

Celebration High School



Diploma Program Curriculum Guide

----- 2021-2022 -----

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The International Baccalaureate (IB) Diploma Programme

The Diploma Programme provides a rigorous, challenging, internationally focused, broad and balanced educational experience for students. Students are required to study six subjects and a curriculum core concurrently over two years. The programme is designed to equip students with the basic academic skills needed for: university study, further education and their chosen profession as well as developing the values and life skills needed to live a fulfilled and purposeful life.

The driving force behind the Diploma Programme is a philosophy about the nature of education, which is expressed in the IB mission statement.

Mission Statement

The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment. These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

The IB Learner Profile is the embodiment of the IB mission statement in 10 attributes and aims to define the type of learner the IB aspires to develop in its programme.

Inquirers	They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.
Knowledgeable	They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.
Thinkers	They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems, and make reasoned, ethical decisions.
Communicators	They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others.
Principled	They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.
Open-minded	They understand and appreciate their own cultures and personal histories, and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view, and are willing to grow from the experience.
Caring	They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service, and act to make a positive difference to the lives of others and to the environment.
Risk-takers	They approach unfamiliar situations and uncertainty with courage and forethought, and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs.
Balanced	They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others.
Reflective	They give thoughtful consideration to their own learning and experience. They support their learning and personal development.

IB Diploma Requirements

After completing the Pre-Diploma program, students entering the 11th grade enter the Diploma Programme (DP) and become Diploma Candidates. As a Diploma Candidate, students are exempt from completing the traditional state of Florida graduation requirements but instead must complete all requirements of the IB Diploma.

Core Courses

Diploma Candidates study 6 subjects two years from the following groups:

Group 1: Language A

Group 2: Language B

Group 3: Individuals and Societies

Group 4: Experimental Sciences

Group 5: Mathematics

Group 6: The Arts*

Candidates must select:

3 subjects to study at higher level (HL)

3 subjects to study at standard level (SL)

During the two-year programme, candidates are assessed both internally and externally in each subject.

The Extended Essay (EE)

The extended essay has a prescribed limit of 4,000 words. It offers the opportunity to investigate a topic of individual interest, and acquaints students with the independent research and writing skills expected at the university level.

Theory of Knowledge (TOK)

The interdisciplinary Theory of Knowledge (TOK) course is designed to provide coherence by exploring the nature of knowledge across disciplines, encouraging an appreciation of other cultural perspectives.

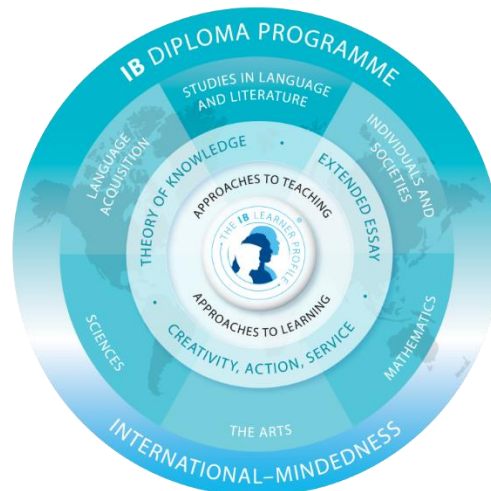
Creativity, Activity, & Service (CAS)

Participation in the school's CAS programme encourages candidates to be involved in artistic pursuits, physical activity, and community service work. The programme fosters students' awareness and appreciation of life outside the academic arena.

*Instead of selecting a course from Group 6, students may elect to study another subject from one of the other groups.

