، وذلك عبر التّطرق إلى محاور "بين الحقيقة والخيال" و "بأخلاقنا نسمو" و "حكايّا وأسرار"، بهدف توثيق الرّوابط مع العالم والحياة اليوميّة، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النّحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 8 - B

Length: 1 Year

Grade Level(s): 8

Prerequisite: Arabic 7

In the Arabic B course for Grade 8, students will study the informative, the conversational and the prescriptive types of texts, by covering various topics from different resources, and by touching on the "Sustainability", "The Occasions" and the "Sports" themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

Arabic 9 - A

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: Arabic 8

في مادة اللغة العربية للصف التاسع، سيقوم الطلاب بدراسة النمط السردّي والنمط المعلوماتي والنمط الوصفي، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسي أو من خلال مصادر خارجية، وذلك عبر التطرق إلى محاور "التكنولوجيا والعلوم" و"الهوية والانتماء" و "السلامة الجسدية والنفسية"، بهدف توثيق الروابط مع العالم والحياة اليومية، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 9 - B

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: Arabic 8

In the Arabic B course for Grade 9, students will study the conversational, the informative and the narrative types of texts, by covering various topics from different resources, and by touching on “The World of Work”, “Social Media” and “People and Characters” themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

Arabic 10 - A

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: Arabic 9

في مادة اللغة العربية للصف العاشر، سيقوم الطلاب بدراسة النمط المعلوماتي والنمط السردّي والنمط البرهاني، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسي أو من خلال مصادر خارجية، وذلك عبر التطرق إلى محاور "الفن والثقافة" و "أساطير وأبطال" و "تكنولوجيا وعلوم"، بهدف توثيق الروابط مع العالم والحياة اليومية، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 10 - B

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: Arabic 9

In the Arabic B course for Grade 10, students will study the conversational, the informative and the narrative types of texts by covering various topics from different resources, and by touching on the “Famous Places”, “The UAE Rulers” and “The Technology” themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

Arabic 11 - A

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: Arabic 10

في مادة اللغة العربية للصفّ الحادي عشر، سيقوم الطلاب بدراسة النمط المعلوماتي والنمط السردّي والنمط الحجاجي، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسي أو من خلال مصادر خارجية، وذلك عبر التطرّق إلى محاور "البيئة" و"القضايا الاجتماعية" و "التنمية المهنية"، بهدف توثيق الرّوابط مع العالم والحياة اليوميّة، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 11 - B

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: Arabic 10

In the Arabic course for Grade 11, students will study the narrative, the informative and the conversational types of texts by covering various topics from different resources, and by touching on the “My Role”, “Health” and “My Dream Job” themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

Arabic 12 - A

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Arabic 11

في مادة اللغة العربية للصفّ الثاني عشر، سيقوم الطلاب بدراسة النمط السردّي والنمط التفسيرّي والنمط الإيعازي، من خلال دراسة موضوعات مختلفة سواء من خلال الكتاب المدرسي أو من خلال مصادر خارجية، وذلك عبر التطرّق إلى محاور "القيم الإنسانية" و "التنمية المستدامة" و "الأمن والسلامة"، بهدف توثيق الرّوابط مع العالم والحياة اليوميّة، مع استهداف المهارات الأربع (الاستماع، والمحادثة، والقراءة، والكتابة)، وقواعد النحو والبلاغة، وتوجيه التركيز إلى مهارات التفكير الناقد والابتكار.

Arabic 12 - B

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Arabic 11

In the Arabic B course for Grade 12, students will study the informative, the descriptive and the narrative types of texts, by covering various topics from different resources, and by touching on the “Safety”, “Society” and “Global” Problems” themes. The aim is to establish connections with the world and everyday life, with a focus on the four skills, along with grammar rules, in addition to fostering critical thinking and innovation skills among students.

IB Arabic B SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Arabic 10

The Arabic IB Program offers a comprehensive study of the Arabic language and its associated literature, culture, and heritage. Students engage in a rigorous curriculum

designed to develop their language proficiency, critical thinking skills, and cultural awareness.

Key components of the course include:

Language Proficiency: Students focus on enhancing their proficiency in reading, writing, speaking, and listening in Arabic. They explore various literary genres, styles, and forms of expression, enabling them to communicate effectively in diverse contexts.

Literary Analysis: Through the study of Arabic literature, students analyze and interpret a range of texts, including classical and contemporary works. They examine themes, motifs, and stylistic devices, fostering a deeper understanding of Arabic literary traditions.

