



Grade 10

IB Information Evening

Class of 2016



Philip Rogers
HS Dean of Academics

My role tonight “..is not to make up anybody’s mind, but to open minds and to make the agony of decision-making so intense you can escape only by thinking.” – *Fred Friendly, broadcaster*

“All thinking begins with wonder.” -- Socrates

Preparing ISB students for future

According to the US Department of Labour,

- 65% of today's HS school kids will end up at a job that hasn't been invented yet.

Framework for 21st Century Learning*

- critical thinking
- problem solving
- communication
- collaboration

The Past or the Future?

“We went to school. We were not taught how to think; we were taught to reproduce what past thinkers thought....

...Instead of being taught to look for possibilities, we were taught to exclude them. It's as if we entered school as a question mark..... ...and graduated as a period.”

-- Michael Michalko, *Creative Thinking*, 2011, p. 3

“Do they know how to ask good questions?”

-- Tony Wagner, *The Global Achievement Gap*, 2008

ISB Vision, Mission & Definition of Learning



OUR VISION

To be a model of excellence in educating students for success in the world community

OUR MISSION

Through outstanding teaching in a nurturing environment, ISB inspires students to:

- Achieve their academic potential
- Be passionate, reflective learners
- Become caring, global citizens
- Lead healthy, active, balanced lives

OUR DEFINITION OF LEARNING

ISB values meaningful and transferable learning where we construct understanding by developing and applying knowledge, skills and attitudes. As learners, we develop and show our understanding when we:

- Apply our learning to new situations
- Inquire to extend our learning
- Create solutions
- Communicate our learning effectively
- Make connections across our learning
- Reflect critically on our learning



ISB Mission

- ✓ Achieve their academic potential
 - ✓ Be passionate reflective learners
 - ✓ Become caring global citizens
 - ✓ Live healthy, active, balanced lives
- 99% ISB students want to move onto University

Preparation for university **OR** success at university and in life

Long term perspective vs short term view

ISB Graduation Requirements

Subject	Credits
English	4.0
Mathematics	3.0
Science	3.0
Social Science	3.0
PE & Health	2.5
Fine Arts	1.0
Electives	8.5
ToK or WoK/TSEA	1.0
Community Service	
TOTAL	25.0



Broadening Horizons Opening Doors

- ✓ Communication & Collaboration
- ✓ Authentic Contexts
- ✓ Learning to Learn
- ✓ Challenge
- ✓ Voice and Choice

BROADENING HORIZONS, OPENING DOORS

ISB 2013 - 14

OUR GUIDING PRINCIPLES

ISB will be a forward-looking, innovative school, that explores new research based approaches to improving learning.

Student learning experiences will be based on thinking, inquiry, understanding, reflection, risk-taking, creativity, passion and innovation.

Student learning will involve greater individual choice with respect to course and program offerings, systems, content, assessment, delivery and learning style.

ISB will endeavour to develop a growth mindset, instilling a belief in our students that dedication, resilience and a positive attitude will bring success.

Students will experience appropriate levels of challenge based upon ability and interest in both school and after school programs.

eLearning will become a standard practice at ISB as we seek to provide more learning options for students and to prepare students for a world where the use of online learning is growing exponentially.

Students will have greater opportunities to learn in authentic, real-world situations.

ISB will ensure the development of the "whole student", ensuring a rich balance of academic and co-curricular activities, a commitment to global citizenship, and a healthy lifestyle.

FROM TO PRINCIPLES PRACTICE

Voice and Choice

Challenge

Learning to Learn

Authentic Contexts

Collaboration and Communication

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OUR 2020 VISION

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“Change” is the future’s constant

- 2-4 careers
- 14- 18 employers before 40
- Regular professional development
- Upskilling and reskilling
- Obsolete knowledge within 2 years
- Questions are more important than Answers
- Increased competition for jobs
- New technology replacing previously human roles
- Global mobility and technological connectivity



So what exactly is the International Baccalaureate?

“... The International Baccalaureate (IB) is a not-for-profit foundation, motivated by its mission to create a better world through education”



*...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**...*



*...Our 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....*

International Baccalaureate Organization (IBO)

- ✓ Established 1960s by group of international schools and two US private schools for expatriate students to gain an internationally recognized secondary education

- ✓ Four different programs – PYP, MYP, CC, DP
 - ✓ 3 500 IB World Schools in 143 countries
 - ✓ Over 1 000 000 IB students worldwide
 - ✓ 2020 Vision - 10 000 schools
 - ✓ Largest concentration of schools - USA



5 IT CULTIVATES AN INTERNATIONAL MINDSET



An international mindset is a key 21st century learning skill. Second language learning—an IB requirement—has been linked to higher achievement in school and university.

Why IB @ ISB?

- ✓ Strong synergy
 - ✓ vision, mission & DoL
- ✓ International student population
- ✓ Premier pre-university qualification
- ✓ Strong University recognition
- ✓ Challenges learners
- ✓ Reflective curriculum
- ✓ 2 year focus → greater understanding

IB Learner Profile

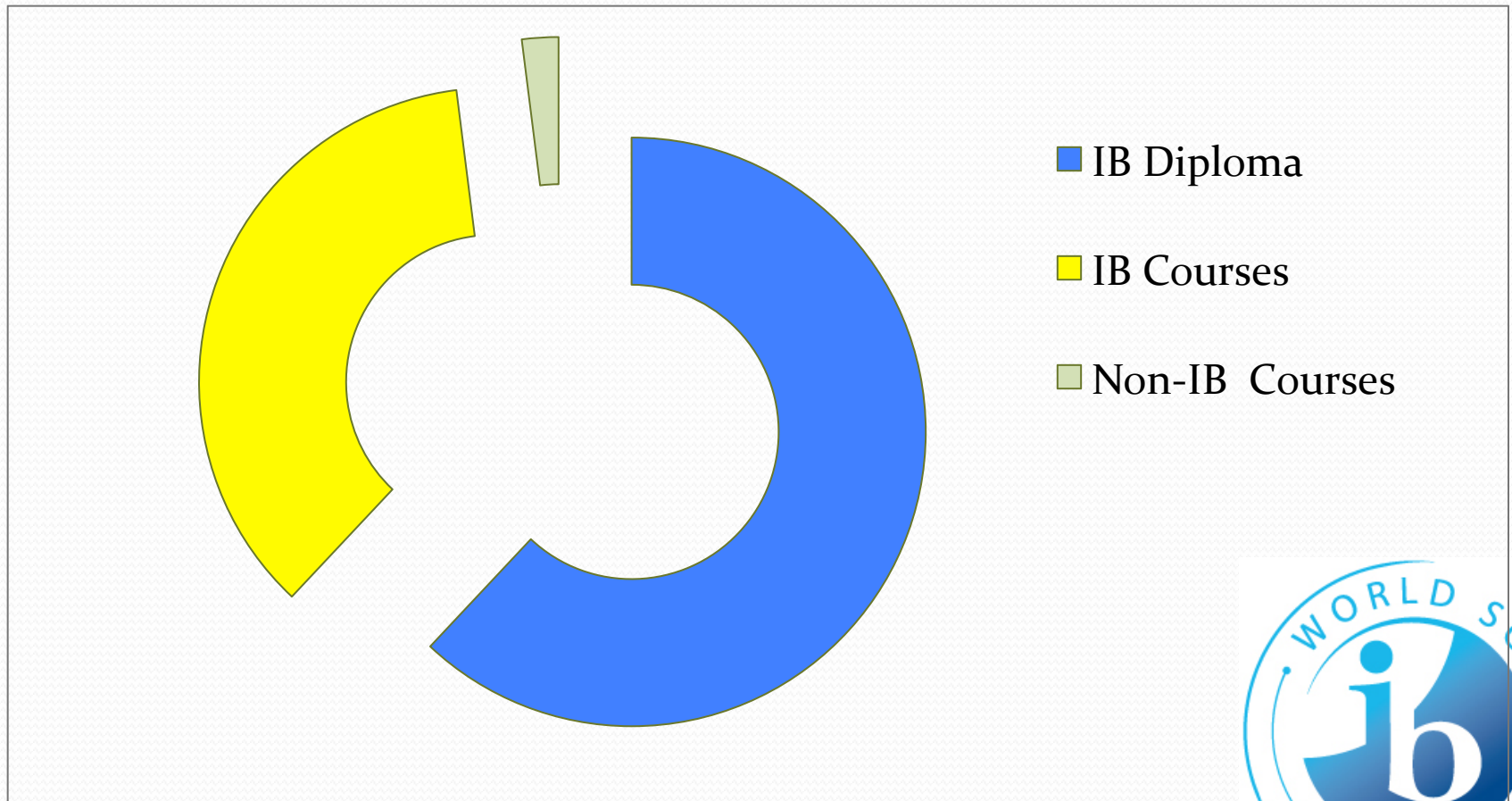


Grades 11 & 12 Opportunities

- ✓ **IB Diploma** (2 years)
- ✓ **IB Courses** (2 years)
- ✓ **Non-IB Courses** (1-2 years)



