

# AL 10<sup>th</sup> grade planning!

Parent University 02 March 2020

- A little about IB
- Each of the major subject areas
- Big choices in English and Math
- Electives



# Why we are an IB School...

“Curriculum-based achievement tests are the fairest and most effective assessments for college admissions and have important incentive or signaling effects for our K–12 schools as well: They help reinforce a rigorous academic curriculum and create better alignment of teaching, learning and assessment all along the pathway from high school to college.”

*Richard C. Atkinson, president emeritus, University of California, and Saul Geiser, University of California, Berkeley, Center for Studies in Higher Education, Reflections on a Century of College Admissions Tests, April 2009*



## The DP curriculum prepares students for college

A 2009 study looked at the standards for seven Diploma Programme courses and compared them to a set of standards for college-readiness.

Researchers found:

- **a high degree of alignment with college readiness standards** in all subject areas
- **many individual IB standards were more advanced** than those required for success in entry-level college courses
- **IB standards address key cognitive strategies** (critical thinking, intellectual inquisitiveness and interpretation skills) that have been identified by college instructors as necessary for college success.



## IB prepares students for college success

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

*Marlyn McGrath Lewis, Assistant Dean of Admissions, Harvard University, USA*

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

*Fred Hargadon, Director of Undergraduate Admissions, Princeton University*



## Colleges recognize the value of an IB education

**“We know the quality of IB courses, and we think the IB curriculum is terrific.”**

*Christoph Guttentag, Director of Admissions, Duke University*

**“The rigour of IB Diploma requirements meets our recommendation for the strongest high school preparation possible. ... In sum, the IB diploma candidate who has met the challenge successfully receives strong consideration from the William & Mary admission committee.”**

*Allison Jesse, former Associate Dean of Admissions, William and Mary College*

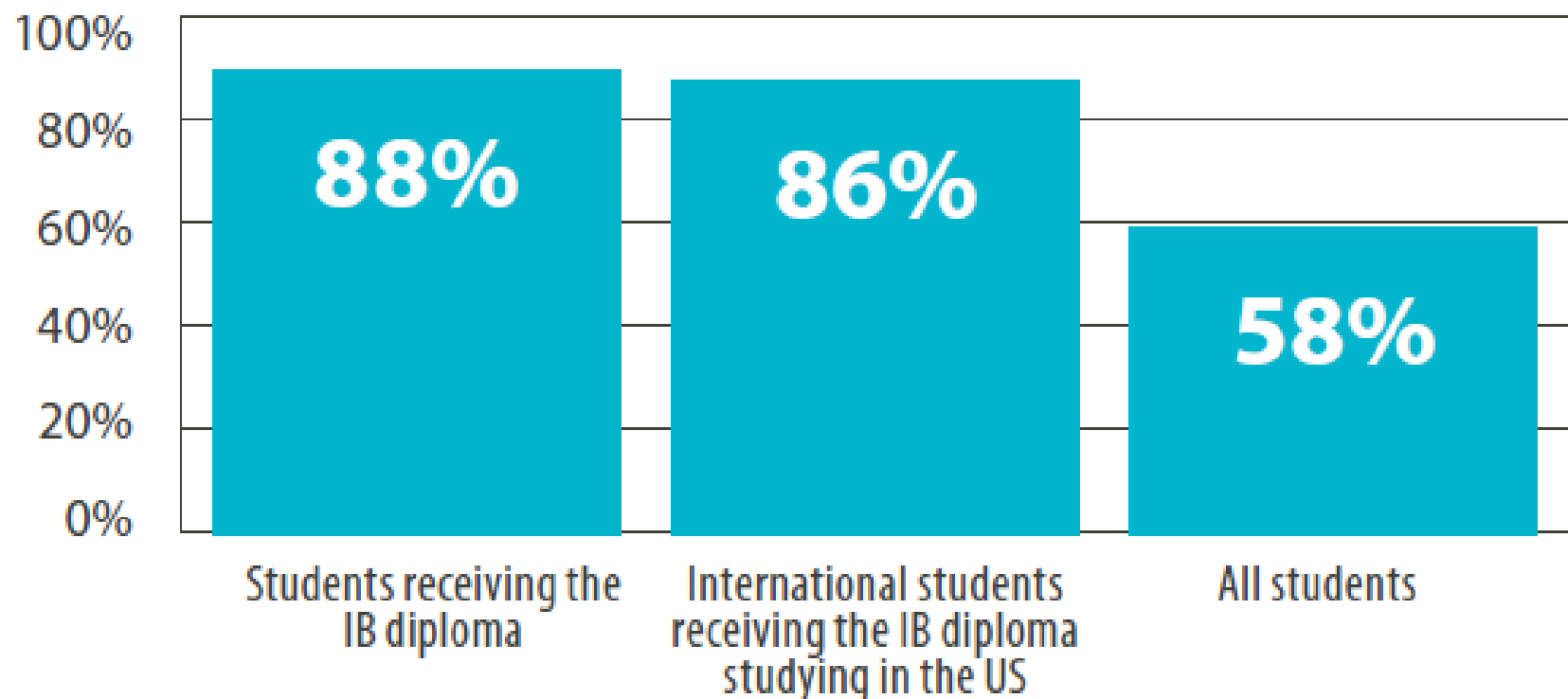


“A student who goes for the IB diploma, which requires the equivalent of six two-year courses, must also write a 4,000 word extended essay, often a research paper on some topic. Most of the former IB students I know say the extended essay was the most satisfying and challenging thing they did in high school, and prepared them well for college research. Let me put this next sentence also in all capitals: **IN THE UNITED STATES, ONLY THE IB PROGRAM AND PRIVATE SCHOOLS CONSISTENTLY REQUIRE HIGH SCHOOL STUDENT TO WRITE MAJOR RESEARCH PAPERS.**

The failure to emphasize writing in that way is a scandal. But it is true.”

*Jay Matthews, education columnist for the Washington Post and creator of the Challenge Index; excerpt from Davidson Institute for Talent Development “Tips for Parents: AP vs IB – Which is best for my kid?”*

## Percentage of students graduating with a bachelor's degree within six years



Source: Integrated Postsecondary Education Data System (IPEDS) of National Center for Education Statistics, National Student Clearinghouse, IB analysis, based on data obtained for students taking exams in May 2000 and May 2001.



The **average acceptance rate of IB students** into university/college is **22% higher** than the average acceptance rate of the total population.

The acceptance rate of IB students into **Ivy League** institutions (Princeton, Yale, Brown, Harvard, Columbia, Cornell, Dartmouth, University of Pennsylvania) is **between 3% and 13% higher** compared to the total population acceptance rate.