Cultural Exploration: The course explores the rich cultural heritage of Arabic-speaking societies, covering topics such as history, religion, art, and folklore. Students develop an appreciation for cultural diversity and gain insights into the values, beliefs, and practices of Arab communities.

Global Perspective: Students examine the global significance of the Arabic language and its role in shaping cultural identities and fostering intercultural communication. They explore contemporary issues and debates relevant to the Arab world, promoting cross-cultural understanding and empathy.

Research and Inquiry: The course emphasizes research skills and independent inquiry, empowering students to investigate topics of interest related to Arabic language, literature, and culture. They learn to formulate research questions, gather evidence, and present their findings effectively.

MODERN LANGUAGES

GRADUATION REQUIREMENTS: 4 YEARS / 2 CREDITS

The Modern Language Department provides students with the opportunity to develop French & Spanish as a second language. These courses are designed for students without previous experience in the language and also to students that have previous knowledge. We focus on the four skills which are oral communication, writing, listening and reading. Through the use of a variety of texts, Web pages, real audio material, games and student interaction, students explore cultural topics while addressing the structural and lexical differences of the language.

Course Descriptions

SPANISH/FRENCH- Level 1

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: None

Emergent communicators in Level 1 understand and respond to simple phrases, statements and questions. They identify basic messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and demonstrate their comprehension in simple oral and written phrases. They convey basic information in a limited range of everyday situations, using oral and written language appropriate to a very limited range of interpersonal and cultural contexts. They begin to be aware that language use is connected to a purpose and an audience.

SPANISH/FRENCH - Level 2

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: Level 1

Capable communicators in Level 2 understand and respond to a limited variety of spoken and written texts. They understand specific information, main ideas and some detail presented in oral, visual and written language, and demonstrate their comprehension in a limited range of oral and written forms. They engage in conversation and write structured text to express their ideas, opinions and experiences in a range of familiar and some unfamiliar situations, in a limited range of interpersonal and cultural contexts. They understand that they can speak and write in different ways for different purposes and audiences.

SPANISH/FRENCH - Level 3

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: Level 2

Emergent communicators in Level 1 understand and respond to simple phrases, statements and questions. They identify basic messages, facts, opinions, feelings and ideas presented in oral, visual and written language, and demonstrate their comprehension in simple oral and written phrases. They convey basic information in a limited range of everyday situations, using oral and written language appropriate to a very limited range of interpersonal and cultural contexts. They begin to be aware that language use is connected to a purpose and an audience.

SPANISH/FRENCH - Level 4

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: Level 3

Proficient communicators in Level 4 analyze specific information, ideas, opinions and attitudes presented in oral, visual and written language. They draw conclusions, infer information and recognize implied opinions and attitudes. They respond and react to questions and ideas in a range of spoken, visual and written texts. They engage actively in conversations in social and some academic situations to contribute substantial information containing relevant and focused ideas supported by examples and illustrations. They organize information and ideas into a clear and effective structure to express their understanding and opinions on topics of personal interest and global significance. They interpret and are able to adapt aspects of format, register and style of language.

SPANISH/FRENCH - Level 5

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: Level 4

Proficient communicators in Level 5 understand and respond to a wide variety of spoken and written texts. They develop the ability to communicate in the target language through the study of language, themes and texts. They develop understanding of how language works. They are able to comprehend and interact in conversation and written structured text to express their ideas, in the target language.

SPANISH/FRENCH - Level 6

Credit: 1.0

Length: 1 Year

Grade Level(s): 6 to 12

Prerequisite: Level 5

Advanced communicators in Level 6 understand and respond to a wide variety of spoken and written texts. They develop the ability to communicate in the target language through the study of language, themes and texts. They develop understanding of how language works. They are able to comprehend and interact in conversation and written structured text to express their ideas, in the target language.

IB SPANISH/FRENCH AB INITIO

Credit: 2.0

Length: 2 Years

Grade Level(s): 11-2

Prerequisite: None

Language ab initio is a language acquisition course designed for students with no previous experience in—or very little exposure to—the target language. Language ab initio students develop their receptive, productive and interactive skills while learning to communicate in the target language in familiar and unfamiliar contexts. Students develop the ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. While the themes are common to both language ab initio and language B, the language ab initio syllabus additionally prescribes four topics for each of the five themes, for a total of 20 topics that must be addressed over the two years of the course.

IB SPANISH/FRENCH B SL/HL

Credit: 2.0

Length: 2 Years

Grade Level(s): 11-2

Prerequisite: None

Language B is a language acquisition course designed for students with some previous experience of the target language.