Current ISB Trends



IB @ ISB 2013

- ✓ Extensive Range of Courses
- ✓ Over 50 IB Courses offered
- ✓ New courses for 2013
 - ✓ Psychology HL
 - ✓ On-line learning – Film, ITGS
 - ✓ English B
- ✓ Experienced IB Faculty
- ✓ Knowledgeable Counselors
 - ✓ Strong university admissions

Over 30 years of IB @ ISB

Grades 11 & 12 Opportunities

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Broad Rigorous Assessment
Balanced
Inquiry
Reflection
Community Service
Flexible
Critical Thinking
Develops **Research** skills
Choice within structure
Pre-university



IB Diploma Structure

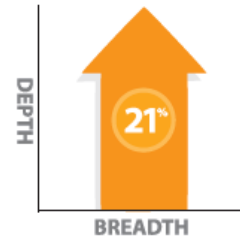
6 Subjects

3 Higher Level

3 Standard Level

1 IT OFFERS ACADEMIC BREADTH & DEPTH

IB Diploma Programme students are 21% more likely to be admitted into 10 of the most prestigious universities, including Harvard, Princeton, Yale and Stanford.



Core components

Theory of Knowledge

Extended Essay

Creativity, Action & Service

IB Diploma Program

- ✓ 2 500 IB Diploma schools
- ✓ 127 000 students in IB courses May'13
- ✓ Experiential learning
- ✓ University recognition
 - ✓ Over 2 500 universities in 200+ countries



IB Courses Structure

- ✓ Some IB courses (SL or HL or Core)
- ✓ Some non-IB Courses
 - Thailand SE Asia Course
 - Ways of Knowing Course
- ✓ Meet ISB Graduation requirements
- ✓ Average 3.5 IB Courses over 2 years

Non-IB Courses Structure

- ✓ All non-IB Courses
 - Thailand SE Asia Course
 - Ways of Knowing Course
- ✓ Meet ISB Graduation requirements
- ✓ First year IB course in Grade 12
- ✓ Course content is similar to IB courses
- ✓ All ISB assessment

Non-IB Courses

- ✓ Curriculums modeled on best practice
- ✓ Courses in all subject areas
- ✓ Availability in HS Program of Studies
- ✓ Typical courses

English 11	Creative Writing
Math Analysis	AP Statistics
Intro Economics	US History
TSEA	Ways of Knowing
Biology	Chemistry
Fine Art	Jazz Band
Team Concepts	Health
Journalism	Photo 3

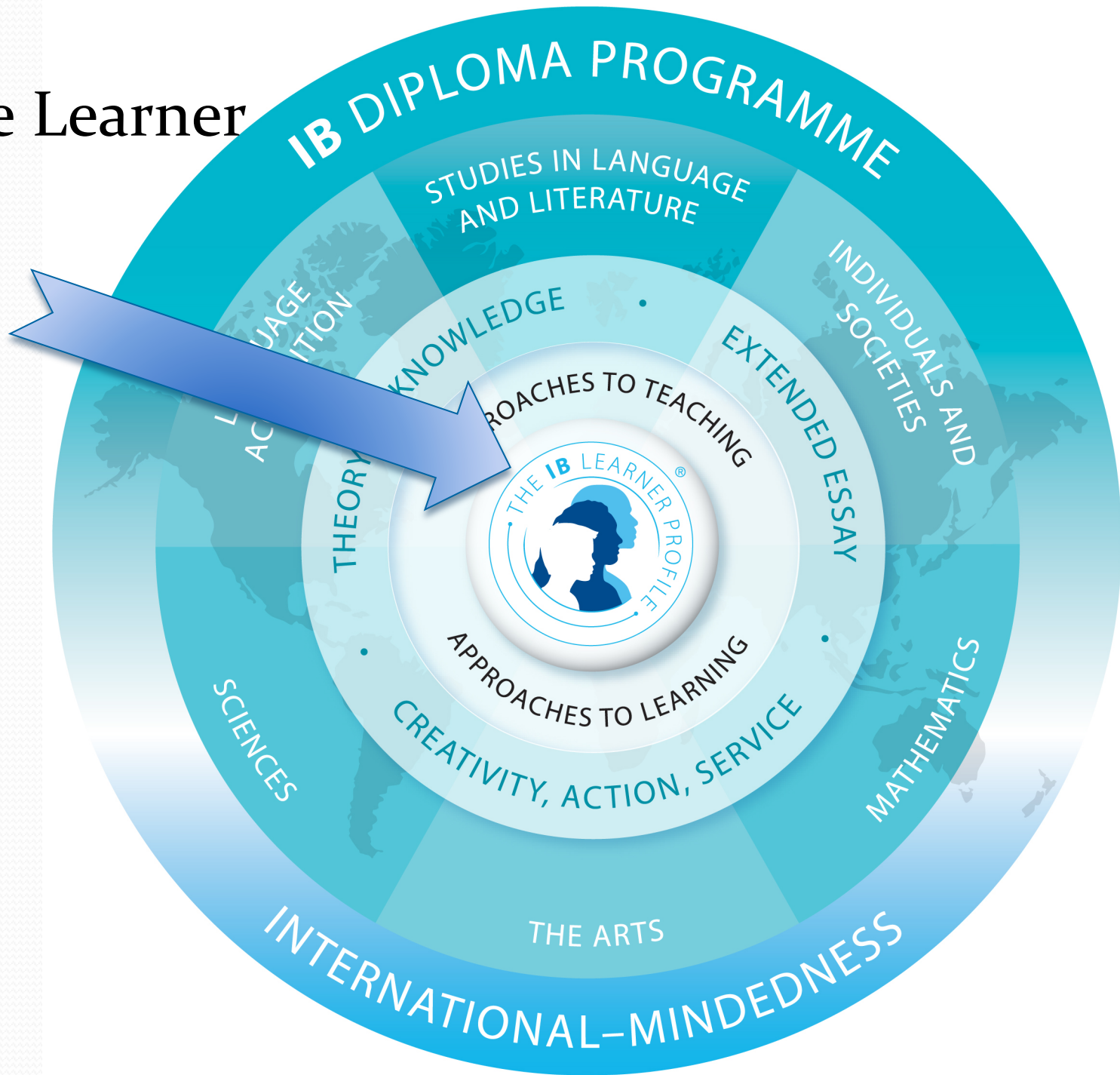
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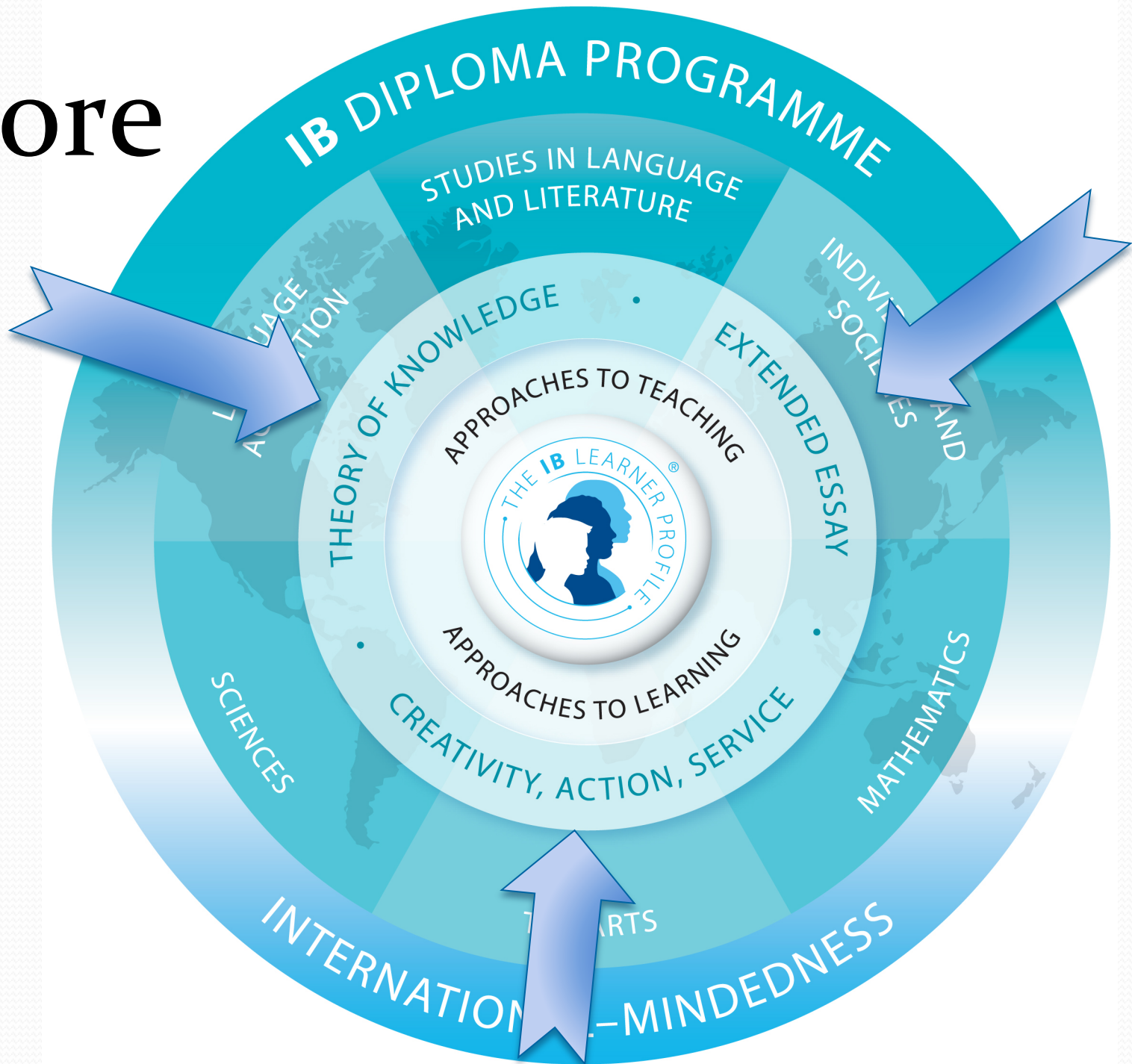