**Source: IBDP Graduate Destinations Survey 2011/12 conducted by i-graduate International Insight**  
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# Intrinsic value of IB

## Students are...

**Open-minded.** Students 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.

**Knowledgeable.** Students acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines. Students are assessed in manners true to each discipline (written exams, oral exams, portfolios, lab work, projects, essays etc.)

**Inquirers.** Students acquire the skills necessary to conduct inquiry and research and show independence in learning.

**Communicators.** Students understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication.

**Risk-takers.** Students approach unfamiliar situations and uncertainty with courage and forethought, and have the independence of spirit to explore new roles, ideas and strategies.

**Reflective.** Students give thoughtful consideration to their own learning and experience. They are able to assess and understand their strengths and limitations in order to support their learning and personal development.

# IB Requirements



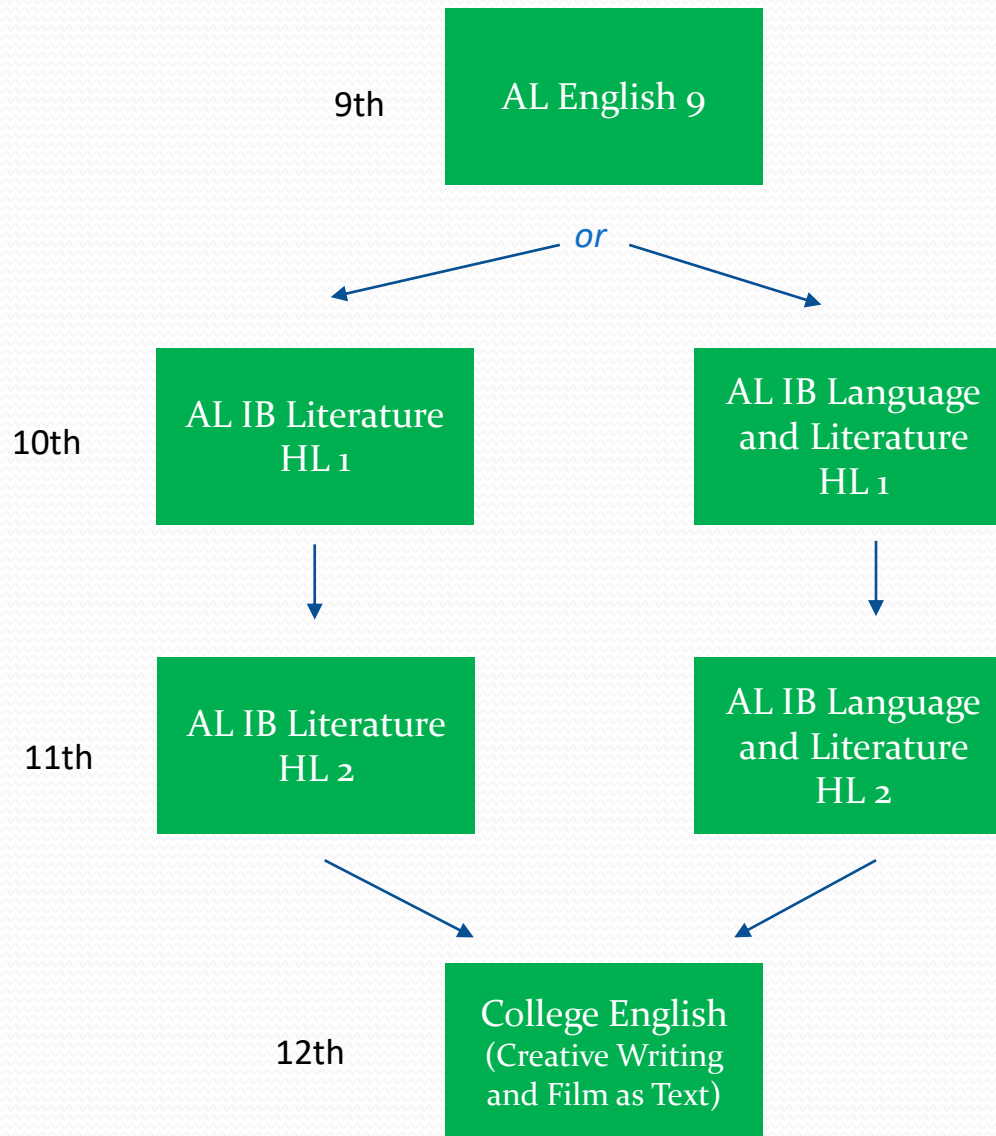
One subject from each of the six groups

At least three but not more than four taken at higher level (HL)

Others at standard level (SL)

Group	10 <sup>th</sup> Grade <b>Diploma Program (1<sup>st</sup> Year)</b>	11 <sup>th</sup> Grade <b>Diploma Program (2<sup>nd</sup> Year)</b>
1	AL IB English Literature HL 1 AL IB English Lang and Lit HL 1	AL IB English Literature HL 2 AL IB English Lang and Lit HL 2
2	IB World Language Mandarin, Spanish or French	IB World Language Mandarin, Spanish or French
3	AL IB History HL 1/AP US History	AL IB History HL 2/AP Government
4	AL IB Physics SL 1/AP Physics 1	IB Physics SL 2/AP Physics 2      IB Physics HL/AP Physics 2 IB Biology SL                                      IB Biology HL/AP Biology  IB Chemistry SL 2/AP Chemistry IB ESS/AP Environmental IB Design Technology SL
5	IB Math Applications and Interpretation SL 1 IB Math Applications and Interpretation HL 1 IB Math Analysis and Approaches SL 1 IB Math Analysis and Approaches HL 1 IB Math Applications and Interpretation HL 2	IB Math Applications and Interpretation SL 2 IB Math Applications and Interpretation HL 2 IB Math Analysis and Approaches SL 2 IB Math Analysis and Approaches HL 2
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7	Health or elective/ToK	ToK/elective