Students further develop their ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Both language B SL and HL students learn to communicate in the target language in familiar and unfamiliar contexts. The distinction between language B SL and HL can be seen in the level of competency the student is expected to develop in receptive, productive and interactive skills. At HL the study of two literary works originally written in the target language is required and students are expected to extend the range and complexity of the language they use and understand in order to communicate. Students continue to develop their knowledge of vocabulary and grammar, as well as their conceptual understanding of how language works, in order to construct, analyse and evaluate arguments on a variety of topics relating to course content and the target language culture(s).

German Language Arts

GRADUATION REQUIREMENTS: 4 YEARS / 2 CREDITS

The German Language Arts course for mother tongue German speakers is designed to help students further develop their language skills in reading, writing, speaking, and listening. This course is tailored specifically for students who already have a strong foundation in the German language and aims to deepen their understanding of literature, grammar, and language conventions. Through a variety of engaging and challenging activities, students will explore and analyze German texts, write creatively and analytically, and engage in discussions to enhance their communication skills. The course also focuses on building critical thinking skills and fostering a deeper appreciation for the German language and culture. By the end of the course, students will have honed their language abilities and gained a deeper understanding of the nuances of the German language.

Course Descriptions

German Language Arts 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: German 5

In Grade 6 German Language Arts, students will explore the theme “Change” by reading a variety of fiction and non-fiction. They make connections between the plot and everyday life. With thorough analysis of the fiction texts students reflect on the actions of the characters and the choices they make. Students engage in different tasks to demonstrate their learning through writing tasks, literary analysis, and collaborative discussions.

German Language Arts 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: German 6

In Grade 7 German Language Arts, students will read a variety of fiction and nonfiction texts to reflect on the theme “Choice”. The aim is to create connections between the world and everyday life. During these units, students prepare for collaborative discussions, critical thinking, creative writing tasks, which demonstrates their learning about narratives, expository and persuasive tasks.

German Language Arts 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: German 7

In Grade 8 German Language Arts, students will examine the theme “Challenge” by reading a variety of fiction and nonfiction texts that aim to create connections to the world and everyday life. Through explicit instruction in close reading, students will develop critical analysis skills. These skills will prepare students to participate in collaborative discussions and engage in unique writing tasks, including narrative, literary analysis, and argumentative writing.

German Language Arts 9

Credit: 1.0

Length: 1 Year

Grade Level(s): 9

Prerequisite: German 8

Thematic concepts are investigated through reading a variety of texts including informational articles, short stories, historical articles, poetry. Evidence is gathered from the texts and incorporated in written and oral responses, including a presentation using multiple forms of media. More varied and complex writing is explored in this grade including a variety of modes: argumentative, explanatory, and narrative writing.

German Language Arts 10

Credit: 1.0

Length: 1 Year

Grade Level(s): 10

Prerequisite: German 9

Students learn to identify claims and counterclaims in arguments. They synthesize evidence from texts into their own presentations and writing and develop their own persuasive arguments. Students undertake a literary analysis of a text they choose, examining the impact of time and place on the writer’s choices, they write fully developed analyses and give thorough oral presentations and performances.

IB German A: Language & Literature SL/HL

Credit: 2.0

Length: 2 Years

Grade Level(s): 11-12

Prerequisite: German 10

The language A: language and literature course aims at studying the complex and dynamic nature of language and exploring both its practical and aesthetic dimensions. The course will explore the crucial role language plays in communication, reflecting experience and shaping the world, and the roles of individuals themselves as producers of language. Throughout the course, students will explore the various ways in which language choices, text types, literary forms and contextual elements all effect meaning. Through close analysis of various text types and literary forms, students will consider their own interpretations, as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts.

CREATIVE ARTS

GRADUATION REQUIREMENTS: 4 YEARS/ 2 CREDITS

The Creative Arts Department believes that the involvement in the arts is training in awareness, observation, and technique that help to build confidence, success, and pride in students. Training in the arts not only leads to many different careers within the arts field, but is also an essential factor, through the development of creative abilities, to experiencing success in other fields.

The Creative Arts Department believes in stressing the importance of developing critical and analytical skills, artistic discrimination, cultural and historical appreciation, imagination, creativity and discipline in the arts. Students are encouraged to utilize and develop creative abilities. Training in the arts encourages students to discover new forms of creative expression, individually and collectively, and enhances their ability to communicate their visions and ideas to others through performance and/or visual presentation. On offer are introductory level courses for all interested students as well as advanced courses for more experienced students.