To earn an IB Diploma a Candidate must:

- Successfully complete the internal and external requirements of 3 HL courses and 3 SL courses
- Successfully complete the Extended Essay, TOK requirements, and CAS requirements
- Earn a minimum of 24 points - each subject is graded on a 1-7 scale and 3 points can be earned for the Extended Essay and TOK combined (points are awarded after completion of the IB exams)



IB Diploma Programme Courses

The following are the DP courses that will be offered under the 6 subject areas at CHS. Most courses are studied for 2 years. Each candidate should also begin deciding which 3 courses they will complete at the higher level (HL) and which 3 courses they will complete at the standard level (SL). Candidates should make an informed decision and get input from their parents/guardians, counselor, and teachers. They should select a balanced course load and incorporate subjects in which they have already found success while also selecting courses that will challenge them and expose them to new topics and learning experiences.

Once the candidates' final selections are made, a schedule will be created. Furthermore, due to potential course conflicts, schedule/course changes will be difficult at a later date, so candidates should spend a considerable amount of time selecting the appropriate courses.

	11 th Grade	12 th Grade	Level
Group 1: Language A	IB English III	IB English IV	HL only
Group 2: Language B	IB French IV	IB French V/VI	SL or HL
	IB Spanish IV	IB Spanish V/VI	SL or HL
Group 3: Individuals & Societies	IB Economics I	IB Economics III	HL
	IB Economics II	<i>Elective</i>	SL
	IB Environmental Systems I	<i>Elective</i>	SL only
	Global Politics I	Global Politics III	HL
	Global Politics II	<i>Elective</i>	SL
	IB History of Europe I	IB Contemporary History	HL
	IB Contemporary History	<i>Elective</i>	SL
Group 4: Experimental Sciences	IB Philosophy I	IB Philosophy III	HL
	IB Philosophy II	<i>Elective</i>	SL
	IB Biology I	IB Biology II/III	SL or HL
Group 5: Mathematics	IB Chemistry I	IB Chemistry II/III	SL or HL
	IB Environmental Systems I	<i>Elective</i>	SL only
	IB Math: Applications and Interpretations I	IB Math: Applications and Interpretations II	SL only
Group 6: The Arts	IB Math: Analysis and Approaches I	IB Math: Analysis and Approaches II	SL only
	AP Calculus	IB Math: Analysis and Approaches III	HL only
IB Core	IB Dance I	IB Dance III	HL only
	IB Music I	IB Music II	SL only
	IB Visual Art I	IB Visual Art II	HL only
	Theory of Knowledge I	Theory of Knowledge II	