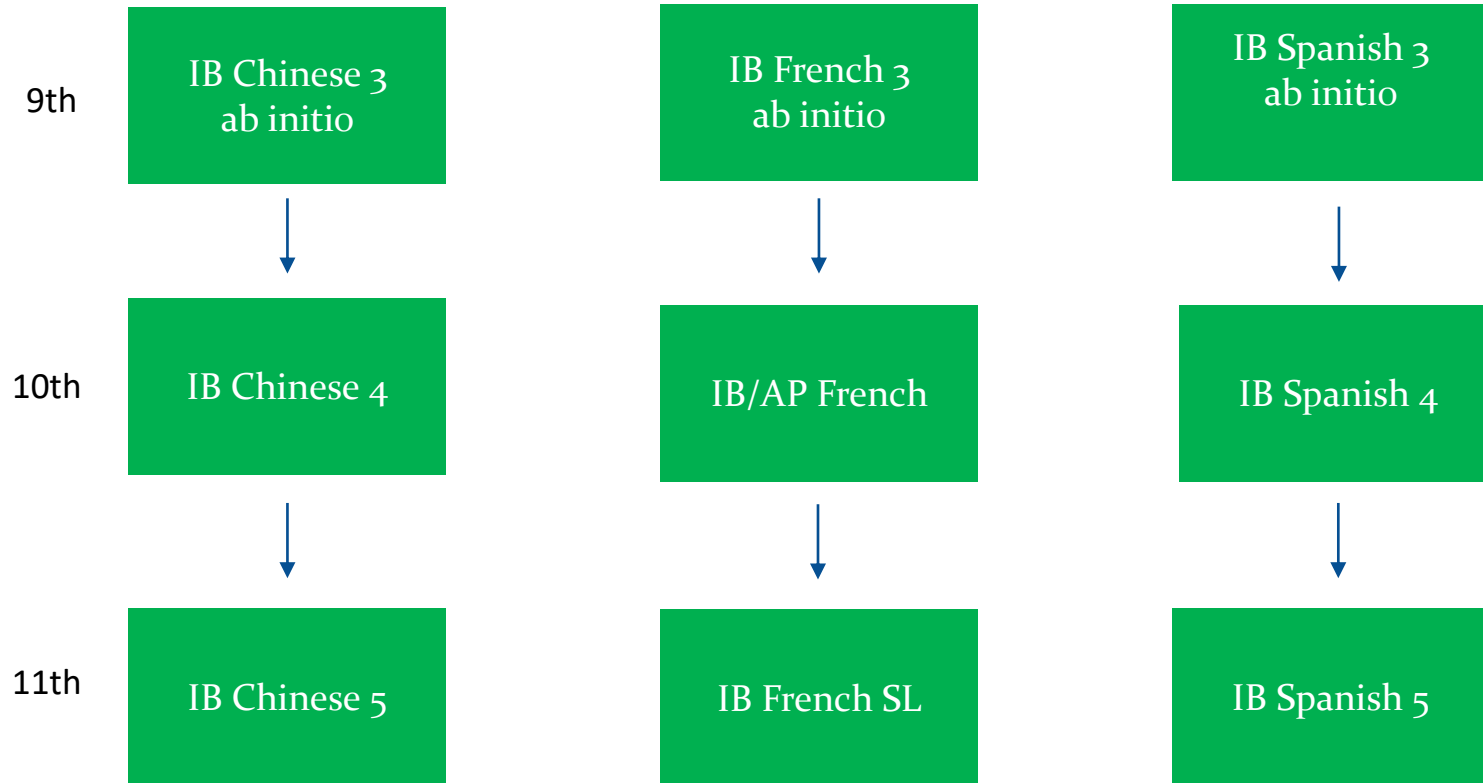
# Group 1 First Language (English)



# Second Language

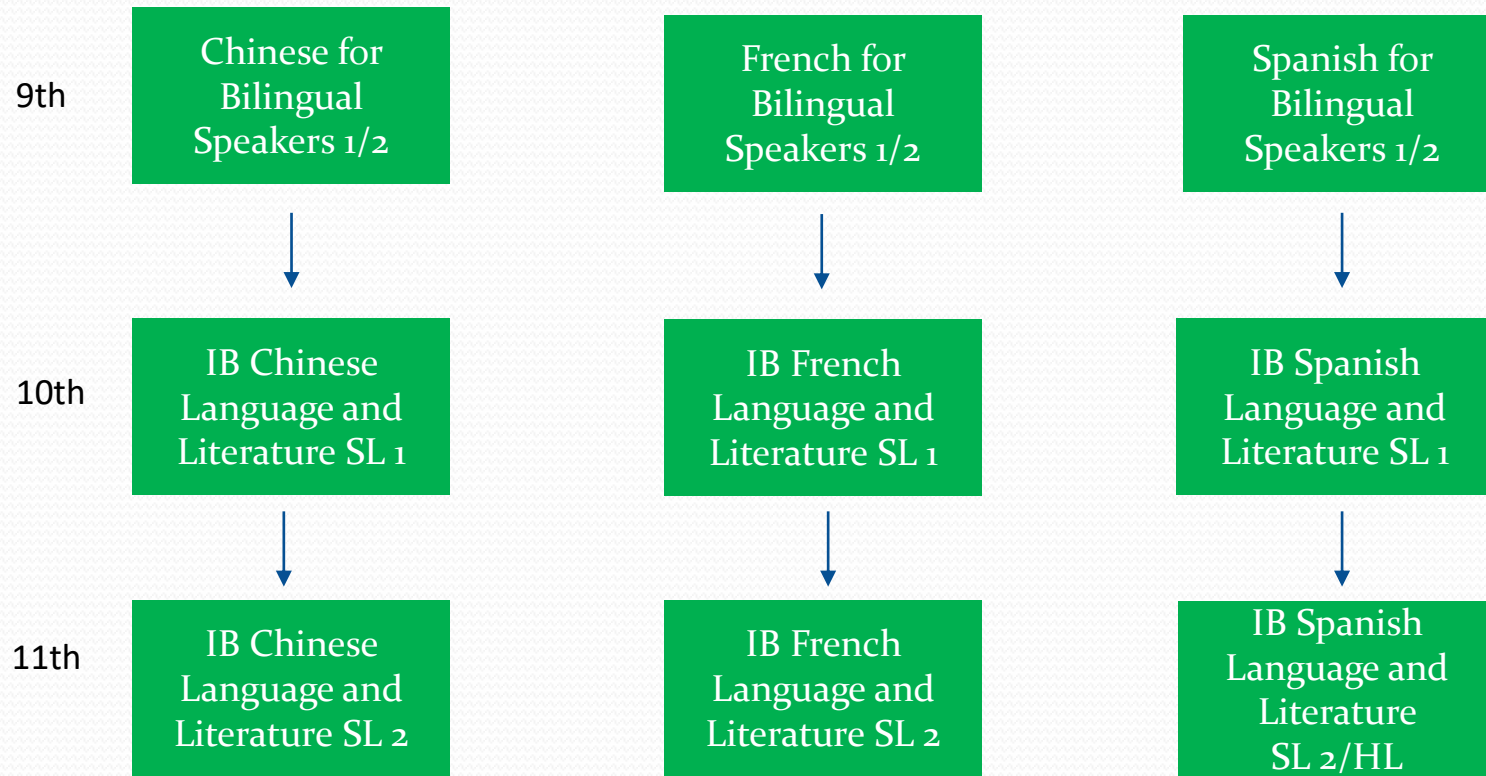
<b>IB assessment name</b>	<b>How to complete at Interlake</b>
IB Language B SL IB Language B HL	At least to level 4 to complete SL in 11 <sup>th</sup> grade At least level 5 to complete HL in 11 <sup>th</sup> grade (most choose SL)
IB Language <i>ab initio</i> SL “from the beginning”	3 years maximum, 2 years allowed. Assessed in the 2 <sup>nd</sup> year of the IB Diploma (11 <sup>th</sup> grade) only.
IB Language and Literature A SL IB Language and Literature A HL	Bilingual class in the 9 <sup>th</sup> grade followed by native language classes in 10 <sup>th</sup> and 11 <sup>th</sup> grades Results in dual-language diploma
IB Literature A SL (school supported self study)	Plan with IB Office and enroll in a 1-year “open” period to complete readings and assessments Results in dual-language diploma