The Learner



Core



Core components

- ✓ Creativity, Action, Service – non-academic activities

2 COLLEGES VALUE STUDENTS WITH MEANINGFUL EXPERIENCES BEYOND THE CLASSROOM

Creativity, action, service (CAS) encourages learning through direct experience.



Core components

- ✓ Extended Essay – research, choice & independence

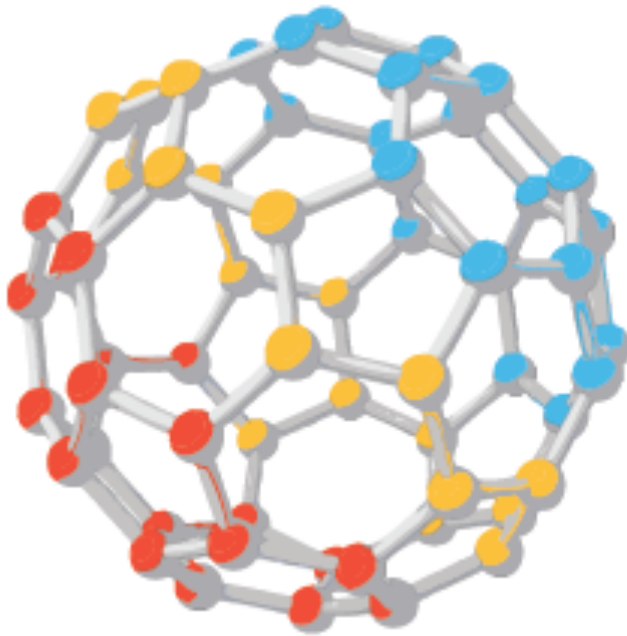


**4 IT CREATES
INDEPENDENT LEARNERS
& STRONG WRITERS**

The extended essay requires independent research through an in-depth study and a 4,000 word essay.

Core components

- ✓ Theory of Knowledge – critical thinking/reasoning

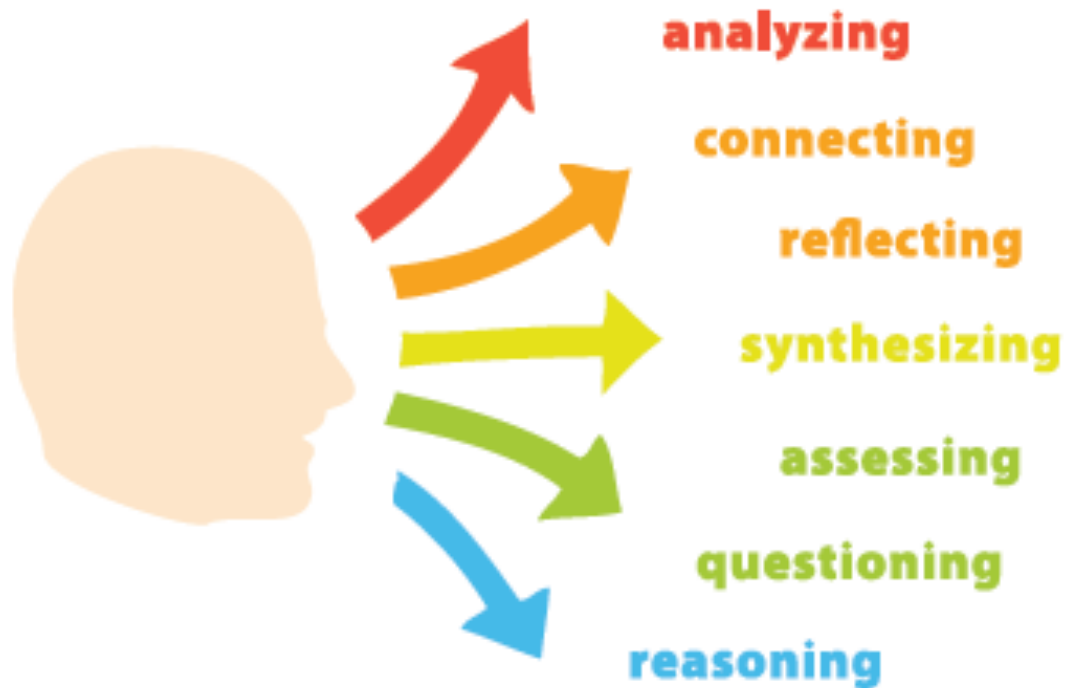


9 SUBJECTS AREN'T TAUGHT IN ISOLATION

Theory of knowledge classes encourage students to make connections between subjects and gain the skills they need to be critical thinkers.

8 THE IB ENCOURAGES CRITICAL THINKING

Inquisitiveness and interpretation are among the key cognitive properties of an IB education.