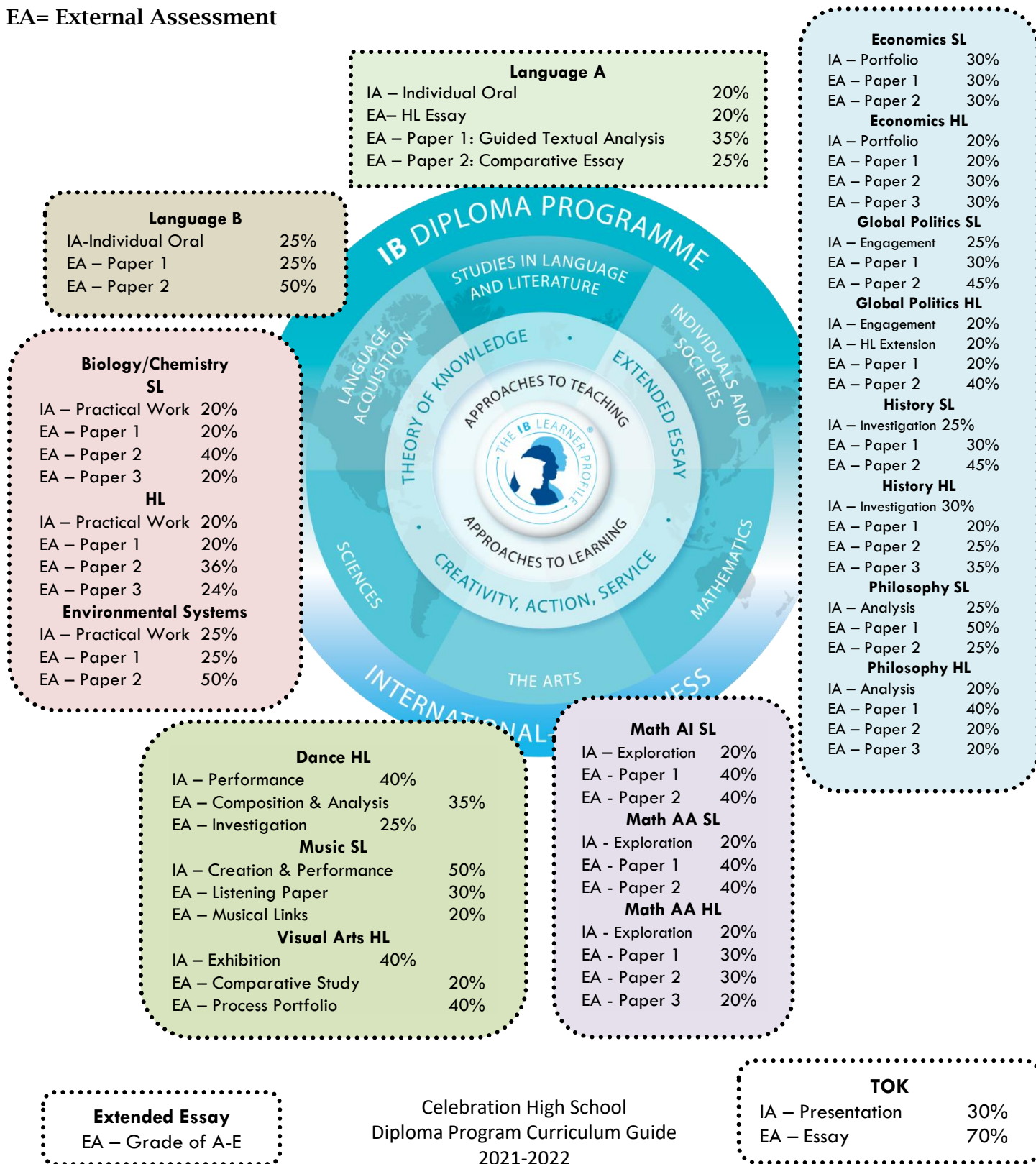
*Since English is only offered at the HL level, this course will count as one of the students' HL selections.

Internal & External Assessments

For each subject selected, TOK, and the Extended Essay, there will be internal and external assessments that the candidates must complete over the 2-year course of study. Listed in the chart below are all the assessments the candidates should expect to complete for each subject.

IA = Internal Assessment

EA= External Assessment



Group 1 – Language A**IB Course Title**

English A: Language and Literature

In this course, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary form and textual type alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by identity and culture. Approaches to study in the course are meant to be wide ranging and can include literary theory, sociolinguistics, media studies and critical discourse analysis among others.

HL Course Progression:

9th Grade: Pre-IB English 1

10th Grade: Pre-IB English 2

11th Grade: IB English 3

12th Grade: IB English 4

IB Exam:

IB Language and Literature HL Exam

Group 2 – Language B

IB Course Title

Language B: French

Language B is designed for second language learners and focuses principally on the interaction of speakers and writers of the target language. The aim of the course is to prepare students to use the language appropriately in a range of situations and contexts and for a variety of purposes. The course also allows students to develop an awareness and appreciation of the culture(s) of the countries in which the target language is spoken. The skills of listening, speaking, reading and writing are equally emphasized and are taught and developed through the study of a range of authentic oral and written texts chosen by the teacher. A variety of oral and written examinations are used to assess the student's listening, speaking, reading and writing skills.