# Second Languages



*Most students do not continue with a second language in the 12<sup>th</sup> grade but space is available in the schedule.*

# Group 1 Other Languages

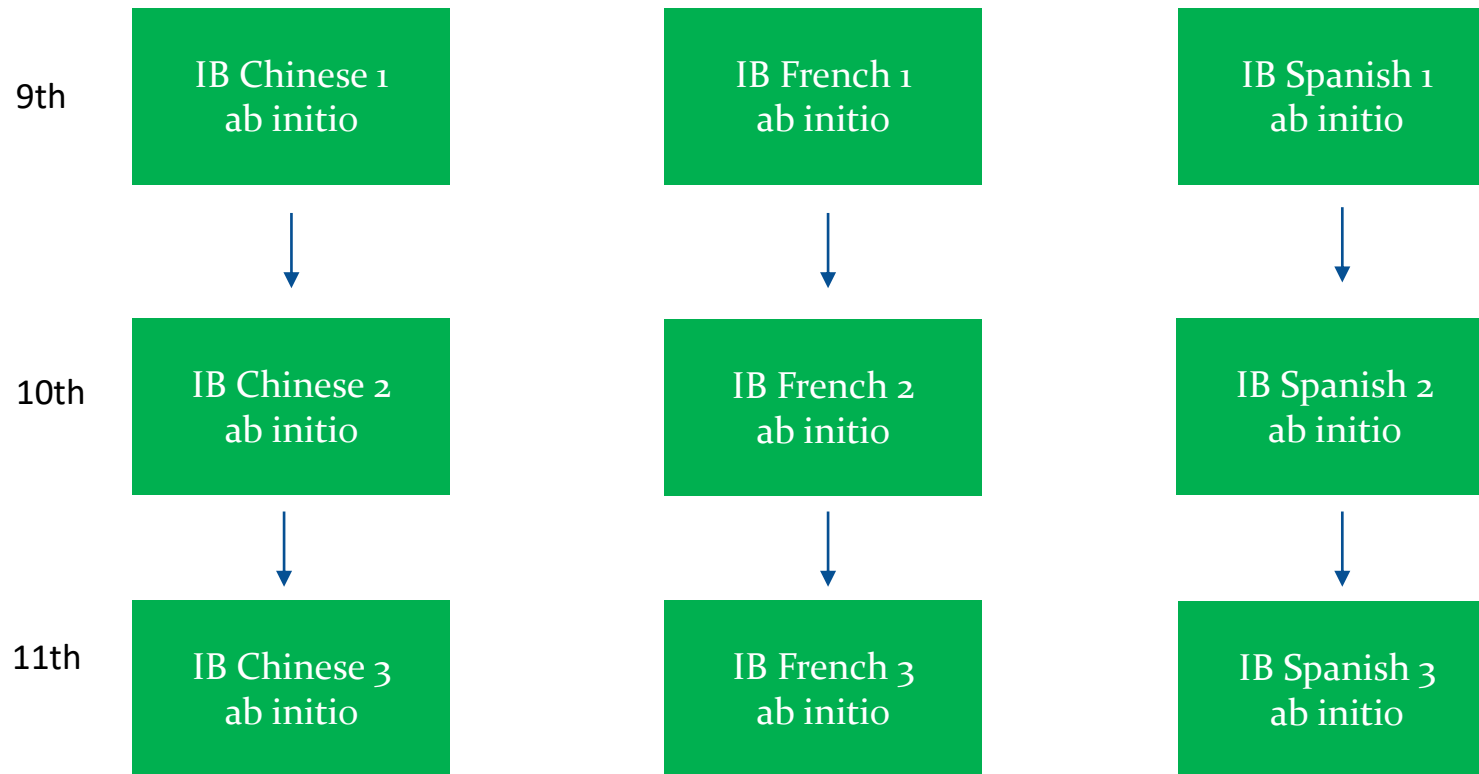


*Students who complete a second Group 1 subject (to replace the Group 2 requirement) earn a Bilingual IB Diploma*

*Native Speaker School Supported Self Study is available for other languages and is assessed at Literature A SL only*

