

The IBO logo, consisting of the letters 'I', 'B', and 'O' in a stylized, blue, serif font. The 'I' and 'B' are solid, while the 'O' is a hollow circle.

Bay Shore High School IB Program

Today's Agenda

- ! **IB Mission, Curriculum, and Teaching Philosophy**
- ! **IB Diploma Program (DP) Curriculum**
 - ! **Diploma Requirements**
 - ! **Core Curriculum Components**
 - ! **Creativity, Action, Service (CAS)**
 - ! **Theory of Knowledge**
 - ! **Extended Essay**
- ! **The University Perspective**
- ! **Meet the IB Diploma Class of 2014**
- ! **Meet the IB Faculty**

Programs: What makes the Diploma Program special?

A rigorous two year pre-university course that leads to examinations.

- ! Designed for students in the last two years of secondary school who want to direct their learning in a more personal way
- ! Diploma students take six subjects as well as write a 4,000 word extended essay, complete a course in theory of knowledge, and complete a number of creativity, action and service (CAS) projects.
- ! The IB curriculum develops the individuals analytical thinking and communication skills
- ! The diploma is well recognized by the world's leading universities.



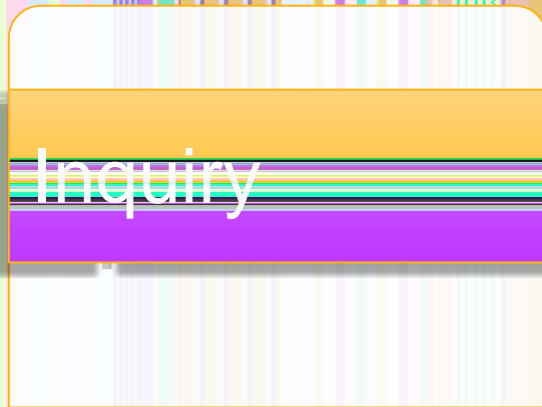
Programs: What makes the Diploma Program special?
It's more than a collection of facts.

Students are encouraged to:

- ! ask challenging questions
- ! learn how to learn
- ! develop a strong sense of their own identity and culture
- ! develop the ability to communicate with and understand people from other countries and cultures
- ! become independent, self-motivated learners.



What is the IB approach to teaching and learning?
Students learn by asking, doing, and thinking in an open, democratic classroom.



Organization: What is the learner profile?

It's the IBO mission statement translated into a set of learning outcomes for the 21st century.

IB learners strive to be:

Inquirers

Knowledgeable

Critical Thinkers

Communicators

Principled

Open-minded

Caring

Risk-takers

Balanced

Reflective

- The attributes of the learner profile express the values inherent in the IB curriculum and in each individual course.

- IB programs promote the education of the whole person, emphasizing intellectual, personal, emotional and social growth through all domains of knowledge.