Course Descriptions

Theatre 6

Length: Quarterly

Grade Level(s): 6

Prerequisite: N/A

The Grade 6 Theatre course encourages universal human expression through the development of theatrical techniques. Students will begin developing knowledge of the theatre and its conventions while developing important elements of visual communication, including spatial awareness, facial expressions, and body language. This introductory course encourages curiosity, creativity, and imagination through collaborative exercises and performances rooted in culture. During this process, students experience what it means to respond appropriately to others both on the stage and in the audience, which promotes both verbal and non-verbal forms of communication and expression.

Theatre 7

Length: Semester

Grade Level(s): 7

Prerequisite: N/A

The Grade 7 Theatre course addresses the need for student-centered learning in a theatrical environment. Students develop and strengthen metacognitive and analytical skills as they craft, practice, and perform in ways that engage and convey emotions, experiences, and ideas. This creative process encourages a deeper understanding of the arts through collaboration and creative thinking as students challenge each other's perceptions and imaginations, which supports empathy and identity in real-world contexts as original scripts are refined and developed for the stage. As a post-introductory course, students continue to develop and strengthen vocals, facial expressions, and body language, as well as other forms of communication through a variety of collaborative exercises and improvisational activities.

Theatre 8

Length: Semester

Grade Level(s): 8

Prerequisite: N/A

Grade 8 Theatre is a semester-long course designated as the reinforcement year. It continues to encourage students to enjoy and appreciate the dramatic arts. Through the "Ensemble Technique", students continue to develop creating, performing, and presenting arts in ways that engage and convey feelings, experiences, and ideas. The course stimulates young imaginations, challenges perceptions and develops creative and analytical skills. Personal identity and building awareness of the subject in a real-world context will also be explored.

Theatre 9

Credit: 0.5

Length: 1 Year

Grade Level(s): 9

Prerequisite: N/A

Grade 9 Theatre is a year-long course designed as an introduction to the more advanced techniques and concepts which comprise secondary school theater, such as consideration of lighting, costuming, sound, scenery, character motivation, acting technique and author's intent. It continues to encourage students to enjoy and appreciate the dramatic arts. Through the "Ensemble Technique", a collaborative-oriented approach to learning drama skills which seeks to bond the students as a group, the students will learn about the many aspects of drama, especially acting, and the stage through theatre games, improvisation, scene work and full-length play production. There will be considerable time spent on small projects, dialogue writing and dramatic themes. Theatre history will also be taught through scene work.

Theatre 10

Credit: 0.5

Length: 1 Year

Grade Level(s): 10

Prerequisite: Theatre 9

The Grade 10 Theater course is designed as a follow-up to the Grade 9 Theatre class, but with an emphasis on hands-on scene work in which the students must demonstrate their previous knowledge of characterization and author's intent, as well as text analysis skills. The texts examined will range from those chosen by students to scenes from renowned plays and/or authors. The use of lights, costuming, sound and scenery will be explored and employed, and the use of these tools in the hands of a director is a concept the class will thoroughly investigate. The students' enjoyment and appreciation of the dramatic arts will be further developed on a deeper level.

Theatre 11

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: Theatre 10

The Theatre 11 course is a multifaceted theater-making course of study. It gives students the opportunity to make theater as creators, designers, directors, and performers. It emphasizes the importance of working both individually and collaboratively as part of an ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists. The theater course encourages students to appreciate that through the processes of researching, creating, preparing, presenting, and critically reflecting on theater—as participants and audience members—they gain a richer understanding of themselves, their community and the world. Students work from published play texts, plan and deliver individual presentations, and work collaboratively to create and present original pieces of theater for and to a specified target audience, created from a starting point of their choice. Students are offered the opportunity to work with IB Theatre SH/HL students within the course.

Theatre 12

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Theatre 11

Theater 12 can be offered as a continuation of the Grade 11 course of study or a stand alone course. It gives students the opportunity to continue to make theater as creators, designers, directors, and performers. It focuses more deeply on the work as both individual and collaborative artists. It continues to offer the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists. As in Grade 11, the theater course encourages students to appreciate that through the processes of researching, creating, preparing, presenting, and critically reflecting on theater—as participants and audience members - they

gain a richer understanding of themselves, their community and the world. Students are offered the opportunity to work with IB Theatre SH/HL students within the course.