Group 1



Group 1

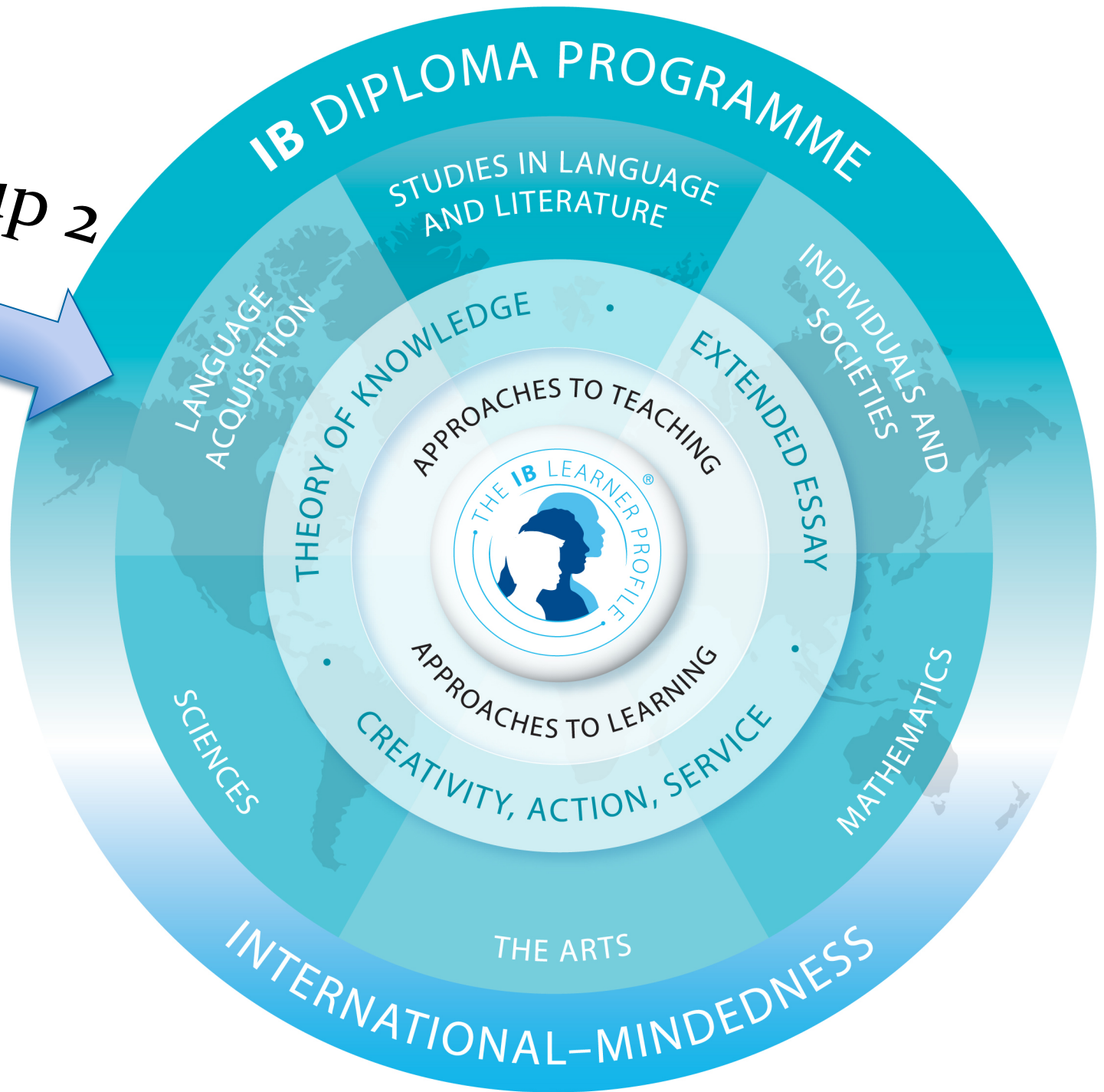
Studies in Language & Literature

- ✓ Language A - Language & Literature SL & HL
 - ✓ English
 - ✓ Thai
 - ✓ Japanese
 - ✓ Spanish
 - ✓ French
 - ✓ Mandarin

- ✓ Language A - Literature SL & HL
 - ✓ English

- ✓ Self taught or tutored languages SL & HL
 - ✓ Korean, Danish, Hebrew, Hindi, Swedish (over 50 languages)

Group 2



Group 2

Language Acquisition

- | | AB INITIO |
|----------------------|-------------------------|
| ✓ English B | |
| ✓ French B SL & HL | ✓ Spanish ab initio SL |
| ✓ Spanish B SL & HL | ✓ Mandarin ab initio SL |
| ✓ Mandarin B SL & HL | ✓ French ab initio SL |
| ✓ Japanese B SL & HL | |

NOTES

- Language B requires previous exposure to the language (3 – 5 years)
- Ab initio is for students with little or no previous exposure to the language