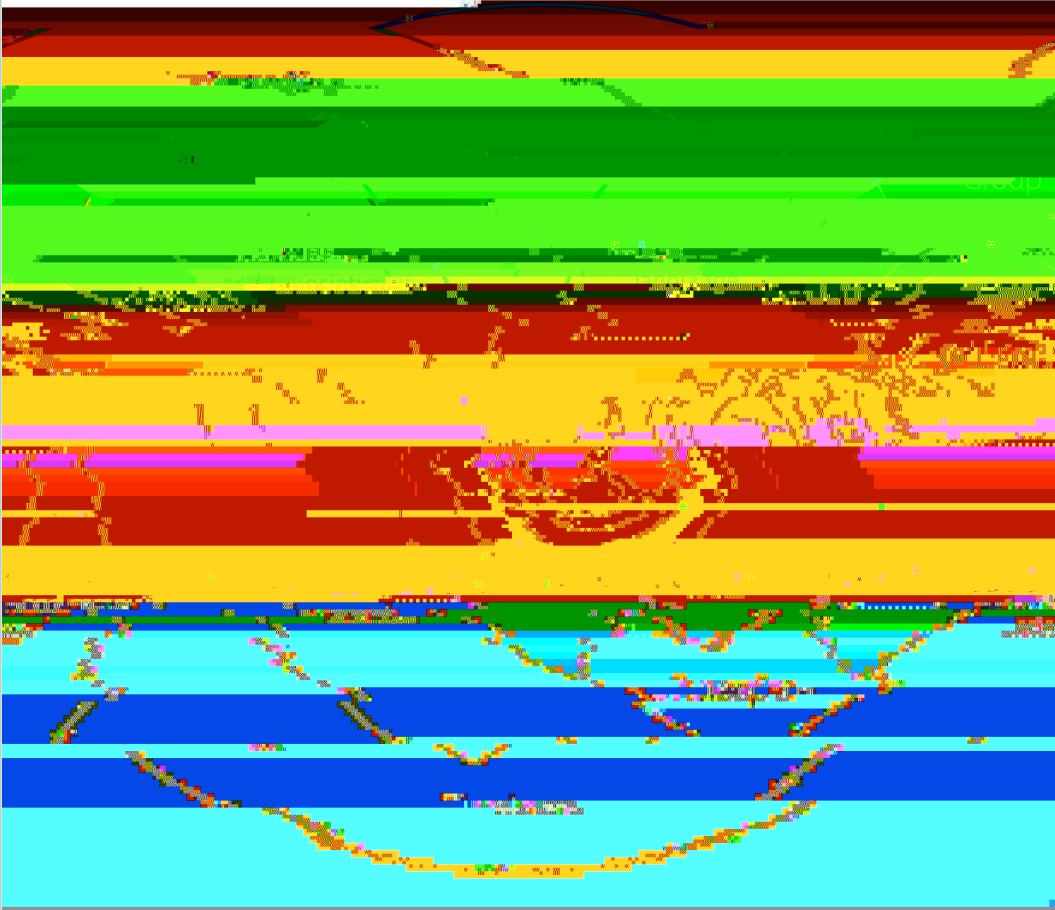
How do IB students develop an international perspective?
Diploma students will have the opportunity to participate in cultural exchanges with students from other nations.

International-mindedness Initiatives

- ! Sct. Knud's Gymnasium Cultural Exchange (Odense, Denmark)
- ! "The aim of all IB programs is to develop internationally-minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world."
 - ! --from the IB Learner Profile Booklet

What does the Diploma Program curriculum contain?

The curriculum consists of six required subject areas combined with three core components.



! Three subjects are studied at the higher level (HL), requiring 240 seat hours.

! Three subjects are studied at the standard level (SL), requiring 150 seat hours

! All three parts of the core—**creativity, action, service, theory of knowledge** and **extended essay**—are compulsory and are central to the philosophy of the Diploma Program.





What does the Diploma Program curriculum contain? The core requirements—*Theory of Knowledge (TOK)*

The interdisciplinary TOK course is designed to provide coherence to the IB curriculum by:

- ! exploring the nature of knowledge across disciplines

- ! encouraging an appreciation of other cultural perspectives.

Developing inquiry and critical thinking skills by asking the questions:

- How do you know what you know?

- How do I judge what is reliable and credible in a world awash in information and new knowledge?



What does the Diploma Program curriculum contain? The core requirements—*Creativity, Action, Service (CAS)*

Participation in the CAS program:

! motivates students to move beyond the classroom to apply their knowledge and problem solving skills to their community--think globally, act locally

encourages students to develop empathy and act ethically on what they are learning in the classroom

! fosters students' awareness of the learning experiences they have outside the academic arena by completing reflection essays for each CAS activity



What does the Diploma Program curriculum contain?

The core requirements—*Creativity, action, service (CAS)*

IB Diploma Candidates must complete 150 hours involving to a degree each of the three CAS areas:

- ! Creativity: arts and other experiences that involve creative thinking
 - ! Action: physical exertion contributing to a healthy lifestyle, complementing academic work elsewhere in the Diploma Program
 - ! Service: unpaid, voluntary exchanges of labor that have a learning benefit for the students
-
- ! Ideally a CAS project will have all three strands of CAS interwoven into its design and execution.
 - ! Students are encouraged to select real, purposeful activities, with significant outcomes, and then reflect on the outcome and personal learning from these CAS experiences.