IBDP Theatre SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Theatre 10

The IB Diploma Programme theater course is a multifaceted theater-making course. It gives students the opportunity to make theater as creators, designers, directors and performers. It emphasizes the importance of working both individually and as part of an ensemble. It offers the opportunity to engage actively in the creative process of inquiring, developing, presenting and evaluating. Students are encouraged to work as inquisitive and imaginative artists, transforming ideas into action and communicating these to an audience. Theater students learn to apply research and theory to inform and contextualize their work as they experience the course through practical and physical engagement. They understand that knowledge resides in the body and that research can be conducted physically through both action and practice. In this respect, the theater course encourages students to appreciate that through the processes of researching, creating, preparing, presenting and critically reflecting on theater—as participants and spectators—they gain a richer understanding of themselves, their community and the world. Through the study of theater, students strengthen their awareness of their own personal and cultural perspectives, developing an appreciation of the diversity of theater practices, their processes and their modes of presentation. This enables students to discover and engage with different forms of theater across time, place and culture and promotes international-mindedness. Participation in the DP theater course results in the development of both theater and life skills; the building of confidence, imagination, creativity and a collaborative mindset.

Music 6

Length: Quarterly

Grade Level(s): 6

Prerequisite: N/A

Grade 6 Music is a ten-week course where students will learn how to play five instruments: piano, guitar, drums, bass, and vocals. Students will be introduced to music theory, consisting of music notation and music terminology. Small ensemble groups will be formed throughout the course, allowing students to collaborate and learn from each other. Students will also have the opportunity to showcase their skills through performance, including tuneful tuesdays and the end of quarter showcase.

Music 7

Length: Semester

Grade Level(s): 7

Prerequisite: N/A

Grade 7 Music offers students the opportunity to further their instruction within instrumentation and singing with a focus on the continuing skills necessary for long-term student success, growth, and performance. Fundamentals stressed include fingering, proper posture, playing position, development of characteristic tone quality, and training in music literacy. Students will participate in performances throughout the semester.

Music 8

Length: Semester

Grade Level(s): 8

Prerequisite: N/A

The Grade 8 Music course is designed to use the skills learned in the Grade 7 course, but with the added element of melody. Instruction primarily takes place on contemporary instruments but may also include orchestral instruments. Students will learn the fundamentals of reading and writing pitches, chords, as well as some standard popular music harmonic progressions. Students will become familiar and be able to independently apply and use these tools to create their own music.

Music 9-10

Credit: 1.0

Length: 1 Year

Grade Level(s): 9 - 10

Prerequisite: N/A

This course is uniquely tailored to accommodate students who play instruments that are not commonly featured in traditional band settings, such as guitars, drums, laptop producers, singer-songwriters, and more. Students will have the chance to explore both practical and theoretical aspects of music, collaborating to perform and create music. This collaborative environment will allow students to improve their instrumental skills and techniques while expanding their musical knowledge.

Visual Art 6

Length: Quarterly

Grade Level(s): 6

Prerequisite: N/A

Grade 6 Visual Art is a ten-week course where students develop the foundational skills needed to communicate ideas visually, while discovering a variety of art materials and techniques such as painting, drawing, sculpture, and ceramics. Students will be responsible for keeping a sketchbook that they work on during class, generating and conceptualizing artistic ideas and work. Students will organize and develop artistic ideas and work while investigating techniques and basic art skills.

Visual Art 7

Length: Semester

Grade Level(s): 7

Prerequisite: N/A

Grade 7 Visual Art is a semester course, where students develop the foundational skills needed to communicate ideas visually, while discovering a variety of art materials and techniques such as painting, drawing, sculpture, and ceramics. Using the elements and principles of art in order to create their own works. Students will be responsible for keeping a sketchbook that they work on during class, generating and conceptualizing artistic ideas and work. Students will organize and develop artistic ideas and work while investigating techniques and basic art skills.

Visual Art 8

Length: Semester

Grade Level(s): 8

Prerequisite: N/A

Grade 8 Visual Art is a semester course, where students develop the foundational skills needed to communicate ideas visually, while connecting art to other subjects- Social Studies, Language Arts, Math, etc... Students will be introduced to many different types of media. Drawing, 2-D, and 3-D. Students must keep a sketchbook which will be worked on both inside and outside of class. In the sketchbook, students will generate and conceptualize artistic ideas and work. Using the elements and principles of art in order to create their own works to refine and complete artistic work. As Well as to develop and refine artistic techniques and work for presentation.

Visual Art 9

Credit: 0.5

Length: 1 Year

Grade Level(s): 9

Prerequisite: N/A

Grade 9 Visual Art is a year-long course designed for students beginning their study of art on the high school level, students will focus on fundamental drawing skills, color theory, and basic concepts, media, and techniques. Students will apply artistic processes and skills, using a variety of media to communicate meaning and intent in original artworks. Students must keep a sketchbook which will be worked on both inside and outside of class. In the sketchbook, students will generate and conceptualize artistic ideas and work. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned.

