

Introduction to AP/IB for Grade 10

Teresa Hjellming, Coordinator

February 18, 2015

Tonight's Goal: You will come away with a better understanding of what the AP/IB programs and options are, as well as what is required to register for and earn the full IB Diploma.

- CAC HS 2015-16 Registration Events
- Feb 18 - Grade Level Assemblies, Program of Studies online
 - Mar 2 - students get registration forms
 - Mar 17 - registration forms due
 - Mar 31 - full IB Diploma meeting with Ms. Hjellming, counselor, student, parent(s)

Advanced Placement (AP)

- universities determine whether they will accept AP for credit or subject level placement (based on your score)
- no US university requires it for admission or acceptance (it's competitive entry)
- students that are not in or AP course can take the exam



Earning the IB Diploma

- 14-15 points earned
- at least 12 points in HL subjects
- at least 8 points in SL subjects
- no grade of 1
- all 6 required completed
- student has profile
- meeting CAC learning outcomes

Award about:

- Honor for students
- Parents love it too

International Baccalaureate (IB)

- students can do individual courses but full DP recommended (not easiest or impossible)
- cannot take IB exams without taking IB courses
- universities decide if IB will be accepted for credit or subject level placement
- subject selection and predicted scores may be used for admission decisions in Europe, some Canada (U.S. for subject level placement)
- examiners and moderators world wide



Building a Diploma Program

- 12 courses
- 4 HL courses
- 8 SL courses
- 1000 hours of instruction
- 3000 hours of independent study
- 1500 hours of independent study
- 1500 hours of independent study

Working Assessment

- 1500 hours of independent study
- 1500 hours of independent study
- 1500 hours of independent study

What's next?


Advanced IB diploma or diploma course available in Europe and the Americas, generally with computer science courses to create the Diploma Programme in the Community of IB.

Check the following:

- IB Diploma Programme or Diploma Course
- IB Diploma Programme or Diploma Course
- IB Diploma Programme or Diploma Course
- IB Diploma Programme or Diploma Course
- IB Diploma Programme or Diploma Course

Choose wisely!

IB Diploma Programme or Diploma Course available in Europe and the Americas, generally with computer science courses to create the Diploma Programme in the Community of IB.



Subject	Grade	Hours	Points
Mathematics	HL	240	7
Mathematics	SL	240	4
Science	HL	240	7
Science	SL	240	4
Language A	HL	240	7
Language A	SL	240	4
Language B	HL	240	7
Language B	SL	240	4
History	HL	240	7
History	SL	240	4
Arts	HL	240	7
Arts	SL	240	4
Physical Education	HL	240	7
Physical Education	SL	240	4
Computer Science	HL	240	7
Computer Science	SL	240	4

Introduction to AP/IB for Grade 10

Teresa Hjellming, Coordinator

February 18, 2015



Tonight's Goal: You will come away with a better understanding of what the AP/IB programs and options are, as well as what is required to register for and earn the full IB Diploma.

CAC HS 2015-16 Registration Events

- Feb 18 - Grade Level Assemblies, Program of Studies online
- Mar 2 - students get registration forms
- **Mar 17 - registration forms due!**
- Mar 3-21 - full IB Diploma meeting with Ms. Hjellming, counselor, student, parent(s)

Advanced Placement (AP)

- universities determine whether they will accept AP for credit or subject level placement (should this be a factor?)
- no US university requires it for admission or application; UK expectation varies
- students not enrolled in an AP course can take the exam

AP Course Offerings at CAC

AP Literature and Composition
AP Statistics
AP Studio Art: 2D Design Portfolio
AP United States History

Potential IB-AP Alignment for Highly Motivated,

Successful Students:

- IB Biology HL with AP Biology
- IB Chemistry HL with AP Chemistry
- IB Economics HL with AP Micro and Macro Economics
- IB Math SL II or HL with AP Calculus AB
- IB Physics HL with AP Physics