What does the Diploma Program curriculum contain? The core requirements—*Extended Essay*

The extended essay:

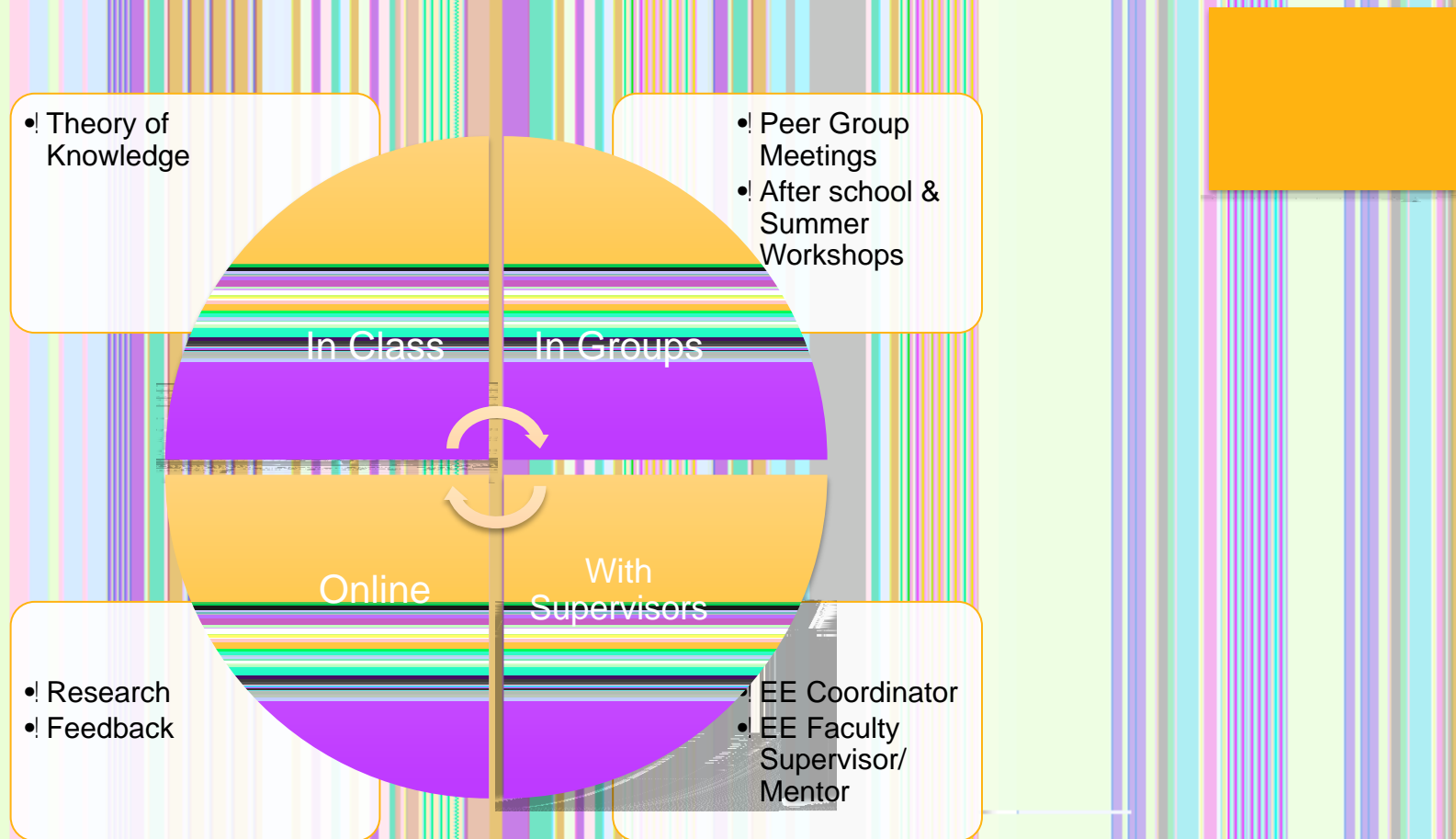
! has a prescribed limit of 4,000 words (i.e., 12-15 pages)

! offers the opportunity to investigate a topic of individual interest

! familiarizes students with the independent research and writing skills expected at university.