Visual Art 10

Credit: 0.5

Length: 1 Year

Grade Level(s): 10

Prerequisite: Visual Art 9

Grade 10 Visual Art will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional designs with an emphasis on understanding the Elements of Art and Principles of Design as a basis for composition. They will also examine virtual and physical art exhibitions, in galleries

and museums, in order to have a deeper understanding of curatorial practices. Students must keep and be consistently working in a sketchbook/visual journal for research, planning and reflection, which will be worked on both inside and outside of class. In the sketchbook/visual journal, students will generate and conceptualize artistic ideas and work. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned.

Visual Art 11

Credit: 1.0

Length: 1 Year

Grade Level(s): 11

Prerequisite: Visual Art 10

Grade 11 Visual Arts students learn to become more independent and self-driven studio artists in this course. They investigate art forms they are interested in, and develop themes, as well as strengthening their techniques and craftsmanship. Their own concepts will emerge as they are simultaneously exposed to practicing contemporary artists who explore topics of global issues or the material nature of objects and materials. They will also create one class-exhibition where they become the artists as well as the curators. The course is designed to serve those with a genuine interest in the visual arts and is recommended for those considering electing additional art courses. Students will be consistently working in a visual journal for research, planning and reflection.

Visual Art 12

Credit: 1.0

Length: 1 Year

Grade Level(s): 12

Prerequisite: Visual Art 11

Grade 12 Visual Arts students learn to become more independent and self-driven studio artists in this course. They investigate art forms they are interested in, and develop themes, as well as strengthening their techniques and craftsmanship. Their own concepts will emerge as they are simultaneously exposed to practicing contemporary artists who explore topics of global issues or the material nature of objects and materials. They will also create one class-exhibition where they become the artists as well as the curators. There will be a large art exhibition alongside the IB Art students. Students will be consistently working in a visual journal for research, planning and reflection.

IBDP Visual Art SL/HL

Credit: 1.0

Length: 2 Year

Grade Level(s): 11 - 12

Prerequisite: Visual Art 10

The IB Diploma Programme Visual Arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to further study of visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts.

PHYSICAL EDUCATION

GRADUATION REQUIREMENTS: 4 YEARS / 2 CREDITS

Dunecrest American School strives to develop physically, socially, and mentally balanced individuals who understand the value of an active lifestyle and the benefits of being a lifelong active learner. Our program emphasizes the development and refinement of basic motor skills and the students' ability to apply them to both individual and team sports.

Course Descriptions

Physical Education 6-8

Length: 1 Year

Grade Level(s): 6 - 8

Prerequisite: PE5, 6, or 7

Middle School Physical Education is all about diving into physical activity and personal growth. Students will improve their fitness through teamwork and friendly competition in team sports, as well as focus on honing their skills in individual sports. The course aims to nurture personal growth by enhancing competence and confidence through movement, contributing to the development of students' physical literacy. Join us for an exciting journey filled with movement, teamwork, and well-being!

Physical Education 9-10

Credit: 1.0

Length: 1 Year

Grade Level(s): 9 - 10

Prerequisite: PE 8 or 9

Grade 9 and 10 Physical Education is dedicated to cultivating physically literate individuals in alignment with SHAPE America's Physical Literacy definition. Throughout the course, students will engage in a comprehensive physical education curriculum, incorporating territory invasion games, net games, striking and fielding games, individual pursuits, and swimming. Emphasizing the development of competence and confidence in a diverse range of physical activities, students will also explore the importance of teamwork, sportsmanship, and the principles of fair play.

The goal is not only to enhance students' physical abilities but also to instill a lifelong appreciation for a healthy and active lifestyle. Students have the opportunity to set personal fitness goals, track progress, and develop a sense of responsibility for their own well-being. Through a blend of structured lessons and student-centered activities, Grade 9 and 10 Physical Education aims to lay the foundation for a balanced and physically active future.

Physical Education 11-12

Credit: 1.0

Length: 1 Year

Grade Level(s): 11-12

Prerequisite: PE 10 or 11

The grade 11 and 12 Physical Education course continues the journey toward cultivating well-rounded and physically literate individuals. Building upon the diverse range of activities introduced in the previous year, Grade 11 and 12 PE will have a greater focus on lifelong sports and activities. Emphasizing the importance of holistic well-being, the course will continue to highlight teamwork, sportsmanship, and fair play. The goal is to not only refine individual skills but also to promote leadership and cooperation within a team setting. Students will be encouraged to take on more active roles, both as participants and leaders, fostering a sense of responsibility for the overall success of their team.