SL Course Progression:

9th Grade: Pre-IB French 1

10th Grade: Pre-IB French 2

11th Grade: IB French 4B

12th Grade: IB French 5B

IB Exam:

IB French B SL Exam

HL Course Progression:

9th Grade: Pre-IB French I

10th Grade: Pre-IB French 2

11th Grade: IB French 4B

12th Grade: IB French 6B

IB Exam:

IB French B HL Exam

IB Course Title

Language B: Spanish

Language B is designed for second language learners and focuses principally on the interaction of speakers and writers of the target language. The aim of the course is to prepare students to use the language appropriately in a range of situations and contexts and for a variety of purposes. The course also allows students to develop an awareness and appreciation of the culture(s) of the countries in which the target language is spoken. The skills of listening, speaking, reading and writing are equally emphasized and are taught and developed through the study of a range of authentic oral and written texts chosen by the teacher. A variety of oral and written examinations are used to assess the student's listening, speaking, reading and writing skills.

SL Course Progression:

9th Grade: Pre-IB Spanish 1

10th Grade: Pre-IB Spanish 2

11th Grade: IB Spanish 4B

12th Grade: IB Spanish 5B

IB Exam:

IB Spanish B SL Exam

HL Course Progression:

9th Grade: Pre-IB Spanish I

10th Grade: Pre-IB Spanish 2

11th Grade: IB Spanish 4B

12th Grade: IB Spanish 6B

IB Exam:

IB Spanish B HL Exam

Group 3 – Individuals and Societies

IB Course Title

Economics

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)

SL Course Progression:

9th Grade: AP World History

10th Grade: AP U.S. History

11th Grade: IB Economics 2

12th Grade: *Elective*

IB Economics can be taken either 11th or 12th grade

HL Course Progression:

9th Grade: AP World History

10th Grade: AP U.S. History

11th Grade: IB Economics 1

12th Grade: IB Economics 3

IB Exam:

IB Economics SL Exam

IB Exam:

IB Economics HL Exam

IB Course Title

Global Politics

The 21st century is characterized by rapid change and increasing interconnectedness, impacting individuals and societies in unprecedented ways and creating complex global political challenges. Global politics is an exciting, dynamic subject that draws on a variety of disciplines in the social sciences and humanities, reflecting the complex nature of many contemporary political issues. The study of global politics enables students to critically engage with different and new perspectives and approaches to politics in order to comprehend the challenges of the changing world and become aware of their role in it as active global citizens.

SL Course Progression:

9th Grade: AP World History

10th Grade: AP U.S. History

11th Grade: IB Global Politics 2

12th Grade: *Elective*

IB Global Politics 2 can be taken either 11th or 12th grade

HL Course Progression:

9th Grade: AP World History

10th Grade: AP U.S. History

11th Grade: IB Global Politics 1

12th Grade: IB Global Politics 3

IB Exam:

IB Global Politics SL Exam

IB Exam:

IB Global Politics HL Exam

Group 3 – Individuals and Societies

IB Course Title

History of Europe

History is designed to focus on the following areas: developing an understanding of the past through exposure to primary historical sources and through the work of historians; selecting, interpreting and forming a critical evaluation of historical data; appreciating the relative nature of historical knowledge and understanding, as each generation reflects its own world; fostering an understanding of major historical events in a global context; developing an understanding of, and empathy for, people living in other periods and contexts.

SL Course Progression:

9th Grade: AP World History
 10th Grade: AP U.S. History
 11th Grade: IB Contemporary History
 12th Grade: *Elective*

IB Contemporary History can be taken either 11th or 12th grade

IB Exam:

IB History SL Exam

HL Course Progression:

9th Grade: AP World History
 10th Grade: AP U.S. History
 11th Grade: IB History of Europe
 12th Grade: IB Contemporary History

IB Exam:

IB History HL Exam

IB Course Title

Philosophy

The philosophy course provides an opportunity for students to engage with some of the world's most interesting and influential thinkers. It also develops highly transferable skills such as the ability to formulate arguments clearly, to make reasoned judgments and to evaluate highly complex and multifaceted issues. The emphasis of the DP philosophy course is on “doing philosophy”, that is, on actively engaging students in philosophical activity. The course is focused on stimulating students' intellectual curiosity and encouraging them to examine both their own perspectives and those of others.