Although the Extended Essay task is an independent requirement, a variety of structures are in place to support students along the way to completing the task.



Assessment in the Diploma Program—*students are assessed both internally and externally in ways that measure individual performance against stated objectives for each subject.*

Unique IB Assessment Features

- ! Students' course grades are reported on a 1-7 scale
- ! Final grades are based on a combination of internal assessments and external assessments
 - ! Internal assessment—student-initiated task graded by the student's teacher and reviewed by the IBO for consistency with international standards
 - ! External assessment—IBO designed examination that is graded by IBO trained examiners
- ! Students are provided multiple opportunities throughout the duration of the course to demonstrate their mastery of skills and acquisition of knowledge

Assessment in the Diploma Program—

In most subjects at least some of the assessment is carried out internally by teachers, who mark individual pieces of work produced as part of a course of study. Examples include:

- ! oral exercises in language subjects
- ! projects
- ! student portfolios
- ! class presentations
- ! practical laboratory work
- ! mathematical investigations
- ! artistic performances.

University recognition of the IB Diploma—*The IB diploma is widely recognized by the world's leading universities.*

Universities are eager to attract IB students because they have:

- ! demonstrated a willingness to accept educational challenges
- ! developed the capacity for

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- ! Preparation: Universities want to attract students who have engaged in rigorous academic preparation for post-secondary study.
 - ! IB is widely known for creating intellectually challenging programs with a global perspective.
 - ! The IB program is sometimes labeled “a high-school program geared to the university-bound.”
- ! Achievement: The internal and external IB assessments provide universities with an accurate portrait of a student's achievement without fear of grade inflation.
- ! Character Development: The IB core curriculum--TOK, CAS, and the Extended Essay--produces the *well-rounded* student that universities seek to admit.
- ! **As with AP test scores, every college has its own policies when rewarding credits or advanced standing for IB courses. Students should research universities and their policies on the university website or the IB Web site (www.ibo.org)**

What do recent Bay Shore IB program graduates say?

- ! “I feel so lucky to have been able to do it [IB]. It really did prepare me for college--the workload, the type of work, and, most importantly, the critical thinking and analytical skills. It is an extremely high quality program...” Rachel Haberstroh, Brown University
- ! “I was definitely prepared for the workload that college has to offer. I actually find it to be easier than the IB workload due to all the extra time you have to complete everything.” Ben Pacella, Elon University
- ! “I am so pumped for all of my classes...and credit so much of the preparedness I feel to the IB program...The IB program was one of the best decisions I made in high school.” Kelly Reilly, American University

What is the profile of an IB student?

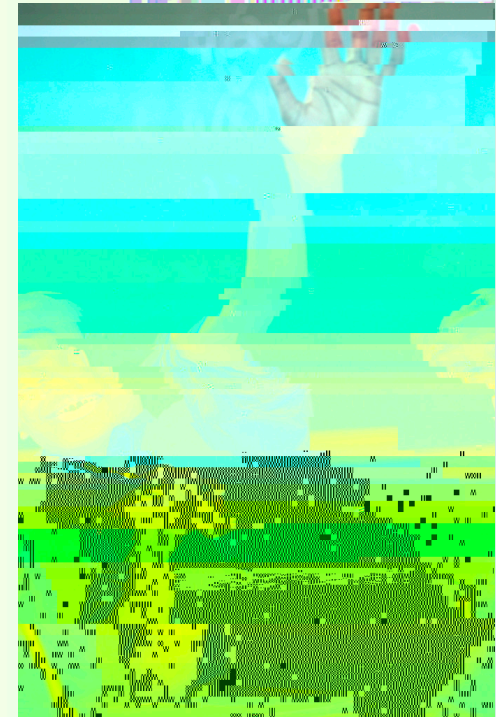
Successful IB students may come from a range of backgrounds, but all share a passion for learning.