Strength & Conditioning 9-10

Credit: 1.0

Length: 1 Year

Grade Level(s): 9-10

Prerequisite: None

** This course is offered as an elective option*

This course is designed to lay the foundation for a lifelong journey of physical well-being. Whether you're new to fitness or looking to enhance your understanding, we'll explore the fundamentals of strength training, conditioning, and overall fitness. Throughout the year, students will engage in a variety of activities aimed at developing strength, endurance, flexibility, and coordination. We will cover basic exercise principles, proper form, and the importance of a well-rounded fitness routine. Understanding the science behind fitness will empower students to make informed choices about their health.

Strength & Conditioning 11-12

Credit: 1.0

Length: 1 year

Grade Level(s): 11-12

Prerequisite: None

** This course is offered as an elective option*

Building on the foundations laid in Grade 9 and 10, this course is designed for students ready to take their fitness journey to the next level. Whether you're an athlete or someone passionate about personal wellness, this course will challenge and inspire you. Throughout the year, we will delve deeper into advanced strength training techniques, sports-specific conditioning, and comprehensive fitness programming. Students will learn about injury prevention, and the role of nutrition in

optimizing performance. This course combines theory with practical application. From designing personalized workout plans to exploring advanced training methodologies, students will emerge from this course with a heightened understanding of how to achieve peak physical performance.

ISLAMIC STUDIES

GRADUATION REQUIREMENTS: 4 YEARS/CREDITS

Islamic education at Dunecrest aims to assert national identity of learners, strengthen the bonds of love and tolerance and cooperation among them. It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures.

Course Descriptions

Islamic Studies 6

Length: 1 Year

Grade Level(s): 6

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and values like tolerance, peace, mercy and respect in Islam. Also through studying etiquettes like eating, dialogue and mosque manners. It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying volunteering and its importance in developing societies and through studying the life of Prophet Muhammad (PBUH) in Madina after Emigration and how he started laying the foundations of the civil society which consisted of Muslims and other parties living in Madina, pledging to respect them and their beliefs and guarantee their freedom of worship. It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat Al-Sajda.

Islamic Studies 7

Length: 1 Year

Grade Level(s): 7

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and values like tolerance, moderation, mercy and respect in Islam. Also through studying sharia rules like Sunan Al-Fitra, dry and full ablution manners. It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying Arab Islamic civilization and through studying the biography of Prophet Muhammad (PBUH) and how he taught us the successful key of leadership and us how to avoid rumors and prevent spread rumors. It also aims to enhance Arabic

language and pronunciation to students through reciting and memorizing Surat Al-Qaf.

Islamic Studies 8

Length: 1 Year

Grade Level(s): 8

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and values like tolerance, sincerity, security and respect in Islam. Also through studying etiquettes like travel, dialogue and mosque manners. It also aims to prepare students to know Islamic sharia and rules through studying Umrah rules and prayer for certain purposes (Eclipse, Rain and Istikhara) . It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat Yassin.

Islamic Studies 9

Credit: 0.5

Length: 1 Year

Grade Level(s): 9

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and values like tolerance, sincerity, justice, security and safety in Islam.

It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying safety of society and the unity of its members. It also aims to prepare students to know Islamic sharia and rules through differentiating between halal and haram food and drinks, Zakat rules and Pilgrimage rules. It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat Al-Hujurit.

Islamic Studies 10

Credit: 0.5

Length: 1 Year

Grade Level(s): 10

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and etiquette like sincerity, justice, security and safety in Islam and dressing and dialogue etiquettes in Islam.

It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying human development in Islam and Prophet's methodology in Da'wah.

It also aims to prepare students to know Islamic sharia and rules through differentiating between Juristic schools and endowment rules. It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat Al-Khaf.

Islamic Studies 11

Credit: 0.5

Length: 1 Year

Grade Level(s): 11

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and etiquette like sincerity, abstinence, security and safety in Islam and dressing and dialogue etiquettes in Islam.

It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying planning milestones in the Prophet's Sirah and methodology of Islam in family building.

It also aims to prepare students to know Islamic sharia and rules through differentiating between sources of Islamic Sharia and marriage rules. It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat Al-Ahzab.

Islamic Studies 12

Credit: 0.5

Length: 1 Year

Grade Level(s): 12

Prerequisite: None

Islamic education at Dunecrest aims to assert the national identity of learners, strengthen the bonds of love and tolerance and cooperation among them through studying ethics and etiquette like sincerity, abstinence, security and safety in Islam and social media etiquettes in Islam.

It also aims to prepare students to actively participate in community building, to keep pace with global changes and openness with awareness of other cultures through studying Prophet's methodology in health care and responsibility in Islam.

