

International Baccalaureate Diploma Programme







Bow School Board Presentation

Thursday, Nov.1, 2007

Guiding Questions:

- What educational program can we offer our students to prepare them for life in an increasingly global society?
- What program can we offer our students to challenge them academically and to measure their success by rigorous performance standards and assessments?
- What educational program can we offer our students to prepare them for success at the college of their choice?
- What program can we offer our students to obtain advanced placement and/or credit when they attend college?

IB Students Are Better Prepared for University Study:

-  **They are prepared to accept educational challenges.**
-  **They have self-confidence with university level material.**
-  **They have developed the capacity for independent research and study.**
-  **They have cultivated sound thinking and communication skills.**
-  **They have engaged in extracurricular activities alongside academic studies.**
-  **They have thought in global terms and have a cultural sensitivity and international orientation.**

Massachusetts Institute of Technology, Director of Admissions:

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

Princeton University, Director of Undergraduate Admissions:

“The IB is a first rate program, one we are familiar with, and it prepares students well for a university like ours.”

Harvard University, Assistant Dean of Admissions:

“IB is well known to us as excellent preparation. Success in an IB Program correlates well with success at Harvard. We are pleased to see the credentials of the IB Diploma Program on the transcript.”

University of California:

“...IB students exhibit evidence of determination, tenacity, motivation, and all these qualities are very valued by all of us as we do our selection for admission.”

Hamilton College:

“...recognizes the strength of the IB Diploma in its admission process...most IB Diploma holders have been granted a full year of academic credit for their work on IB.”

An IB Programme Will Provide:

- **A challenging programme of international education and rigorous assessment**
 - Professional Development to administer program
 - International assessment process that looks at a student's work over two years
- **A blueprint that helps to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect**
 - Embedded in the curriculum
 - CAS/TOK/Extended Essay process
 - Assessment process that aligns student self-assessment, classroom teacher assessment and an external assessment source.
 - Standardization of rigor and a wider lens for demonstration of meeting international standards
- **A vehicle that encourages students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right**

Other Recent Recognition

- Education Week: IB is **“the gold standard of high school curriculum in admissions circles.”** Barmak Nassirian, Associate Exec Dir AACRAO
- Washington Post: IB is **“one of the most prestigious and rapidly growing brands in education.”**
- Time: IB **“How to bring Our schools out of the 20th Century...Despite stringent certification requirements, IB schools are growing in the US – from about 350 in 2000 to 682 today.”**
- Newsweek: International Baccalaureate Schools Top the charts:
 - **Forty of the top 100 schools are IB Schools**
 - **Seven of the Top 10 public high schools are IB schools**
 - **The top four high school are IB Schools**

IB Diploma students perform better in post-secondary education than their peers

Dissertation at Purdue University

“92% of students to hold an IB Diploma earned a Bachelor’s degree and 87% of IB Diploma holders earned their degrees in five years or less.

IB standards are aligned with best practice in education and support effective teaching practices

Dissertation College of William and Mary

“IB teachers implement a variety of instructional strategies with high levels of instructional clarity and complexity and high expectations for student learning in and out of class

IB has a positive impact on the culture of a school

Dissertation from Oxford University included case studies on the implementation of IB at several schools in the U.S.

- Raise academic standards and change perceptions towards academic achievement
- Increase diversity within the school
- Bring an international perspectives to the classroom and raise awareness around intercultural understanding

International Baccalaureate Diploma Programme:

- Two Year Pre-University Diploma Programme
- Utilizes International Standards & Assessments
- Based on Interdisciplinary Curriculum
- Comprehensive School-Wide Curriculum Review & Professional Development Focus
- Emphasizes 'Global Mindedness'