Scoring - Assessment

- single score of 1-5 (3 is 'passing'); universities may expect 4 or 5
- many subjects have a single, lengthy exam (3-4 hours in one sitting)
- exams have multiple choice and free response components
- February deadline for accommodations requests - authorizations for PSAT, SAT also apply to AP

Scoring - Assessment

- single score of 1-5 (3 is 'passing'); universities may expect 4 or 5
- many subjects have a single, lengthy exam (3-4 hours in one sitting)
- exams have multiple choice and free response components
- February deadline for accommodations requests - authorizations for PSAT, SAT also apply to AP

AP Course Offerings at CAC

AP Literature and Composition

AP Statistics

AP Studio Art: 2D Design Portfolio

AP United States History

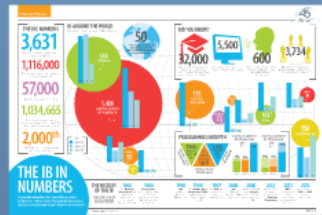
**Potential IB-AP Alignment for Highly Motivated,
Successful Students:**

- **IB Biology HL with AP Biology**
- **IB Chemistry HL with AP Chemistry**
- **IB Economics HL with AP Micro and Macro Economics**
- **IB Math SL II or HL with AP Calculus AB**
- **IB Physics HL with AP Physics**

International Baccalaureate (IB)

- students can do individual courses but full DP recommended (not elitist or impossible)
- cannot take IB exams without taking IB courses
- universities decide if IB will be accepted for credit or subject level placement
- subject selection and predicted scores may be used for admissions decision in Europe, some Canada (U.S. for subject level placement)
- examiners and moderators world wide





IB Course Options at CAC - all offered at SL or HL unless specified otherwise

Group 1: Arabic A: Language & Literature SL/HL, English A: Literature, Self Taught A: Literature SL

Group 2: Language B: Arabic, French, Spanish; Language Ab Initio: SL Arabic, French, Spanish

Group 3: Economics, History HL

Group 4: Biology, Chemistry, Design Technology, Physics

Group 5: Math Studies SL, Mathematics

Group 6: Theater, Visual Arts

Building a Diploma Program

- 6 subjects: 3 Higher Level ("HL"), 3 Standard Level ("SL"); a 4-2 combo rare, unnecessary
- Theory of Knowledge ("TOK") a taught course
- Extended Essay ("EE"): 40 hours of independent research, writing
- Creativity, Activity, Service ("CAS"): 3-4 hours/week working toward set learning outcomes

Scoring - Assessments

- most subjects taken over two years (a requirement for HL)
- "anticipating" a subject - SL only, not common
- variety of assessments within each subject, completed over the two years - internal ("IA") vs. external assessments
- most subjects have May examinations (2-3 papers)
- multiple choice only in IB Science Paper 1
- points per subject: 1-7
- three additional points possible through EE and TOK results

