

Celebration High School



Pre-Diploma Program Curriculum Guide

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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

Students enrolled in the IB Programme are exempt from completing the traditional state of Florida graduation requirements but instead must complete all requirements of the IB Diploma. If a student exits the IB Programme, he or she falls back under the standard graduation requirements and will need to make up some required courses.

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*

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.



Pre-Diploma Program

The Pre-Diploma Program is designed for 9th and 10th graders. It provides an intensive and rigorous academic program that prepares students for successful transition into the IB Diploma Programme. Over the 2 years, the students build the fundamentals for in-depth study of the six core academic areas and are introduced to the attributes of the Learner Profile. The teachers and staff begin cultivating the research skills, inquiry skills, and international mindedness that the students will need not only to be successful in the IB Diploma Programme but to become life-long learners and contributing community members.

Pre-Diploma Program Courses

The following are the Pre-Diploma Program courses that will be offered during the students' freshman and sophomore years. Through these classes, the students begin their preparation for the IB Diploma Programme. Courses for the core areas are set for the 9th and 10th grade and are preparation for the 6 subject areas of the IB Diploma Programme. Electives can be chosen from the course descriptions in the following pages of this Curriculum Guide. Students should consider their future academic/career plans, elective sequences, and their intended Group 6 subject when selecting electives.

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Group 1 Language A	Pre-IB English I	Pre-IB English II	IB English III	IB English IV
Group 2 Language B	Pre-IB French I Pre-IB Spanish I	Pre-IB French II Pre-IB Spanish II	IB French IV IB Spanish IV	IB French V/VI IB Spanish V/VI
Group 3 Individuals & Societies	AP Human Geography	AP World History	IB Economics I HL IB Economics II SL IB Global Politics II SL IB History of the Americas HL IB Contemporary History SL IB Philosophy I HL IB Philosophy II SL	IB Economics III HL <i>Elective</i> <i>Elective</i> IB Contemporary History HL <i>Elective</i> IB Philosophy III HL <i>Elective</i>
Group 4 Experimental Sciences	Pre-IB Biology I	Pre-IB Chemistry I	IB Biology I IB Chemistry I IB Environmental Systems I	IB Biology II IB Chemistry II <i>Elective</i>
Group 5 Mathematics	Geometry Honors Algebra II Honors	Algebra II Honors Analysis/Approaches I	Applications/Interpretations I SL Analysis/Approaches I SL Analysis/Approaches II SL AP Calculus	Applications/Interpretations II SL Analysis/Approaches II SL <i>Higher Level Math Elective</i> Analysis and Approaches III HL
Group 6 The Arts	<i>Elective Course</i>	<i>Elective Course</i>	IB Dance I IB Music I IB Visual Arts I	IB Dance II <i>Elective</i> IB Visual Arts II
IB Core	Inquiry Skills	<i>Elective Course</i>	Theory of Knowledge I	Theory of Knowledge II

Pre-Diploma Program Requirements

Community Service

Celebration High School's Pre-Diploma students are required to engage in a total of 50 hours of community service over the course of their freshman and sophomore years in the spirit of the IB Programmer's philosophy of CAS:

The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better a more peaceful world. ~IB Learner Profile Booklet (March 2006)

Creating "a better and more peaceful world" is a large aim. Working towards it should be seen as involving many small steps, which may be taken locally, nationally or internationally. It is important to see activities in a broader context, bearing in mind the maxim "Think globally, act locally." Working with people from different social or cultural backgrounds in the vicinity of the school can do as much to increase mutual understanding as large international projects. (IBO CAS Guide, March 2008)

CHS's IB Office will help students locate opportunities for community service as well as assist students in documenting their service. In order to qualify for Florida's Bright Futures Scholarship, students must document a minimum of 100 hours of community service. Students remaining in the IB program for all four years will more than fulfill the community service requirements for the Bright Futures scholarship.

Academic Integrity

Celebration High School's Pre-Diploma students are expected to demonstrate high standards of academic integrity and exemplary conduct. The International Baccalaureate Organization (IBO) places strong emphasis on responsible citizenship and ethical behavior. Therefore, the faculty, staff, and administration of Celebration High School expect a commitment from Pre-Diploma students to maintain academic honesty and exemplary behavior.

Students will be provided with a copy of the Academic Integrity Policy and Honor Code and will be expected to sign the policy and adhere to the expectation set forth in the policy.

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

Pre-IB English 1

This course is literature-based, meaning that most of the course is centered on fiction, poetry, and drama. The primary goal of this course is to help you acquire the vocabulary and skills to analyze literature. The discussion of literature is itself an art which requires the clear expression of ideas both orally and in writing.