SL Course Progression:

9th Grade: AP World History
 10th Grade: AP U.S. History
 11th Grade: IB Philosophy 2
 12th Grade: *Elective*

IB Philosophy 2 can be taken either 11th or 12th grade

IB Exam:

IB Philosophy SL Exam

HL Course Progression:

9th Grade: AP World History
 10th Grade: AP U.S. History
 11th Grade: IB Philosophy 1
 12th Grade: IB Philosophy 3

IB Exam:

IB Philosophy HL Exam

Group 4 – Experimental Sciences*

IB Course Title**Biology**

Biology is designed to give students a secure knowledge of a body of facts and, at the same time, a broad understanding of the field of biology. The course includes both a theoretical and practical focus. The core of the Biology program consists of study in six required topics: (1) statistical analysis; (2) cells; (3) the chemistry of life; (4) genetics; (5) ecology and evolution; and (6) human health and physiology. Higher Level students must also study additional topics which include (7) nucleic acids and proteins; (8) cell respiration and photosynthesis; (9) plant science; (10) genetics; and (11) human health and physiology.

*SL Course Progression:*9th Grade: Pre-IB Biology 110th Grade: Pre-IB Chemistry 111th Grade: IB Biology 112th Grade: IB Biology 2*HL Course Progression:*9th Grade: Pre-IB Biology 110th Grade: Pre-IB Chemistry 111th Grade: IB Biology 112th Grade: IB Biology 3*IB Exam:*

IB Biology SL Exam

IB Exam:

IB Biology HL Exam

IB Course Title**Chemistry**

The core of the Chemistry program consists of a study in eleven topics: (1) quantitative chemistry; (2) atomic structure; (3) periodicity; (4) bonding; (5) energetics; (6) kinetics; (7) equilibrium; (8) acids and bases; (9) oxidation and reduction; (10) organic chemistry; and (11) measurement and data processing. Students at the higher level perform further study in all of these areas.

*SL Course Progression:*9th Grade: Pre-IB Biology 110th Grade: Pre-IB Chemistry 111th Grade: IB Chemistry 112th Grade: IB Chemistry 2*HL Course Progression:*9th Grade: Pre-IB Biology 110th Grade: Pre-IB Chemistry 111th Grade: IB Chemistry 112th Grade: IB Chemistry 3*IB Exam:*

IB Chemistry SL Exam

IB Exam:

IB Chemistry HL Exam

Group 4 – Experimental Sciences***IB Course Title****Environmental Systems and Societies**

This course is a trans-disciplinary course combining Group 3 and Group 4 topics. The aims of the environmental systems and societies course are to: promote understanding of environmental processes at a variety of scales, from local to global; provide a body of knowledge, methodologies and skills that can be used in the analysis of environmental issues at local and global levels; enable students to apply the knowledge, methodologies and skills gained; promote critical awareness of a diversity of cultural perspectives; recognize the extent to which technology plays a role in both causing and solving environmental problems; appreciate the value of local as well as international collaboration in resolving environmental problems; appreciate that environmental issues may be controversial, and may provoke a variety of responses; and appreciate that human society is both directly and indirectly linked to the environment at a number of levels and at a variety of scales.

SL Course Progression:

9th Grade: Pre-IB Biology 1

10th Grade: Pre-IB Chemistry 1

11th Grade: IB Environmental Systems and Societies

12th Grade: *Elective*

IB Environmental can be taken either 11th or 12th grade

IB Exam:

IB Environmental Systems and Societies SL Exam

**Course Progression in Group 4 may vary depending credits*

Group 5 – Mathematics*

IB Course Title**Mathematics: Applications and Interpretations**

This 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 modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics.

The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures.

*SL Course Progression:*9th Grade: Geometry Honors10th Grade: Algebra 2 Honors11th Grade: IB Applications and Interpretations 112th Grade: IB Applications and Interpretations 2*IB Exam:*

IB Math: Applications and Interpretations SL Exam

IB Course Title**Mathematics: Analysis and Approaches**

This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL.