THE BIG NUMBERS

3,631

Schools the IB currently works with around the world*

1,116,000

The number of students with access to the four IB programmes

57,000

Teachers trained by the IB in 2012

1,034,665

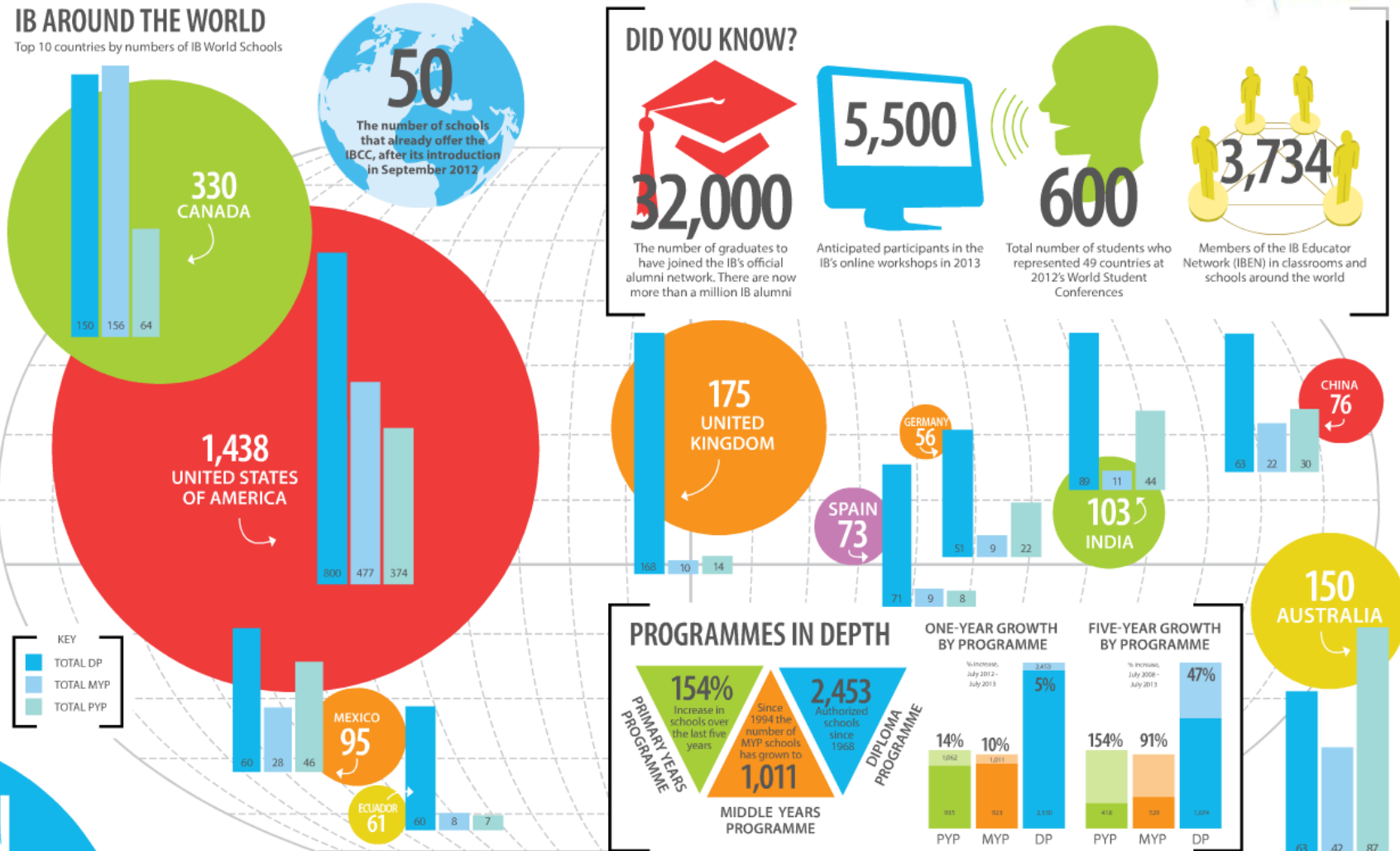
The number of student scripts submitted for examination in 2012 - 79 percent were marked electronically

2,000th

IB World School in the Americas was authorized in April 2012

IB AROUND THE WORLD

Top 10 countries by numbers of IB World Schools



DID YOU KNOW?

32,000

The number of graduates to have joined the IB's official alumni network. There are now more than a million IB alumni

5,500

Anticipated participants in the IB's online workshops in 2013

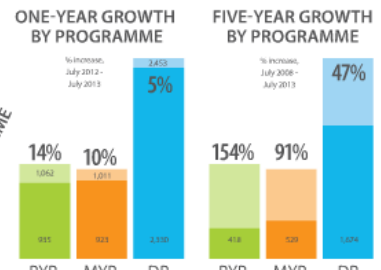
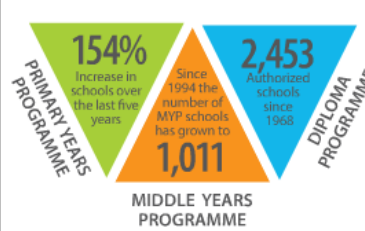
600

Total number of students who represented 49 countries at 2012's World Student Conferences

3,734

Members of the IB Educator Network (IBEN) in classrooms and schools around the world

PROGRAMMES IN DEPTH



THE IB IN NUMBERS

It provides education for more than a million students in 146 countries. How did the IB come so far from humble beginnings? It's all in the numbers...