**Group 1:
Language A**

**Group 2:
Language
B, A2, &
ab initio**

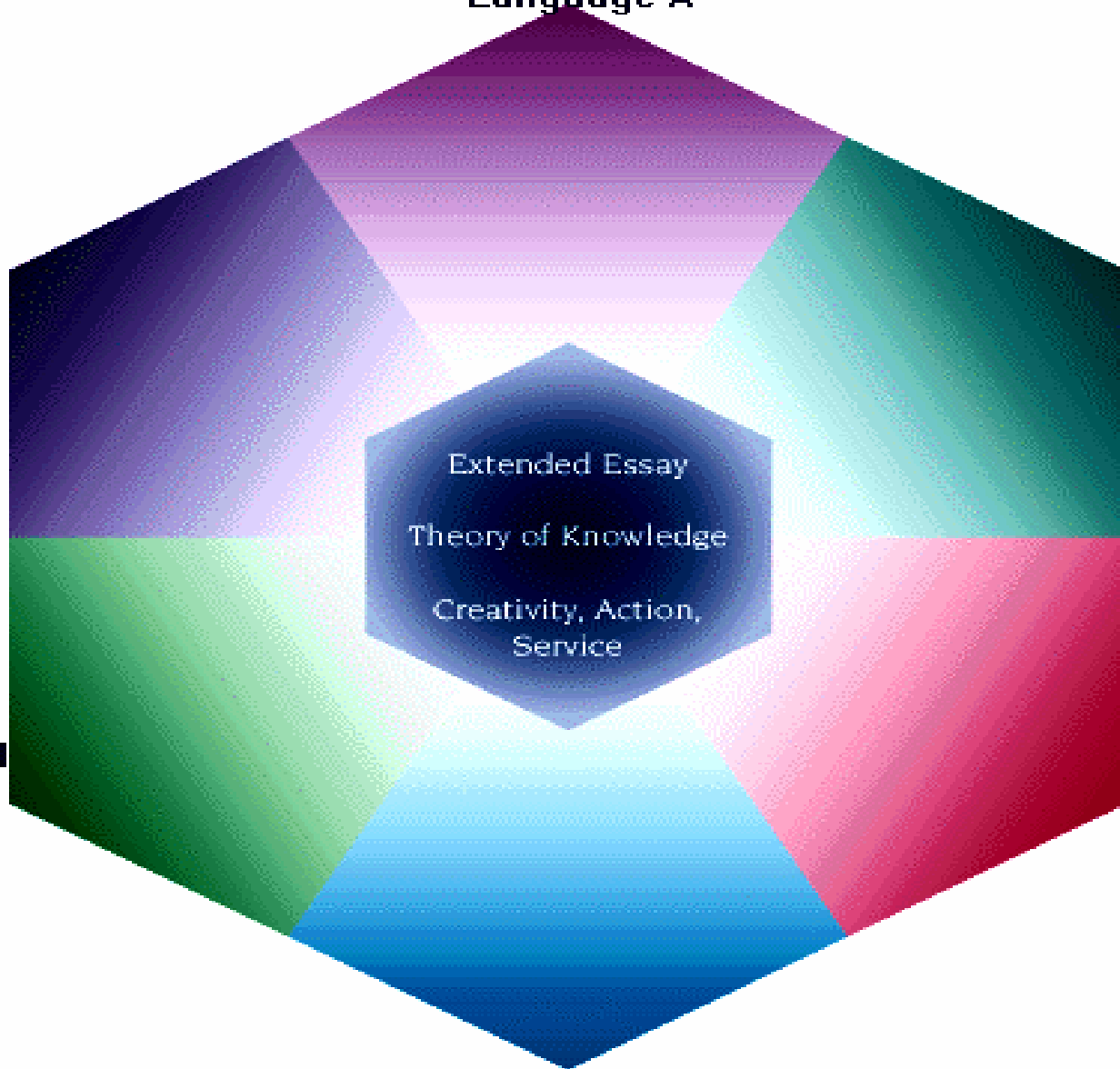
**Group 3:
Individuals
&
Societies**

Extended Essay
Theory of Knowledge
Creativity, Action,
Service

**Group 4:
Experimental
Sciences**

**Group 5:
Mathematics**

Group 6: Electives



IB Junior

IB Literature
HL/SL

IB History
HL/SL

IB Math
HL/SL

IB Science
HL/SL

IB World
Lang.
HL/SL

IB Elective
HL/SL

Elec TOK

Best 11

Junior

World
Studies

World
Studies

Math

Best 11

Elective

Elective

Elective

Elective

IB Courses:

- 3HL
- 3SL

IB Senior

Senior

IB Literature
HL/SL

Sr.Sem

Engl

IB History
HL/SL

Elective

IB Math
HL/SL

Elective

IB Science
HL/SL

Elective

IB World
Lang.
HL/SL

Elective

IB Elective
HL/SL

Elective

TOK

Elec

Elective

Elective

Elective

Theory of Knowledge

A dynamic, interdisciplinary course which challenges students and teachers to reflect critically on diverse ways of knowing and areas of knowledge.

The Extended Essay

A formal investigative paper of 4,000 words (approximately 15 pages) whose topic is self-selected and challenges students with college-level independent research and essential writing skills.

C.A.S. Program

Each diploma candidate must complete 150 Creativity, Action and Service hours.

The services may be rendered individually or in groups.