It also aims to prepare students to know Islamic sharia and rules through identifying prohibited sales, punishment of slander and committing adultery and divorce rules. It also aims to enhance Arabic language and pronunciation to students through reciting and memorizing Surat An-Noor.

Enrichment 6-12

Credit: N/A

Length: 1 Year

Grade Level(s): 6-12

Prerequisite: This course is a mandatory selection for all Non-Islamic students

Enrichment is a course offered for non-Islamic students where they explore varying topics and subject matter. Possible topics may include: Research & Innovation, Health

Education, Musical Technology, Film Appreciation, Financial Literacy, etc. Topics & content will vary by grade-level and may change year to year.

STUDENT SUPPORT SERVICES

Course Descriptions

MS Students Support

Length: Semester

Grade Level(s): 6 - 8

Prerequisite: Inclusion program. Parent, Counselor and Inclusion Teacher approval

* This class is offered in place of a modern language.

Students who require a higher level of support may attend a small group learning support class to work on the individualized learning goals on their Individual Education Plan. Student programs may focus on functional academic, social skills, and daily living/life skills, and/or curriculum outcomes for their classes. The goal is to help students learn how to fulfill their personal and academic potential and attain as much independence.

HS Students Support

Length: Semester

Grade Level(s): 9 - 12

Prerequisite: Inclusion program. Parent, Counselor and Inclusion Teacher approval

*Class is offered in place of modern languages in Grade 9. In grades 10-12 it is offered in place of an elective.

Students who require a higher level of support may attend a small group learning support class to work on the individualized learning goals on their Individual Education Plan. Student programs may focus on functional academic, social skills, and daily living/life skills, and/or curriculum outcomes for their classes. The goal is to help students learn how to fulfill their personal and academic potential and attain as much independence as possible.

ENGLISH LANGUAGE LEARNING

Course Descriptions

MS Students Support

Length: Semester

Grade Level(s): 6 - 8

Prerequisite: Language Proficiency Assessment. Parent, Counselor, and ELL Coordinator approval

* This class is offered in place of a Modern Language (French, Spanish, German) or the Enrichment class (for Non-Muslims students).

** Grade 6 to 8 ELLs, who are new to the UAE and new to the Arabic language, may take this course instead of Arabic, provided the required exemption has been appropriately approved by the local government entity, KHDA.*

This course is designed to provide students with the language skills (comprehension, listening, speaking, reading, and writing of the English language) necessary to thrive in an English-speaking academic environment. It is specifically tailored for students who are in the process of acquiring English as an additional language. Therefore, this course provides English Language Learners (ELLs) with systematic English language instruction and academic support to maximize their probabilities of a successful school experience.

This course is structured according to the four language domains (speaking, listening, reading and writing), including subject-specific vocabulary and content. It emphasizes communicative competence, focusing on practical language use in both academic and everyday contexts. Throughout the course, students are introduced to various strategies and techniques for language acquisition, including diverse technological tools to facilitate comprehension of the language and understanding of subject-specific content. All instruction is provided in English.

Students' eligibility for the course is determined through the administration of an English language proficiency test in combination with subject teachers' feedback on ELL's classroom performance. This course is suitable for ELLs at beginner (Tier 3) and intermediate (Tier 2) levels of English language proficiency.

HS Students Support

Length: Semester

Grade Level(s): 9 - 10

Prerequisite: Language Proficiency Assessment. Parent, Counselor, and ELL Coordinator approval

** This class is offered in place of a Modern Language (French, Spanish, German) or the Enrichment class (for Non-Muslims students).*

** Grade 9 ELLs, who are new to the UAE and new to the Arabic language, may take this course instead of Arabic, provided the required exemption has been appropriately approved by the local government entity, KHDA.*

This course is designed to provide students with the language skills (comprehension, listening, speaking, reading, and writing of the English language) necessary to thrive in an English-speaking academic environment. It is specifically tailored for students who are in the process of acquiring English as an additional language. Therefore, this course provides English Language Learners (ELLs) with systematic English language instruction and academic support to maximize their probabilities of a successful school experience.

This course is structured according to the four language domains (speaking, listening, reading and writing), including subject-specific vocabulary and content.

It emphasizes communicative competence, focusing on practical language use in both academic and everyday contexts. Throughout the course, students are introduced to various strategies and techniques for language acquisition, including diverse technological tools to facilitate comprehension of the language and understanding of subject-specific content. All instruction is provided in English.

Students' eligibility for the course is determined through the administration of an English language proficiency test in combination with subject teachers' feedback on the ELL's classroom performance. This course is suitable for ELLs at beginner (Tier 3) and intermediate (Tier 2) levels of English language proficiency.