IB Course Title

Pre-IB English 2

Through assignments and activities for the class, students will develop clarity and precision in their communication skills. Through an intensive study of classic works of literature, students will further develop critical reading and thinking skills, as well as an appreciation for writing as an art form. Other cultures will be studied, and an emphasis on cultural relativism will be addressed through all components of the class. Pre-IB English II allows students to see their world in myriad ways; hopefully an appreciation for those abundances will be engendered.

Group 2 - Language B

Per IB Philosophy, students should select a language that is not their native language, or one they are exposed to in the home. This language will be studied for all four years of high school.

IB Course Title

Pre-IB Spanish 1

The purpose of this course is to introduce students to Spanish and Hispanic cultures and to develop communication skills and cross-cultural understanding. Studies will focus on beginning skills in listening and speaking with special attention to pronunciation, introduction to reading and writing skills, and the fundamentals of grammar and culture.

IB Course Title

Pre-IB Spanish 2

The emphasis in this course will be on reinforcement and expansion of the skills acquired in Spanish 1. The students will continue to develop the four language skills of listening, speaking, reading and writing. The course will emphasize oral and written expression. The students will take part in individual, as well as, group work leading to an improvement in oral proficiency. The course work will include: continued expansion of listening and speaking skills; development of acquired reading and writing skills; Cultural awareness of the Spanish speaking world; and mastery of basic grammatical principles and acquisition of a working vocabulary including frequently used idioms in the Spanish language.

Group 2 - Language B

Per IB Philosophy, students should select a language that is not their native language, or one they are exposed to in the home. This language will be studied for all four years of high school.

IB Course Title

Pre-IB French 1

The purpose of this course is to introduce students to French and French cultures and to develop communication skills and cross-cultural understanding. Studies will focus on beginning skills in listening and speaking with special attention to pronunciation, introduction to reading and writing skills, and the fundamentals of grammar and culture.

IB Course Title

Pre-IB French 2

Pre-IB French II will continue to develop the skills of listening; speaking, reading and writing that began in French I. Students will participate in both individual oral and group work on spoken and written levels. There will be particular emphasis on developing the listening and speaking skills. Course work will include projects to improve speaking and listening; as well as assignments to develop writing ability.

Group 3 - Individuals and Societies

IB Course Title

AP Human Geography

The purpose of this course is to enable students to develop higher level concepts and skills related to Human Geography. The content will include the following: regions, population studies, cultural concepts and spatial representations, political geography, land use, urbanization, issues related to space, place, and scale, and economic geography. College credit can be earned by successful performance (3 or above) on the Advanced Placement exam administered in May.

IB Course Title

AP World History

The content of this course is for students to understand the development of Europe within the context of history. Students will examine connections to the past in order to prepare for the future as participating members of a global community.

Group 4 – Experimental Sciences***IB Course Title**

Pre- IB Biology 1

This course is an introductory biology course designed to provide a foundation in the biological sciences and prepare students for the rigors of the International Baccalaureate Programme. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course.

IB Course Title

Pre-IB Chemistry 1

This course is an introductory chemistry course designed to provide a foundation in the principles and concepts of chemistry and prepare students for the rigors of the International Baccalaureate Programme. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course.

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

Group 5 – Mathematics***IB Course Title**

Geometry Honors

In-depth work in this honors course will focus on the study of visual patterns, enabling students to apply those patterns to real world situations. This class uses both exploratory and cooperative learning techniques. The content will include: point, line and plane characteristics; angles and lines; reflections; polygons; transformations and congruence; measurements; three-dimensional figures; surface area and volume; similarity; and circles. This course will provide knowledge and skills for the study of more advanced mathematics.

IB Course Title

Algebra 2 Honors

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The course includes the complex number system; solution strategies for linear equations, inequalities, and systems of equations and inequalities; polynomial and exponential functions; and probability and statistics. Throughout this course, students focus on understanding through application rather than on rote memorization. The course features integrated use of the graphing calculator and prepares students for the study of more advanced Mathematics including Pre-Calculus, Calculus, and Statistics.

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

Group 5 - Mathematics***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.

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

IB Core - Inquiry Skills**IB Course Title****Pre-IB Inquiry Skills**

The purpose of this course is to study the development of short and long-term educational goals, the nature of learning, the nature of study skills, strategies for specific study skill improvement and improvement in content areas, the problems associated with critical thinking and their solutions, problem solving, group discussion guidelines, the interdisciplinary nature of knowledge, and research skills.