The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments.

*SL Course Progression:*9th Grade: Geometry Honors10th Grade: Algebra 2 Honors11th Grade: IB Analysis and Approaches 112th Grade: IB Analysis and Approaches 2*HL Course Progression:*9th Grade: Algebra 2 Honors10th Grade: IB Analysis and Approaches 111th Grade: AP Calculus12th Grade: IB Analysis and Approaches 3*IB Exam:*

IB Math: Analysis and Approaches SL Exam

IB Exam:

IB Math: Analysis and Approaches HL Exam

**Course Progression in Group 5 may vary depending credits*

Group 6 – The Arts*

IB Course Title

Dance

The aims of the dance course are to help students: understand dance as a set of practices with their own histories and theories; understand that these practices integrate physical, intellectual and emotional knowledge; experience dance as an individual and collective exploration of the expressive possibilities of bodily movement; understand and appreciate mastery in various dance styles, traditions and cultures familiar and unfamiliar; and recognize and use dance to create dialogue among the various traditions and cultures in their school environment, their society and the world at large.

*HL Course Progression:*9th Grade: *Elective***10th Grade: *Elective***11th Grade: IB Dance 112th Grade: IB Dance 3***Strongly recommended to select electives that are on the same track as your IB Group 6: The Arts course**IB Exam:*

IB Dance HL Exam

IB Course Title

Music

The aims of the Music course are for students to: become aware of how artists work and communicate; enjoy a lifelong engagement with the arts; become informed, reflective and critical practitioners in the arts; understand the dynamic and changing nature of the arts: explore and value the diversity of the arts across time, place and cultures; express ideas with confidence and competence; develop perceptual and analytical skills.; develop knowledge and potential as musicians, both personally and collaboratively.

*SL Course Progression:*9th Grade: *Elective***10th Grade: *Elective***11th Grade: IB Music 112th Grade: IB Music 2***Strongly recommended to select electives that are on the same track as your IB Group 6: The Arts course**IB Exam:*

IB Music SL Exam

Group 6 - The Arts***IB Course Title****Visual Arts**

Visual Arts is designed to: provide students with opportunities to develop aesthetic, imaginative and creative facilities; stimulate and develop visual awareness, perception and criticism of the arts of various cultures; to enable students to discover, develop and enjoy means of creative visual expression; encourage the pursuit of quality through training, individual experiment and persistent endeavor; and encourage a lively, inquiring and informed attitude toward art and design in all its forms.

HL Course Progression:

9th Grade: *Elective***

10th Grade: *Elective***

11th Grade: IB Visual Arts 1

12th Grade: IB Visual Arts 3

***Strongly recommended to select electives that are on the same track as your IB Group 6: The Arts course*

IB Exam:

IB Visual Arts HL Exam

**Instead of selecting a course from Group 6, students may elect to study another subject from one of the other groups*

IB Core - Theory of Knowledge**IB Course Title**

Theory of Knowledge

Required of all IB students, the aims of the Theory of Knowledge course are to: develop a fascination with the richness of knowledge as a human endeavor, and an understanding of the empowerment that follows from reflecting upon it; develop an awareness of how knowledge is constructed, critically examined, evaluated and renewed, by communities and individuals; encourage students to reflect on their experiences as learners, in everyday life and in the Diploma Program, and to make connections between academic disciplines and between thoughts, feelings and actions; encourage an interest in the diversity of ways of thinking and ways of living of individuals and communities, and an awareness of personal and ideological assumptions, including participants' own; and encourage consideration of the responsibilities originating from the relationship between knowledge, the community and the individual as citizen of the world.

Course Progression:9th Grade: Pre-IB Inquiry Skills10th Grade: *Elective*11th Grade: IB Theory of Knowledge 112th Grade: IB Theory of Knowledge 2