THE HISTORY OF THE IB

Where the IB started and how it has developed over the last 45 years

1968
The Diploma Programme was created by teachers at the International School of Geneva

1980
Recognition From the early 1980s, the Diploma Programme has been accepted by major universities

1990
283 IB World Schools in 53 countries

1994
The Middle Years Programme (MYP) was created for students aged 11 to 16

1997
The PYP was created for students aged 3 to 12

2000
946 IB World Schools in 100 countries

2008
28 October 2008 marks 40 years since the official founding of the IB in 1968

2012
Authorization of 2,000th school to offer the Diploma Programme

2013
IBCC programme goes mainstream after successful 2011 pilot

2013
One thousandth PYP and MYP schools authorized

*All figures correct as at 31 July 2013



IB learner profile

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 and more peaceful world.

As IB learners we strive to be:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.

10 Reasons

why the IB Diploma Programme (DP) is ideal preparation for university

- 

1 It increases academic opportunity

Research* shows that DP graduates are much more likely to be enrolled at top higher education institutions than entrants holding other qualifications.
- 

2 IB students care about more than just results

Through creativity, action, service (CAS) you learn outside the classroom and develop emotionally and ethically as well as intellectually.
- 

3 It encourages you to become a confident and independent learner

For example, the extended essay requires independent research through an in-depth study.
- 

4 It's an international qualification

The DP is recognized globally by universities and employers.
- 

5 Graduates are globally minded

Language classes encourage an international mindset, key for increasingly globalized societies.
- 

6 The IB encourages critical thinking

Learn how to analyse and evaluate issues, generate ideas and consider new perspectives.
- 

7 DP students have proven time management skills

Take good study habits and strong time management to further education and the working world.
- 