Student Performance Assessment

- Guides professional development, informs instruction, and leads to changes in teaching strategies and improvements in student learning
- Internal (school-based) and External (IBO-based) assessments incorporate more meaningful and rigorous evaluation over a two-year period
 - ✚ Oral presentations & written and oral commentaries
 - ✚ Demonstrations & recorded performances
 - ✚ Extended investigations
 - ✚ Research & essays
 - ✚ Portfolios & applied projects

Professional Development

- Comprehensive training with an interdisciplinary focus
- International Perspective
- Provides a challenging professional development process that includes: external feedback on teaching practices and external feedback on student work over time that emphasizes individual growth
- Provides access to best teaching practices from a global perspective

College Credit and Standing

The colleges listed here are the schools most applied to by
Bow High School students in 2007

College	IB score	Credit	Adv. Standing	Cost
•UNH	5,6,7 HL	8 per exam	Grad. in 6 semesters	\$19,110
•Boston Univ.	5,6,7 HL	8 per exam	Grad. in 6 semesters	\$35,418
•UVM	5,6,7 HL	varies per exam	Grad. in 6 semesters	\$35,960
•Boston Col.	6,7 HL	3 or 6 per exam	2 nd year courses	\$46,730
•Northeastern	5,6,7 HL	2 courses/exam	Grad. in 6 semesters	\$43,330
•Ithaca Col.	5,6,7 HL	up to 6 credits/exam	2 nd year courses	\$39,400
•St. Michael's	5,6,7 HL	up to 6 credits/exam	Grad. in 6 semesters	\$37,500
•Tufts Univ.	5,6,7 HL	up to 8 credits/exam	Grad. In 6 semesters	\$46,860
•Quinnipiac	4,5,6,7 HL	course credit/exam	2 nd year courses	\$39,920

IB Diploma Recipients:

Endicott College

32 Credit earned for IB Diploma

Colby College

One year course credit

Franklin Pierce

One year credit

SUNY Cortland

30 hours of credit

St. Michael's

One year credit

Sample University Acceptance Rates for IB Students:

<u>School</u>	<u>All Apps.</u>	<u>IB Diploma Apps.</u>
New York University	29%	76%
Cornell University	27%	70%
Dartmouth	23%	60%
Tufts	23%	52%
MIT	17%	26%
Air Force Academy	12%	68%
Naval Academy	12%	45%
Princeton	11%	14%
John Hopkins	33%	83%

Steps to Implementation

- WHO is involved?
- Training for 17 BHS Faculty Members:
Teachers, Counselors, Deans/Admin., Library
- Identify & Support IB/CAS Coordinator
- Ongoing training throughout 07/08 school year
will involve additional faculty members
in six IB subject areas

Steps to Implementation

- What Must Be Done?
- Application A (due 03/08)
- Application B (due 06/08)
- Review, revise, and submit Curriculum Syllabi; Complete by June 2008
- Ongoing training and site visits
- BHS Site Visit Fall 2008
- Implement Fall 2009



Challenge is to provide educational excellence in every classroom. The professional development provided helps all teachers reach the same level of rigor and provides feedback to teachers on their level of rigor. While providing reflection to teachers about their level of rigor the IB program also offers support in the area of training and through collaboration with other teachers around the world through the OCC.

Beyond Your Comfortable Limits

- Students are grounded in a knowledge about their own culture(s) and knowledge base.
- Students become aware of the ways of knowing – Emotion, Reason, Perception, and Language.

MISSION

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.

IB Diploma Requirements:

There are four main requirements for the IB Diploma:

- Six Academic Subjects:
Higher Level & Standard Level
- The Extended Essay
- Theory of Knowledge Course
- CAS - Creativity, Action and Service

C

- **CREATIVITY:** Includes the Arts and other creative activities.

A

- **ACTION:** Participation in expeditions, team and individual sports and physical training.

S

- **SERVICE:** Represents community or social service activities

Breaking Ranks...

“The high school of the 21st Century must be much more student-centered and above all much more personalized in programs, support services and intellectual rigor.”

College Admission

- Add information here about colleges and benefits earned through IB

Assessment

- All students are assessed on a variety of samples of work over a two year period.
- All students sit for exams that are written
- One of the goals of assessment is for the student, teacher and outside source to aligned in their assessment.
- The assessments themselves act as a tool to coming to know oneself and becoming a life long learner.

Bang for the Buck...

- Yearly \$9000
 - Access to Online Curriculum Center
 - Access to ongoing assessments of student work through the Junior and Senior years
 - Access to the process of alignment of student/teacher/external assessments
 - Access to IB North America staff as a resource.
- Professional Development \$35,000
 - Training for faculty and staff. Ongoing and provides a pool of teachers trained to implement the program that is ongoing.
 - Training at an international level.
- Testing cost \$700/student
 - Cost for assessing student exams at the end of the diploma programme.
- Coordinator:
 - Onsite person to administer the Diploma Programme.