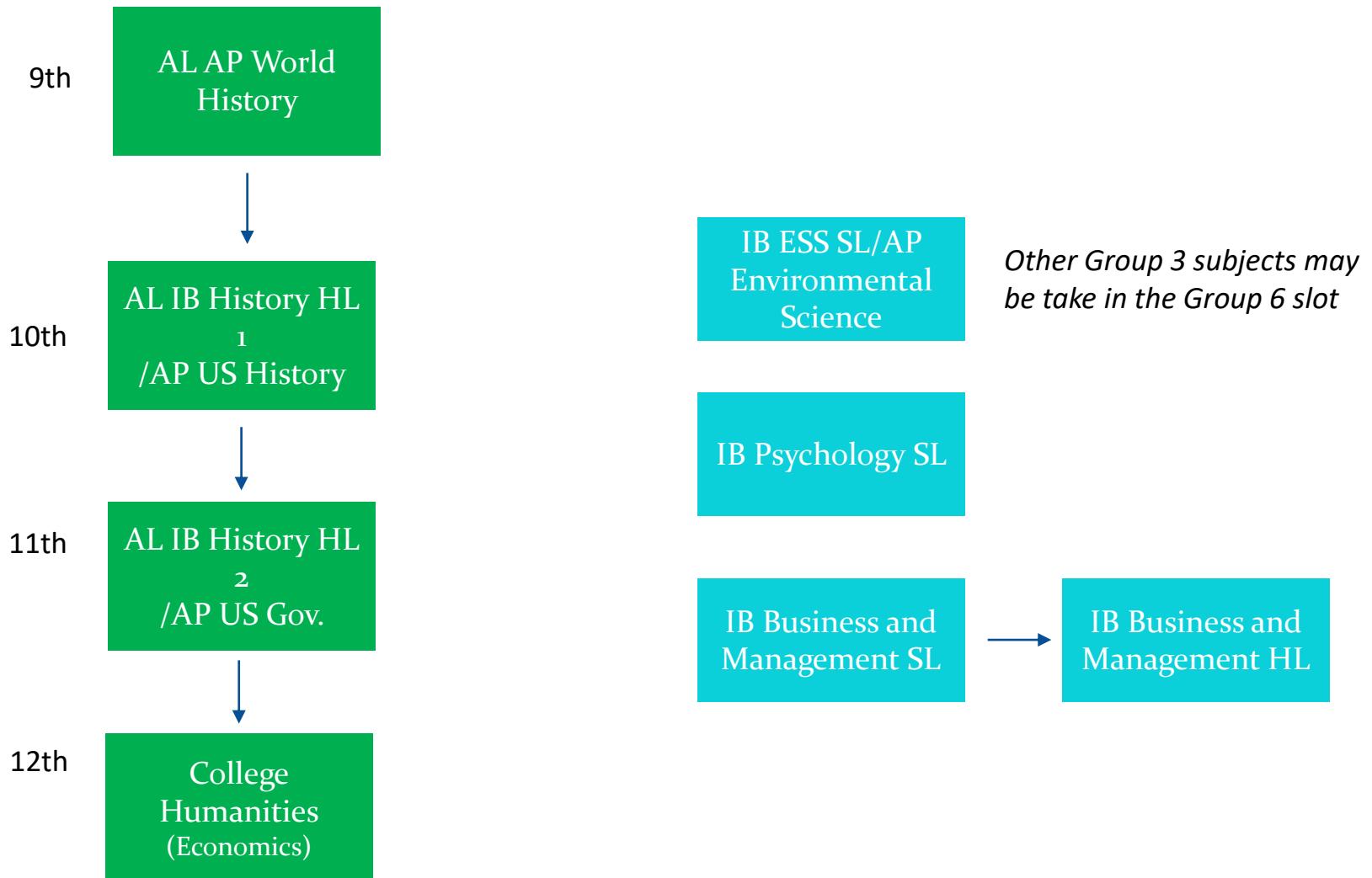
# Group 2 Language ab initio

*Language ab initio is for students who have no formal experience in the target language. Language ab initio is completed during the 2 years of the IB Diploma at Standard Level (SL) only. The assessments and exams may only be completed at the end of the 2<sup>nd</sup> year of the IB Diploma*





# Group 3 Individuals and Societies



# Group 4 Science

9th AL Chemistry 9

Students may take 2 sciences during the 10<sup>th</sup> and 11<sup>th</sup> grades