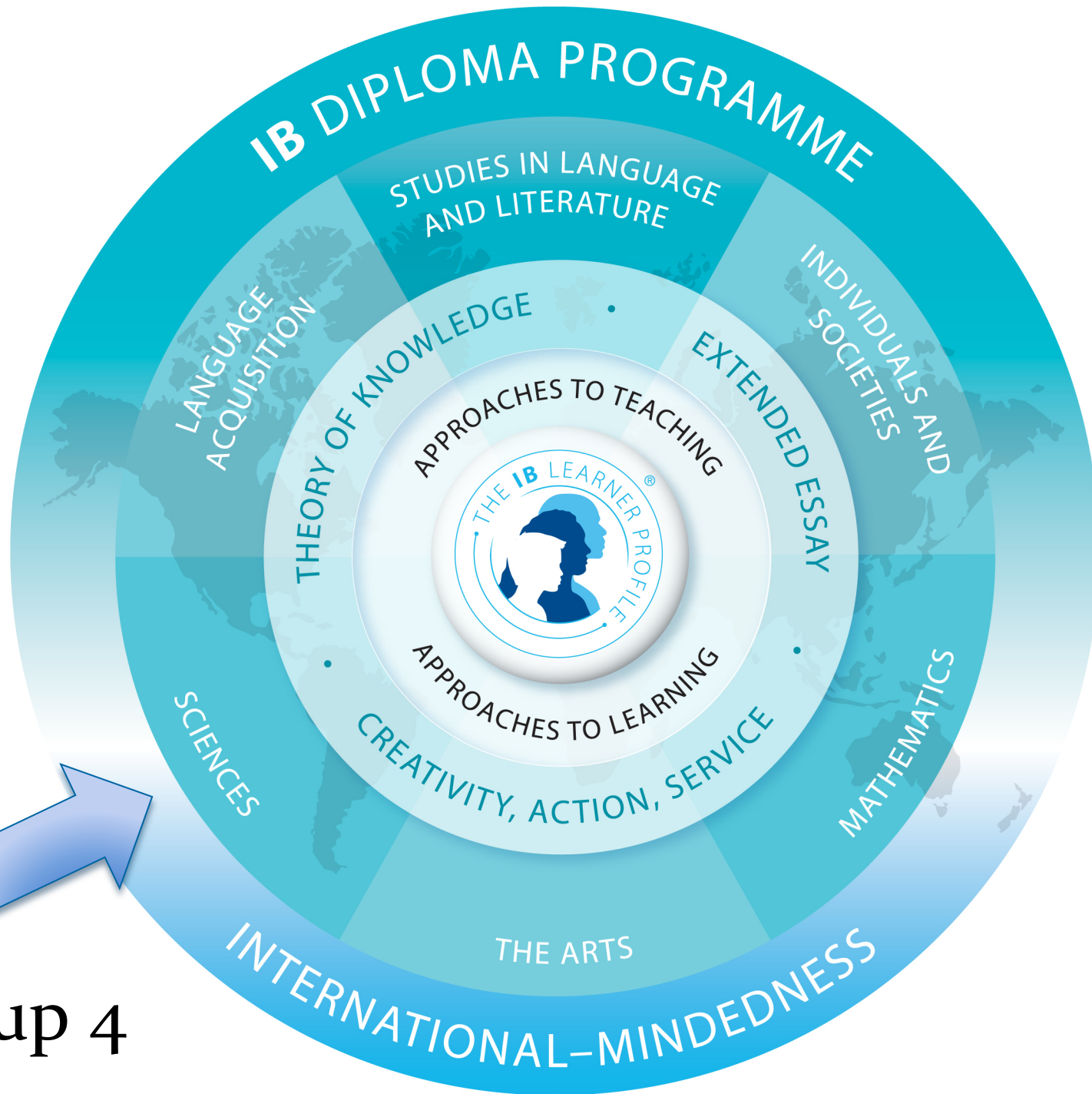
Group 3



Group 3

Individuals & Societies

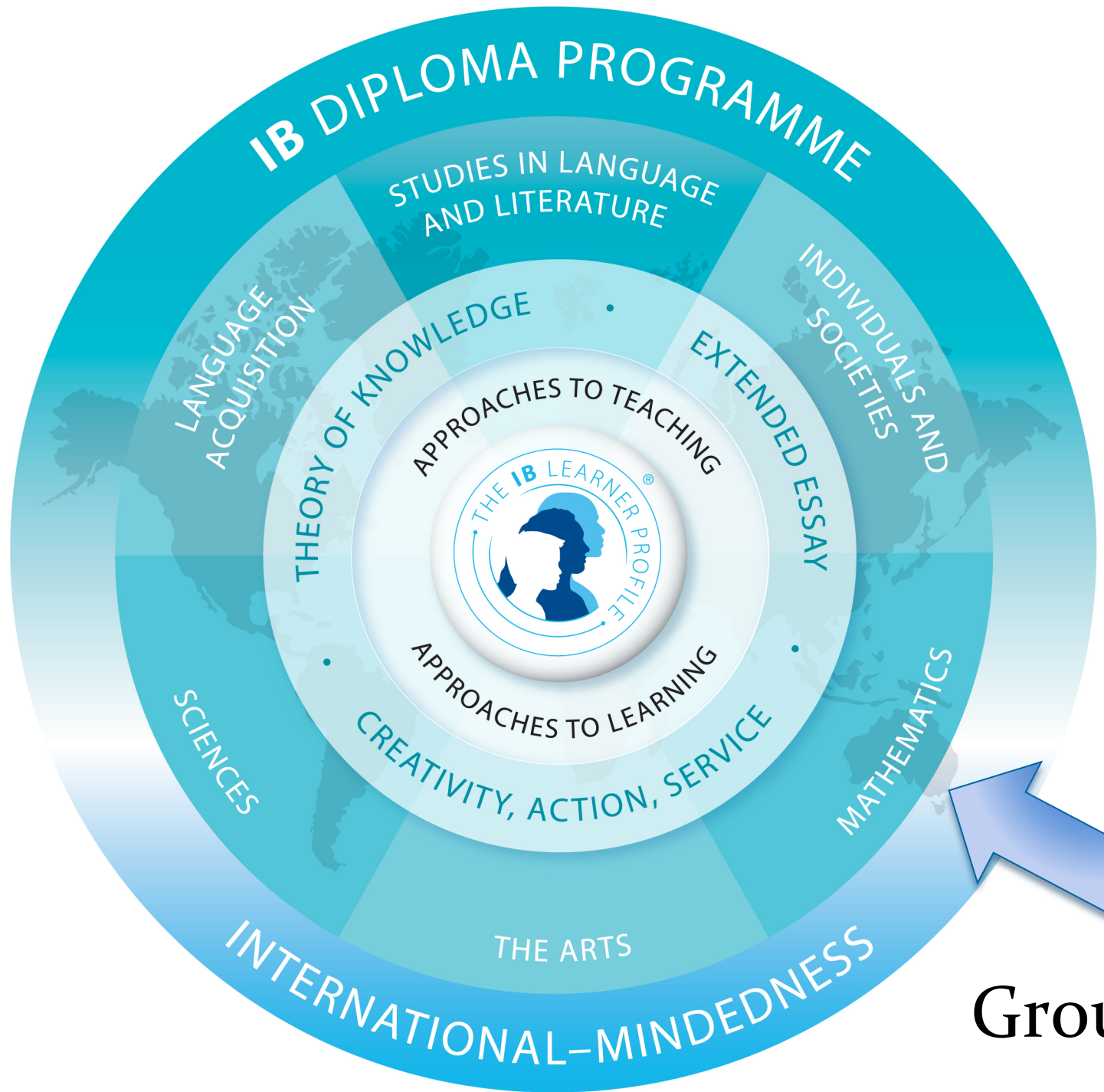
- ✓ Business & Management SL & HL
- ✓ Economics SL & HL
- ✓ History SL
- ✓ History HL - Asia/Oceania or Americas
- ✓ Geography SL & HL
- ✓ Psychology SL & *HL*
- ✓ Environmental Systems & Societies SL (Grp 3 or 4)
- ✓ Information Technology in a Global Society*



Group 4

Group 4 Sciences

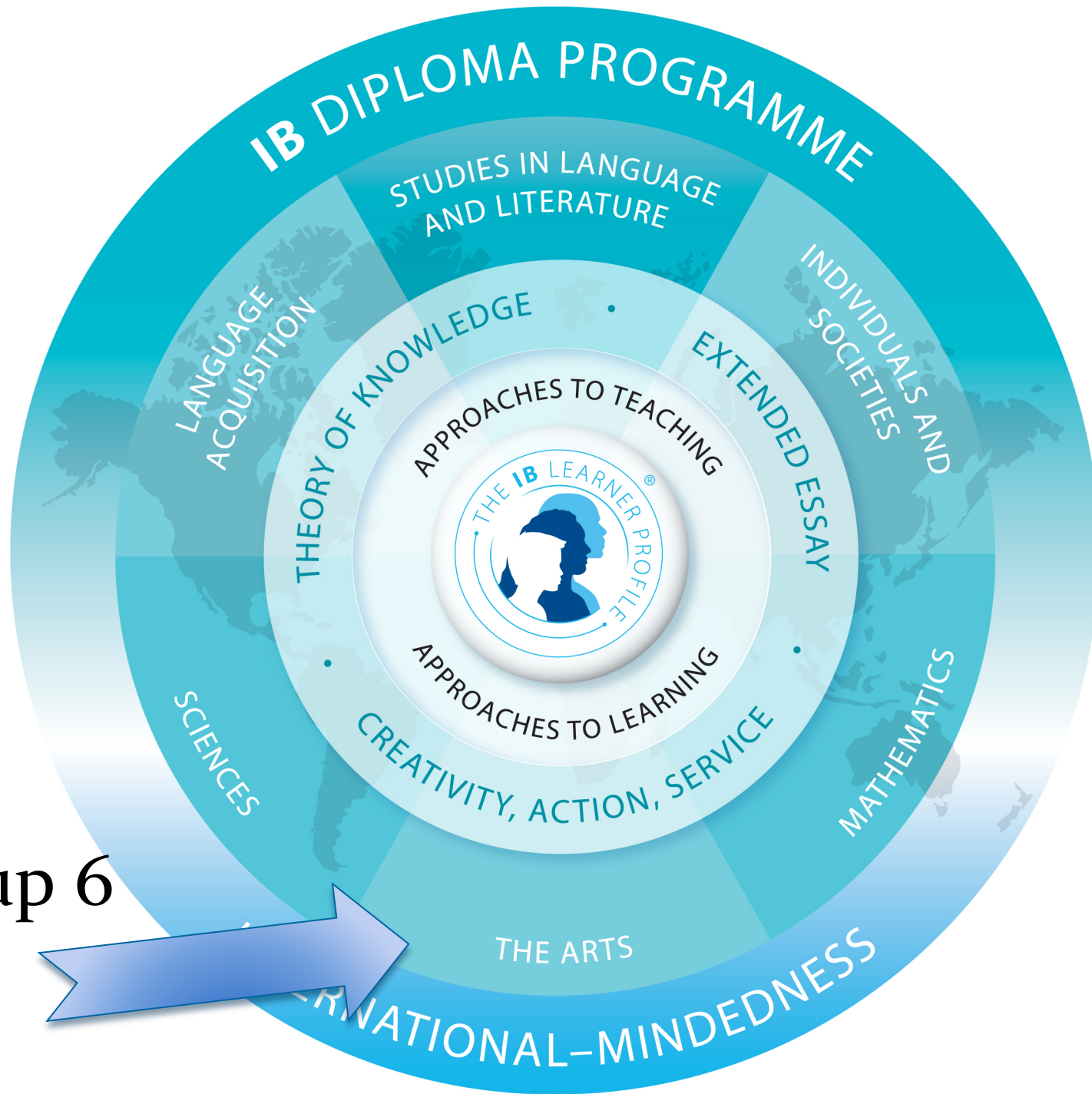
- ✓ Biology SL & HL
- ✓ Chemistry SL & HL
- ✓ Physics SL & HL
- ✓ Computer Science SL & HL
- ✓ Sports & Exercise Science SL
- ✓ Environmental Systems & Societies SL (Grp 3/4)



Group 5

Group 5 Mathematics

- ✓ Mathematics HL
- ✓ Mathematics SL
- ✓ Mathematical Studies SL



Group 6



Group 6

The Arts & Options

- ✓ Dance SL & HL
- ✓ Music SL & HL
- ✓ Theatre SL & HL
- ✓ Visual Arts SL & HL
- ✓ Film SL *

OR

A second subject from Groups 1 - 4

Grades 11 & 12 Opportunities

- ✓ **IB Diploma** (2 years)
- ✓ **IB Courses** (2 years)
- ✓ **Non-IB Courses** (1-2 years)



IB Courses Assessment

- ✓ Internally Assessment (IA) - externally moderated
- ✓ External Assessment – examinations & research
- ✓ Most subjects 30% Internal and 70% External

IB Courses Assessment

- ✓ Rigorous Assessment models that utilizes world best practice with regular review cycles
- ✓ Variety of IA – orals, commentaries, presentations, performance, essays, explorations, experiments, etc

6 IT ASSESSES MORE THAN EXAMINATION TECHNIQUES

IB never teaches to the test—exams are externally assessed with no grade inflation for more than 30 years.