8 It assesses more than examination techniques

Learn to understand, not just memorize facts or topics and prepare for exams.
- 

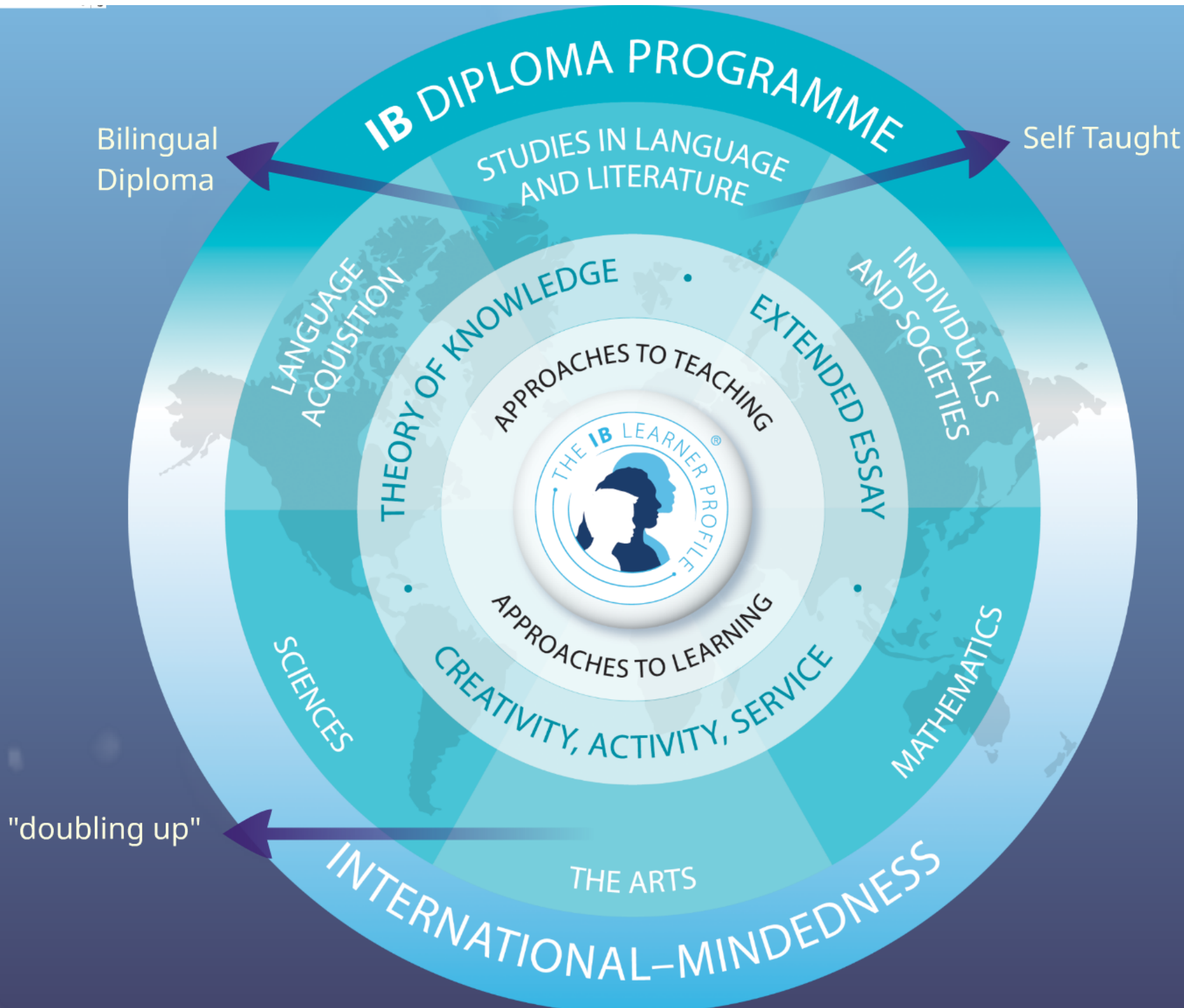
9 Subjects are not taught in isolation

Theory of knowledge (TOK) classes encourage you to make connections between subjects.
- 

10 It encourages breadth and depth of learning

You are able to choose courses from six subject groups and study subjects at different levels.





Building a Diploma Program

- 6 subjects: 3 Higher Level ("HL"), 3 Standard Level ("SL"); a 4-2 combo rare, unnecessary
- Theory of Knowledge ("TOK") a taught course
- Extended Essay ("EE"): 40 hours of independent research, writing
- Creativity, Activity, Service ("CAS"): 3-4 hours/week working toward set learning outcomes

Scoring - Assessments

- most subjects taken over two years (a requirement for HL)
- "anticipating" a subject - SL only, not common
- variety of assessments within each subject, completed over the two years - internal ("IA") vs. external assessments
- most subjects have May examinations (2-3 papers)
- multiple choice only in IB Science Paper 1
- points per subject: 1-7
- three additional points possible through EE and TOK results

Earning the IB Diploma

- 24-45 points earned
- at least 12 points in HL subjects
- at least 9 points in SL subjects
- no score of 1
- all components completed
- passing TOK and EE
- meeting CAS learning outcomes

A word about:

- transfer students
- Pamoja (online IB)

IB Course Options at CAC
- all offered at SL or HL
unless specified otherwise

Group 1: Arabic A Language & Literature
SL/HL, English A: Literature, Self Taught
A: Literature SL

Group 2: Language B Arabic, French
Spanish; Language Ab Initio SL Arabic,
French, Spanish