10th AL IB Physics SL 1 /AP Physics 1

IB Chemistry SL 2 /AP Chemistry

or

IB Biology SL

IB Biology HL /AP Biology

Many choices in 11<sup>th</sup> and 12<sup>th</sup> grades



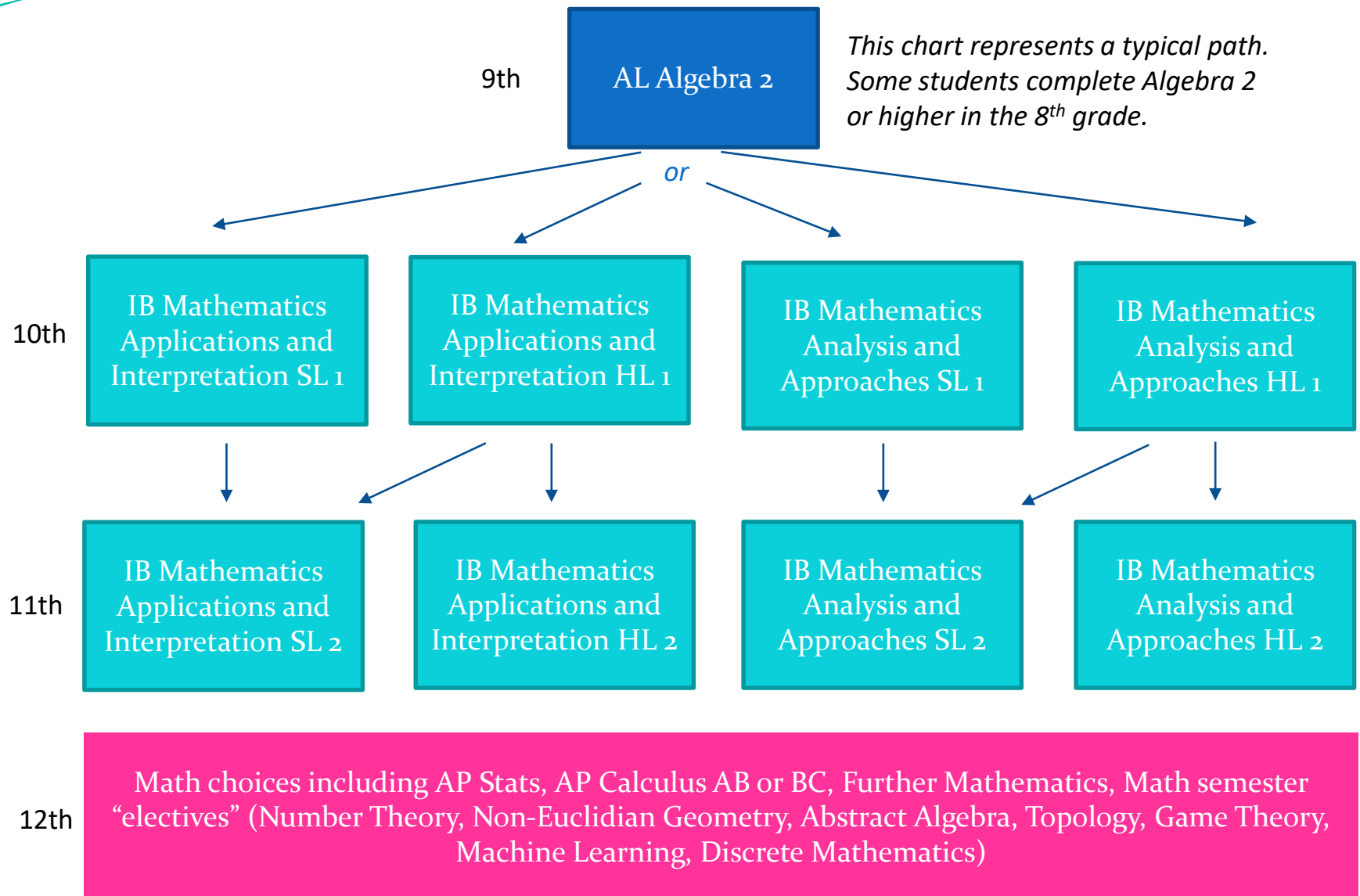
IB Physics SL 2 /AP Physics 2

IB Physics HL /AP Physics 2

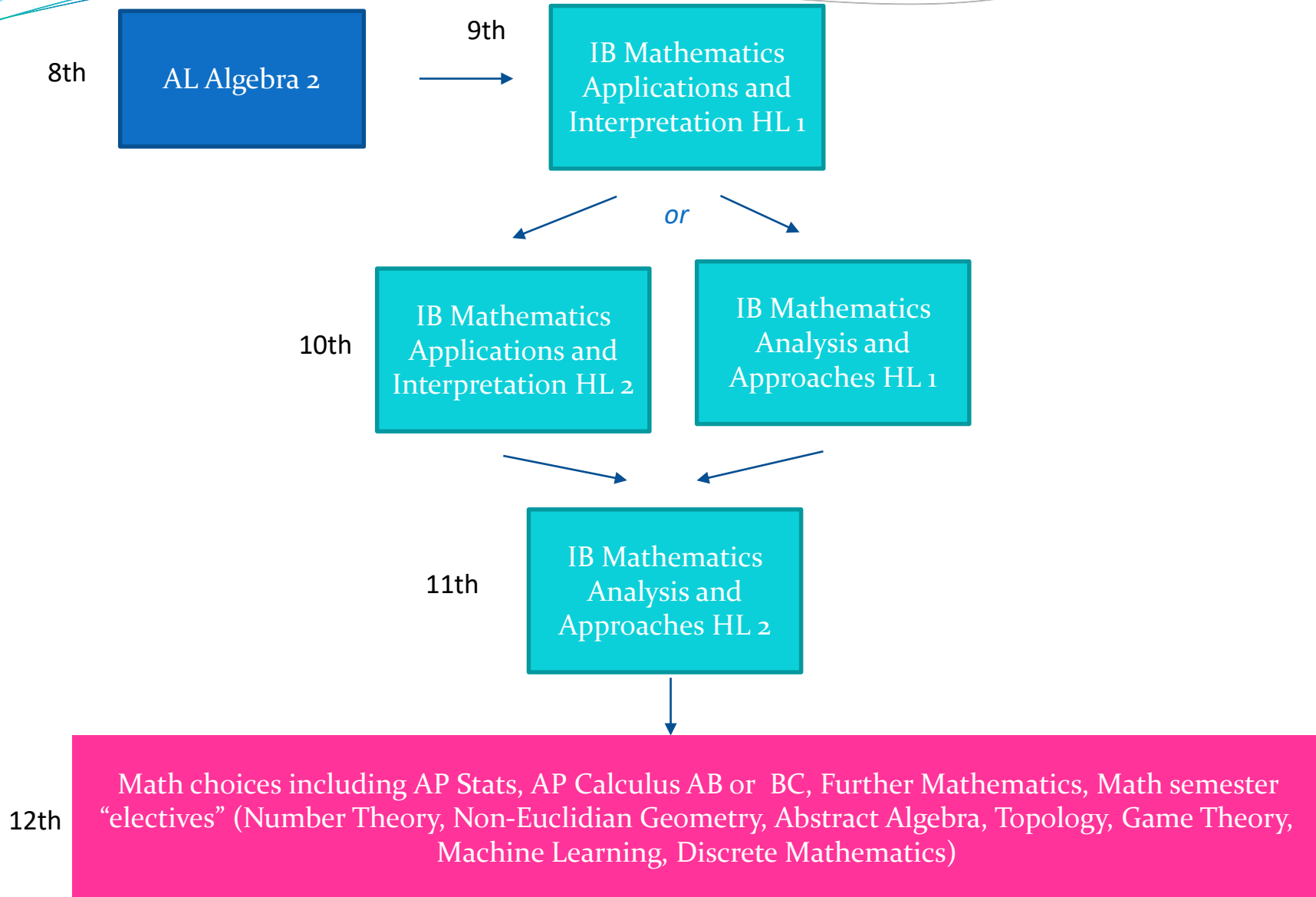
IB ESS/AP Environmental Science

IB Design Technology SL w/ Engineering

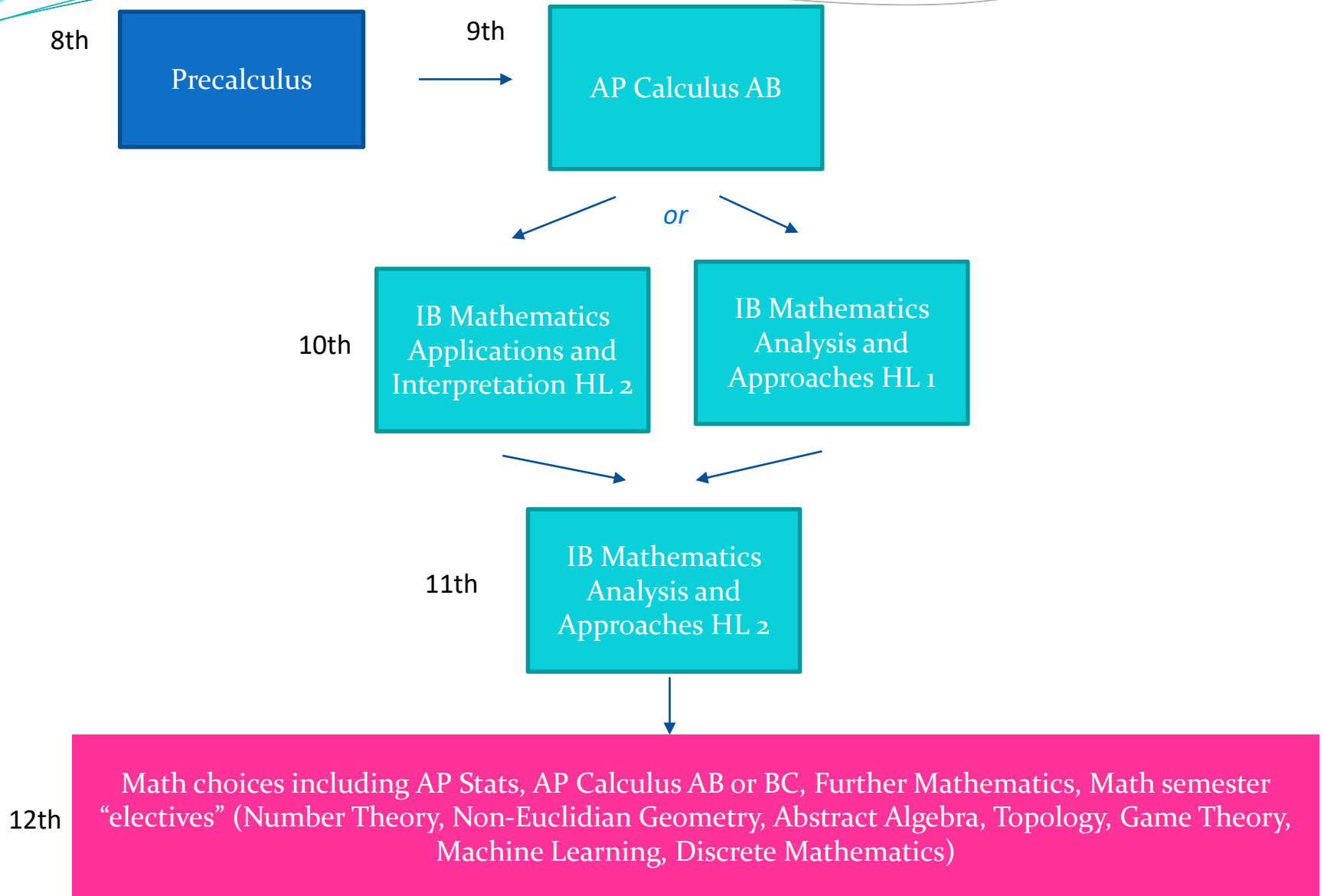
# AL students on track in math



# AL students 1 year ahead in math

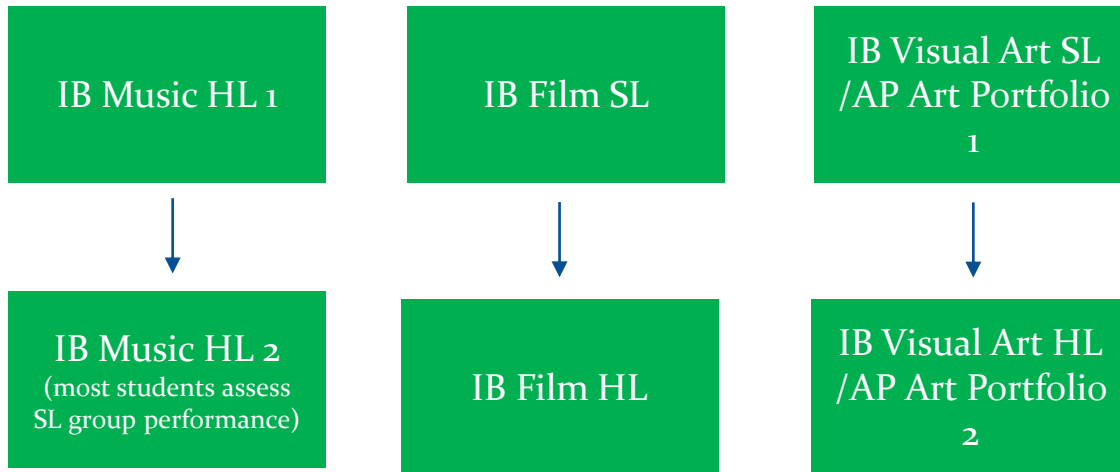


# AL students 2 years ahead in math



# Arts

Several choices for IB Arts in the 10<sup>th</sup> and 11<sup>th</sup> grades



Students may also complete the IB Group 6 requirements by choosing a second subject from another IB group instead of an IB Art. Typical choices include a second science or an “elective” from Group 3. Students must still fulfill Washington State graduation requirements for art.



# The IB Core



Theory of Knowledge

Extended Essay

Creativity, Action, and Service

three central opportunities to bring together the knowledge and skills obtained from the six subject areas

vital to the holistic experience of the IB Diploma Programme



# Many Electives!

## Interlake High School - Elective Course Offerings for Grades 10-12

### 2019-2020 School Year

Course # Sem/Yr

#### Career/Technology:

CT_424	^Sem^	Metals Tech 1 (Metals 2/CT_524/Sem**)
CT_425	Sem	Woods Tech 1 (Woods 2/CT_525/Sem**)
CT_412	^Sem^	Photography 1 (Photography 2/CT_512/Sem**)