Our future depends on how
the next generation.....



**Transcend
formulaic
responses.**

IB Diploma points scores

3 Higher level subjects

- Max score per subject: 7
- Minimum total: 12
- Maximum: 21

3 Standard level subjects

- Max score per subject: 7
- Maximum: 21

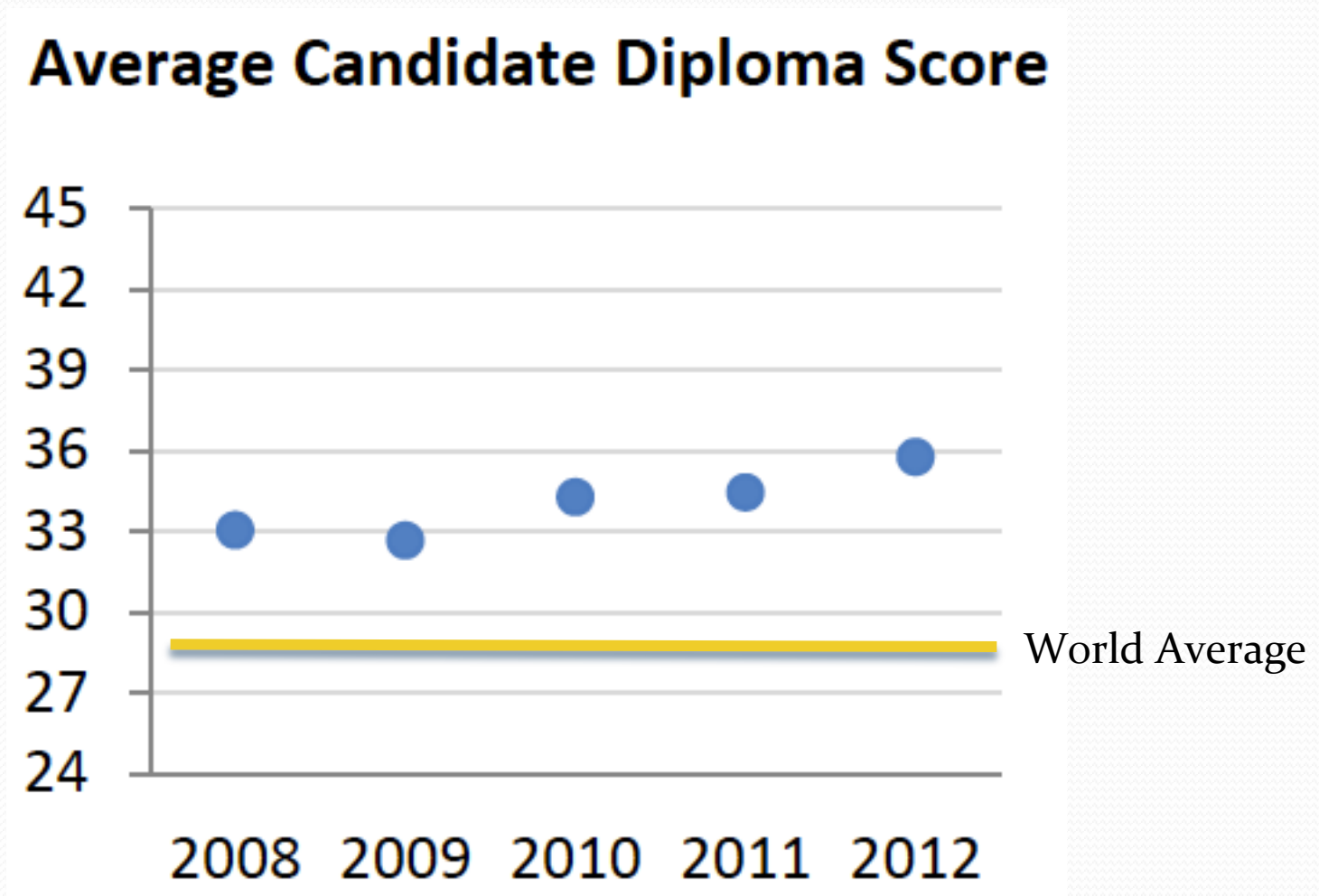
TOK Extended Essay CAS

- TOK and EE scored A – E
- 3 bonus points

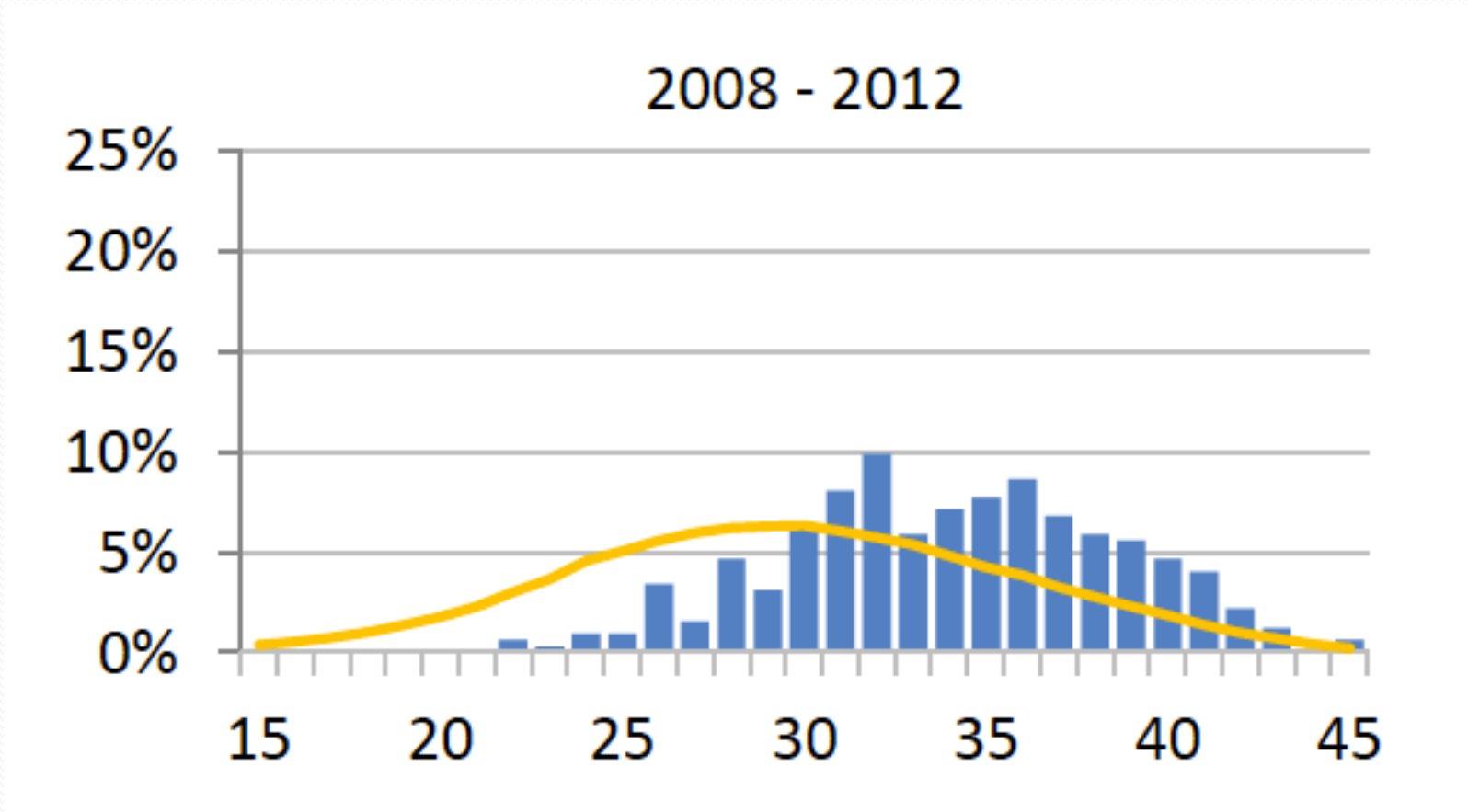
Maximum Points 45

Minimum Points 24

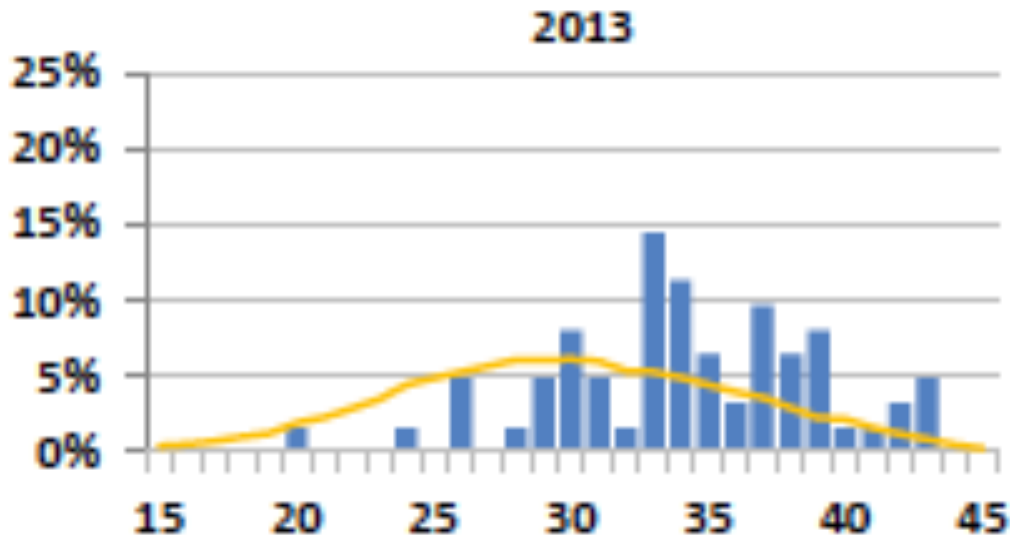
Recent IB Diploma Scores



Recent IB Diploma Scores



ISB Diploma Results



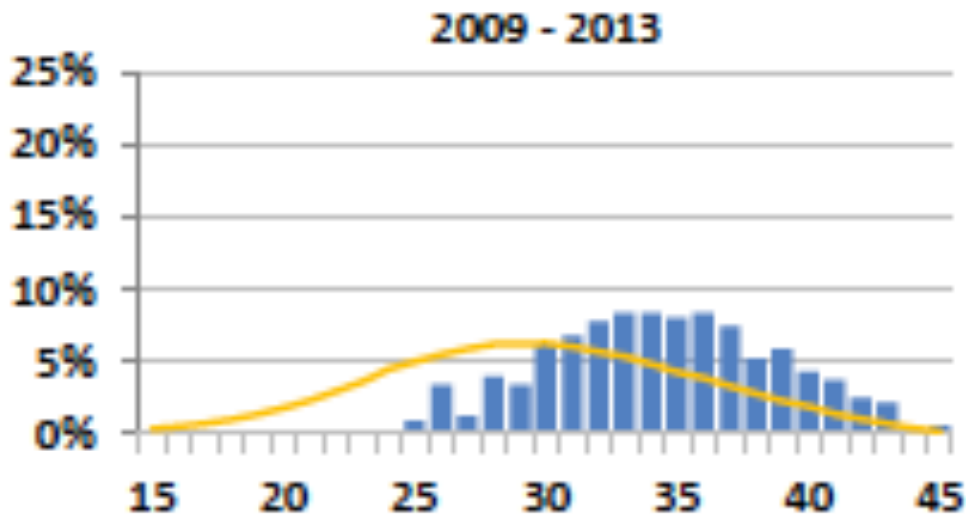
May 2013

58 IB Diplomas

Average: 35
(world average = 29.8)

Range: 24 - 44

Pass rate: 94%



2009 - 2013

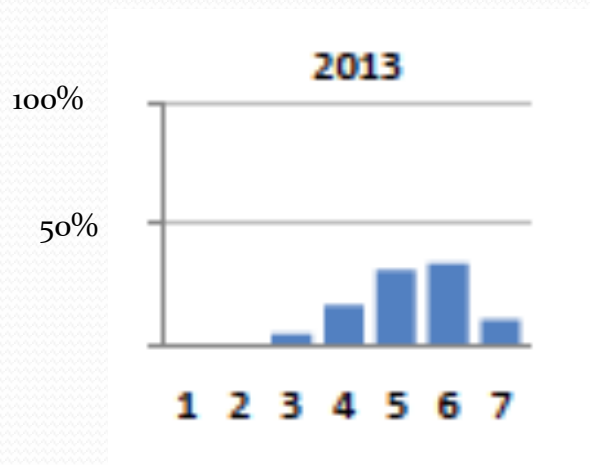
323 IB Diplomas

Average: 34.3

Range 24 - 45

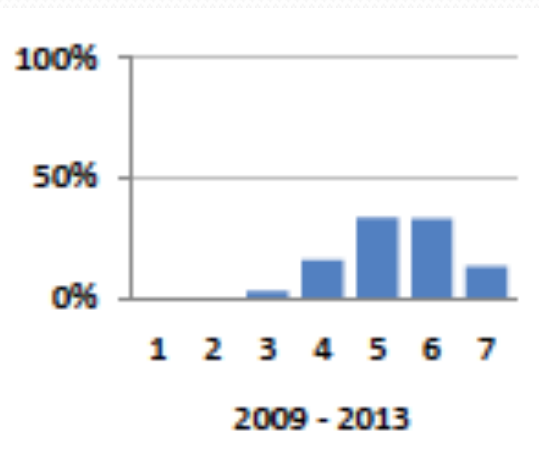
Pass rate: 95%

IB Course Scores



May 2013

- 596 IB Courses examined
- Average grade 5.49
- 5 – 7 grades: **75%**
- 4 – 7 grades: **94%**



2009-2013

- 2907 IB Courses examined
- Average grade 5.4
- 5 – 7 grades: **80%**
- 4 – 7 grades: **97%**

IB Diploma

Some common scenarios

3 Higher level
subjects

3 Standard
level subjects

TOK Extended
Essay CAS

- ✓ 6 courses each lasting 2 years
- ✓ Assessment over 2 years (finals May 2015)

IB Diploma

Engineering or Science focus

3 Higher level subjects

- Mathematics