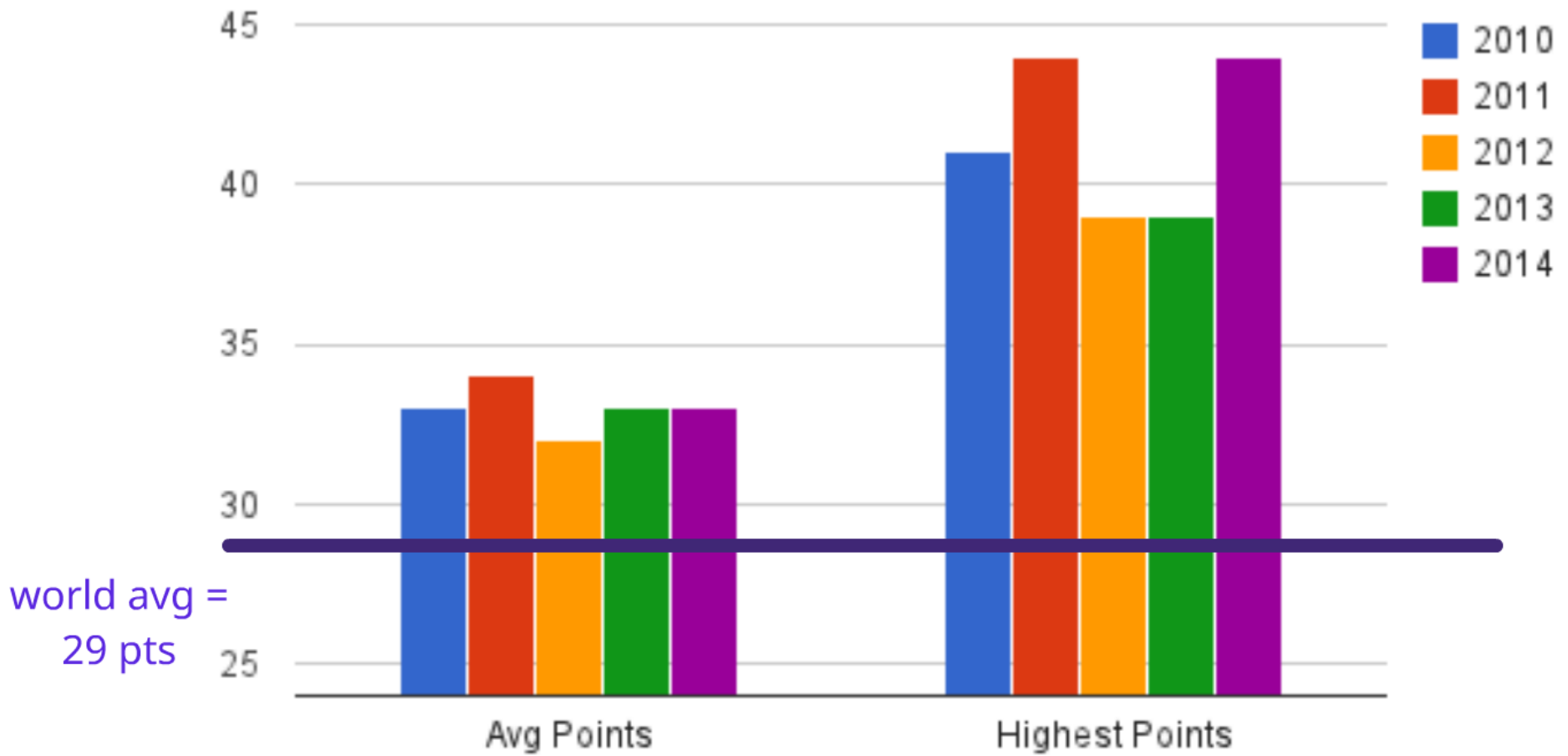
Group 3: Economics, History HL

Group 4: Biology, Chemistry, Design
Technology, Physics

Group 5: Math Studies SL, Mathematics

Group 6: Theater, Visual Arts

5-YEAR IB DIPLOMA RESULTS



American Universities	Canadian Universities	European Universities
<p>Application requirements</p> <ul style="list-style-type: none"> • High school transcript • GPA • SAT/ACT results (in some cases) • Essays • Letters of recommendation 	<p>Application requirements</p> <ul style="list-style-type: none"> • IB predicted grades (IB preferred but <i>not</i> required) • High school transcript • SAT/ACT results • Essays (in some cases) • Letters of recommendation (in some cases) 	<p>Application requirements</p> <ul style="list-style-type: none"> • IB predicted grades • Personal statement • References
<p>Entry requirements:</p> <ul style="list-style-type: none"> • High School Diploma • SAT/ACT results 	<p>Entry requirements:</p> <ul style="list-style-type: none"> • High School Diploma • IB Diploma (in some cases) • SAT/ACT results 	<p>Entry requirements:</p> <ul style="list-style-type: none"> • IB Diploma (Points) • Taking some AP/IB courses (Typical entry to a foundation year)
<p>Unconditional offer</p>	<p>Unconditional offer</p>	<p>Conditional offer</p>

Choose wisely!