CT_427	Sem	Accounting 1
CT_421	Sem	Personal Finance
CT_519	^Sem^	Comp. Graphics 1 (Graphics 2/CT_619/Sem**)
CT_426	Year	Introduction to Construction Management
CT_417	^Sem^	Digital Video and Audio Productions 1
CT_517	^Sem^	Digital Video and Audio Productions 2 **
CT_408	Sem	Microsoft Office IT Academy - Core
CT_480	Sem	Coding in Python 1 (Python 2/CT_580/Sem**)
CTA505	Year	AP Computer Science A**
CT_605	Year	Special Topics in Computer Science**
CT_442	Year	Environmental Sustainability
CT_440	Sem	Floral Design and Marketing
CT_441	Sem	Introduction to Horticulture
CT_471	Sem	Economics
CT_709	Sem	Entrepreneurship
CT_609	Sem	Retail Management - Student Store
CT_624	Year	Welding/Metals Fabrication (WANIC) ##
CT_625	Year	Construction Management (WANIC) ##
CT_541	Year	Nursery and Greenhouse Operations (WANIC) ##
CTH580	Year	IB Business Management SL
CTH680	Year	IB Business Management HL **

#### Drama:

TH_401	Sem	Theater Workshop
TH_501	Sem	Acting Workshop ** or ##
TH_601	Sem	Theater Production ##
TH_411	^Year^	Technical Theater 1 (Tech Theater 2 /TH_503**)
THH520	Year	IB Film SL (IB Film HL/THH620/Year**)

Course # Sem/Yr

#### Visual Arts:

VA_401	Sem	Drawing and Painting 1
VA_501	Sem	Drawing and Painting 2 **
VA_402	Sem	Art and Design 1
VA_502	Sem	Art and Design 2 **
VA_404	Sem	Ceramics 1
VA_504	Sem	Ceramics 2 **
VA_405	Sem	Metal Design Jewelry 1
VA_505	Sem	Metal Design Jewelry 2 **
VA_407	Sem	Stained Glass 1
VA_507	Sem	Stained Glass 2 **
VAH601	Year	IB/AP Visual Arts 1
VAH701	Year	IB/AP Visual Arts 2 **