- Chemistry
- Biology

3 Standard level subjects

- English A Lang & Lit
- French B
- Geography

TOK Extended Essay CAS

- Complete over 2 years of program

IB Diploma

Social Studies focus

3 Higher level subjects

- English A: Lang & Lit
- History: Asia/Oceania
- Economics

3 Standard level subjects

- Mandarin B
- Biology
- Maths SL or Studies SL

TOK Extended Essay CAS

- Complete over 2 years of program

IB Bilingual Diploma

3 Higher level subjects

- Japanese A Lang & Lit
- Business & Management
- Music

3 Standard level subjects

- English A Lang & Lit
- Chemistry
- Math SL or Studies SL

TOK Extended Essay CAS

- Complete over 2 years of program

IB Diploma

Languages focus

3 Higher level subjects

- English A Literature
- Spanish B
- History

3 Standard level subjects

- French ab initio
- Sports & Exercise Health Science
- Math Studies

TOK Extended Essay CAS

- Complete over 2 years of program

IB Diploma Arts focus

3 Higher level subjects

- English A: Lit
- Theatre
- Dance, Music
or Visual Arts

3 Standard level subjects

- Spanish B
- Environmental
Systems and
Societies
- Math SL or
Studies SL

TOK Extended Essay CAS

- Complete over
2 years of
program

7 IB STUDENTS HAVE **PROVEN** **TIME MANAGEMENT SKILLS**

Research has found that IB students develop strong study habits and critical time management skills, key indicators of college readiness.