Based on our experience, students who achieve success in IB usually:

- ! are on track for Advanced Regents diploma taking either Regents, Humanities, Honors, or AP courses
- ! earn an 80+ grade in all core subject areas—English, History, Science, Math and World Language
- ! have maintained consistent academic performance—no failing quarter or midterm grades

Personal Attributes:

- ! Curious
- ! Independent and self-motivated
- ! Organized
- ! Good study habits
- ! Interested in global issues
- ! Seeking a challenge



How do I apply to enter the IB program?

High school 10th graders will need to begin the application process in December of this year. High school 9th graders should continue to gather information about the IB program to prepare for applying next year.

Next Steps	Timeframe
Pick up IB Application Form at IB Open	

Final Thoughts—International Baccalaureate Diploma Program

The IB diploma program is designed for any student interested in:

- ! enhancing knowledge and critical thinking skills
- ! raising personal awareness of global and cultural issues
- ! developing caring, compassion, and empathy for others
- ! preparing to meet the challenges of living and working in a global technological society



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APPENDIX

A Comparison of IB and AP Programs

Criteria	IB	AP
Program Design	Holistic Program—distribution and core requirements Interdisciplinary connections	Independent Courses

International Baccalaureate Diploma Program — *An Excellent Preparation for College*

- ! **Researchers report that the IB standards correlate well with the indicators for success in college.**
- ! **College acceptance rates are higher for students completing the IB Diploma.**
- ! **According to IBO data, 80% of IB diploma recipients graduate from college in 6 years.**





University recognition of the IB Diploma—*The IB diploma is widely recognized by the world's leading universities.*

Assessment in the Diploma Program—*External assessment*

- ! Because of the greater degree of objectivity and reliability provided by the standard examination environment, externally marked examinations form the greatest share of the assessment for most subjects.
- ! The grading system is criterion-based: results are determined by performance against set standards, not by each student's position in the overall rank order.
- ! Validity, reliability and fairness are the watchwords of the Diploma Program's assessment strategy.



Assessment in the Diploma Program—*The majority of IB assessment is marked by external examiners from around the world.*

Some assessment tasks are conducted and overseen by teachers without the restrictions of examination conditions, but are then marked externally by examiners. Examples include:

- ! world literature assignments for IB English
- ! written assignments for IB second language
- ! essays for TOK and extended essays.

Externally marked examinations conducted in a standard examination environment form the greatest share of the assessment for most IB subjects because of the greater degree of objectivity and reliability.



TOK Questions

- ! What counts as knowledge?
- ! What evidence or justification do we need to say we have knowledge?
- ! Is knowledge created or discovered?
- ! What are limits of knowledge?
- ! Who owns knowledge?
- ! What is the value of knowledge?
- ! What are the implications of having or not having knowledge?

CAS adds an experiential learning dimension to the IB curriculum that reinforces the IB learner profile traits in a different setting.

CAS Learner Outcomes

- ! Increase awareness of your personal strengths and areas for growth
- ! Undertake new challenges
- ! Plan and initiate activities
- ! Work collaboratively with others
- ! Show perseverance and commitment in your activities
- ! Engage in work with issues of global importance
- ! Consider the ethical implications of your actions
- ! Develop new skills

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! “Send us prepared students a la IB...it is the best high school prep curriculum an American school can offer.”

-Director of Admissions, Massachusetts Institute of Technology

! “Binghamton University recognizes schools offering the International Baccalaureate program. The International Baccalaureate curriculum is the most challenging and comprehensive curriculum available and IB participation is recommended, taken into accountDsewunt69sl0909 1s304p

Educating our children for the future

What will the future look like?

! Explosion of knowledge and information

- ! Wikipedia model—continuous expansion
- ! Patent office overload
- ! Near immediate obsolescence of content knowledge (e.g. astronomy—Hubble telescope)

! Accelerating pace of change

- ! social and cultural structures evolving (e.g. Arab spring)
- ! Technological advances—accelerating innovation

! Increasing globalization

- ! Increasing interdependence
- ! Increasing competitiveness (e.g. rise of Brazil, Russia, India, and China -- BRIC)