- know academic strengths, areas for growth
- understand that 6s and 7s are not average marks but that a range of marks can earn the IB Diploma
- be attentive to prerequisites and teacher recommendations
- understand that changes to choices after the registration window may jeopardize your Diploma - or lead to changing your courses to ones less desirable to you. Commit to what you register for NOW and NOT thinking "it can be changed later"
- know potential university requirements, especially if considering highly competitive schools in Europe
- be aware that predicted marks may be shared with universities that don't require the IB Diploma...they're starting to ask about APs as well

What's next?

All potential IB Diploma candidates must schedule a meeting with Ms. Hjellming, parent(s), and counselor **BEFORE MARCH 19**. Contact Ms. Monica Alber in the Counseling Office to do so.

Before this meeting:

- read the Program of Studies online
- consult with your teachers - what are your options in their subject?
- consider your passions and interests - ultimately, you're the one who has to do the work
- if considering a selective university in the UK or elsewhere in Europe, do some research

Introduction to AP/IB for Grade 10

Teresa Hjellming, Coordinator

February 18, 2015

Tonight's Goal: You will come away with a better understanding of what the AP/IB programs and options are, as well as what is required to register for and earn the full IB Diploma.

- CAC HS 2015-16 Registration Events**
- Feb 18 - Grade Level Assemblies, Program of Studies online
 - Mar 2 - students get registration forms
 - Mar 17 - registration forms due
 - Mar 3-21 - full IB Diploma meeting with Ms. Hjellming, counselor, student, parent(s)

Advanced Placement (AP)

- universities determine whether they will accept AP for credit or subject level placement (based on your score)
- no US university requires it for admission or acceptance (it's a competitive bonus)
- students that are not in or AP course can take the exam



Earning the IB Diploma

- 4-6 points earned
- at least 12 points in HL subjects
- at least 8 points in SL subjects
- no grade of 1
- all 6 required completed
- student's final grade
- meeting CAC learning outcomes

Award about:

- honor for students
- money (over \$1k)

International Baccalaureate (IB)

- students can do individual courses but full DIP recommended (not easiest or impossible)
- cannot take IB exams without taking IB courses
- universities decide if IB will be accepted for credit or subject level placement
- subject selection and predicted scores may be used for administrative decisions in Europe, some Canada (U.S. for subject level placement)
- examiners and moderators world wide






Building a Diploma Program

- 12 courses
- 4 HL courses
- 8 SL courses
- 30 hours of independent study
- 120 hours of classroom instruction
- 1500 hours of total learning

Working Assessment

- 100% of the program is assessed
- 75% of the program is assessed
- 50% of the program is assessed
- 25% of the program is assessed



AP/IB Statistics	Grade 10/11	Grade 12/13	Grade 14/15
Number of students	120	150	180
Number of courses	15	20	25
Number of exams	10	15	20
Number of diplomas	5	10	15

What's next?

AP/IB/IB Diploma is a rigorous course of study that requires a high level of commitment and hard work. It is a challenge, but it is also a great opportunity to earn college credit and stand out in the competitive world of higher education.

Check the following:

- Read the Program of Studies online
- Complete your course selection
- Complete your subject selection
- Complete your independent study selection
- Complete your assessment selection
- Complete your assessment selection
- Complete your assessment selection

Choose wisely!

AP/IB/IB Diploma is a rigorous course of study that requires a high level of commitment and hard work. It is a challenge, but it is also a great opportunity to earn college credit and stand out in the competitive world of higher education.