IB University Recognition

- ✓ IB recognized globally 2500 universities in 200+ countries
- ✓ University admissions officers well versed in IB
- ✓ GPA credit boost +0.5
- ✓ University credit available
- ✓ University application - “Most challenging course at your school”
- ✓ Significantly lower drop out rates from university
- ✓ Greater success rates whilst at university
- ✓ Greater percentage acceptances to university

3 IT'S A QUALIFICATION RECOGNIZED BY UNIVERSITIES

AROUND THE

The IB Diploma Programme is internationally benchmarked, allowing graduates to continue their studies anywhere in the world.

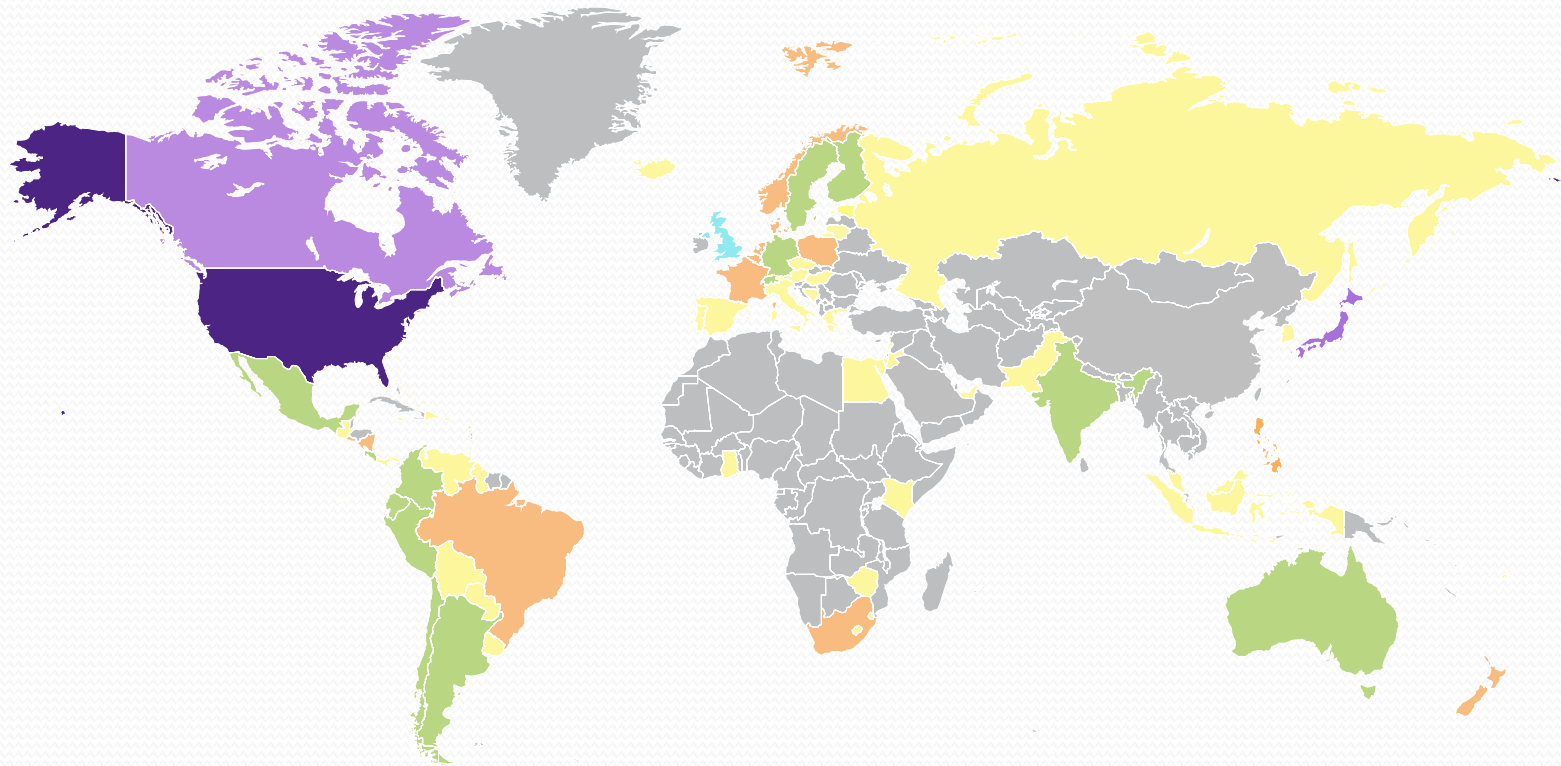


University Recognition

Further information

- ✓ IB Diploma & IB Courses admissions updated annually
- ✓ Very well accepted - [IB University survey](#)
- ✓ Visit www.ibo.org/recognition
- ✓ ISB keeps current through
 - ✓ HS counselors
 - ✓ University visits (over 180 this year alone)
 - ✓ Excellent relationships with university admissions officers
 - ✓ Graduate feedback

University Recognition of the IB Diploma



Entry requirements and application process

Acceptance rates for the 20 most popular institutions among survey respondents

www.i-graduate.org

University or college	IB candidates acceptance rate	Total population acceptance rate	IB candidates versus total population (percentage points)
University of Florida	82%	42%	+40%
Florida State University	92%	60%	+32%
Brown University	18%	9%	+9%
Stanford University	15%	7%	+8%
Columbia University	13%	9%	+4%
University of California - Berkeley	58%	26%	+32%
Harvard University	10%	7%	+3%
New York University	57%	30%	+27%
University of Michigan - Ann Arbor	71%	51%	+20%
University of Miami	72%	30%	+42%
Cornell University	31%	18%	+13%
Duke University	28%	16%	+12%
University of Pennsylvania	24%	14%	+10%
Yale University	18%	7%	+11%
University of Central Florida	90%	47%	+43%
Boston University	70%	58%	+12%
University of California - Los Angeles	48%	23%	+25%
University of Virginia	64%	32%	+32%
UNC Chapel Hill	63%	32%	+31%
Princeton University	16%	8%	+8%

Universities value the IB Diploma

“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 credential of the IB Diploma Program on the transcript.”

Marlyn McGrath Lewis, assistant dean of admissions, **Harvard University, USA**

Universities value the IB Diploma

“IB Diploma Program students are well-rounded, multifaceted, multi skilled and have studied in depth. They have good time-management skills. They score higher than students in other national systems, and the IB score is worldwide the same measure.”

Hrilina Lock, Undergraduate Admissions Manager, London School of Economics

Universities value the IB Diploma

DP students 20% more likely to have excellent or very good:

- ✓ **Research skills**
- ✓ **Ability to read & comprehend academic material**
- ✓ **Ability to make and prepare a presentation**
- ✓ **Ability to write clearly and articulately**

At end first semester at UBC, DP students considered more likely to participated in:

- ✓ **student leadership**
- ✓ **Volunteer work**
- ✓ **Tutoring or teaching other students**
- ✓ **Student clubs/organisations**

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- ✓ **IB Diploma** (2 years)
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Next Steps

- ✓ Talk about your options with your Counselor
- ✓ Talk to your teachers about individual IB Courses
- ✓ Look out for the new HS Program of Studies (Feb)
- ✓ Come to the IB Course Fair next semester
- ✓ Consider challenging yourself
- ✓ Let IB @ ISB inspire you to:
 - ✓ Achieve your academic potential
 - ✓ Be passionate reflective learners
 - ✓ Become caring global citizens
 - ✓ Lead healthy, active, balanced lives

Working in partnership



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“Your aspirations are your possibilities” – Samuel Johnson

Courage is 90% mindset, only 10% craft and mechanics of pulling it off.

“An obstacle is often a stepping stone” – Prescott

“Real knowledge is to know one’s ignorance” – Confucious