#### Physical Education:

PE_405	Sem	Recreation Multi Sports
PE_406	Sem	Weight Training/Conditioning
PE_407	Sem	Personal Fitness
PE_408	Sem	Net and Wall Sports
PE_409	Sem	Competitive Basketball
PE_410	Sem	Walking for Fitness
PE_412	Sem	Yoga for Fitness
PE_505	Sem	Competitive Multi Sports

#### World Languages: All are year-long courses

CHH401: IB Chinese 1 Ab Initio	CHH501: IB Chinese 2 Ab Initio
CHH601: IB Chinese 3	CHH701: IB Chinese 4
CHH801: IB Chinese 5 HL	CHH901: IB Chinese 6 HL
CHH904: Chinese Bilingual 1	CHH905: Chinese Bilingual 2
CHH907: IB Chinese Lang/Lit SL1	CHH908: IB Chinese Lang/Lit SL2
FRH401: IB French 1 Ab Initio	FRH501: IB French 2 Ab Initio
FRH601: IB French 3	FRH701: IB French 4



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# Diploma Assessment

- Assessments scored on a 1-7 scale
- Minimum to earn diploma is 24 points\*
  - 6 exams at 4 points each = 24 points
- \*with no failing conditions
- Maximum is 45 points
  - 6 exams at 7 points each = 42 points
  - Bonus points (up to 3) earned for Extended Essay and ToK.

# Assessments In Disciplines

	English	History	Science
Internal	Individual Oral (20%)	Historical Investigation (20%)	Laboratory Work (24%)
External	1 Essay (20%) <small>written over time</small> 2 Written Exams (60%)	3 Written Exams (80%)	1 Multiple-choice Exam 2 Written Exams (76%)

# MAY 2019 DIPLOMA POINTS

## Overall Results

150 of 158 students earned the IB Diploma  
(4 retakes in process, included in statistics)

## Gifted

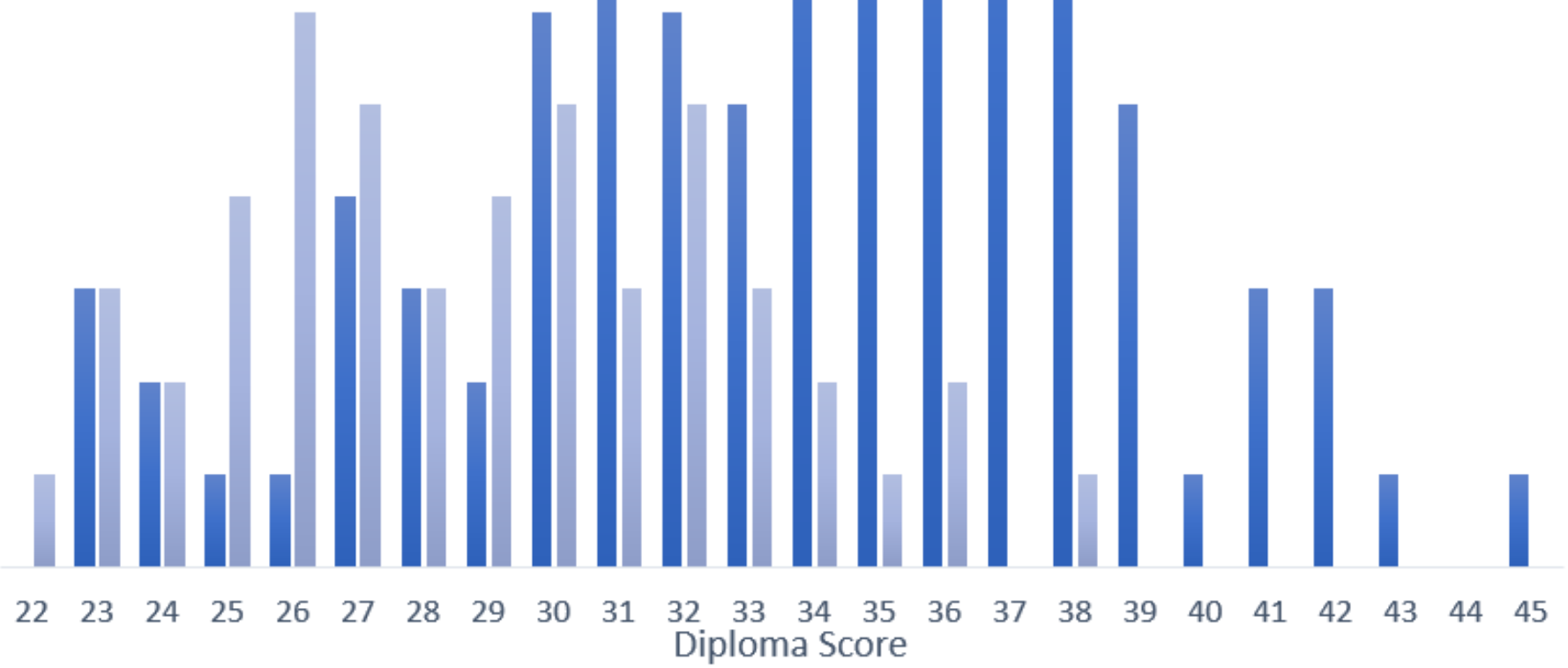
Number of students = 108  
Average Score = 34  
Median Score = 35

## Traditional

Number of students = 50  
Average Score = 29  
Median Score = 29

Number of Students

■ Gifted    ■ Traditional



# AL Diploma Points, 2009-2019

## 2009

Average Score = 32

Median Score = 33

## 2010

Average Score = 34

Median Score = 34

## 2011

Average Score = 35

Median Score = 35

## 2012

Average Score = 35

Median Score = 35

## 2013

Average Score = 37

Median Score = 37

## 2014

Average Score = 35

Median Score = 35

## 2015

Average Score = 36

Median Score = 36

## 2016

Average Score = 35

Median Score = 36

## 2017

Average Score = 37

Median Score = 37

## 2018

Average Score = 35

Median Score = 35

## 2019

Average Score = 34

Median Score = 35

## Overall Results

**2009:** 36 of 37 students earned the IB Diploma  
(1 retake included)

**2010:** 40 of 40 students earned the Diploma

**2011:** 45 of 45 students earned the IB Diploma  
(2 retakes included)

**2012:** 50 of 51 students earned the IB Diploma

**2013:** 53 of 53 students earned the IB Diploma

**2014:** 80 of 81 students earned the IB Diploma

**2015:** 67 of 67 students earned the IB Diploma

**2016:** 75 of 76 students earned the IB Diploma  
(2 retakes included)

**2017:** 76 of 76 students earned the IB Diploma  
(2 retakes included)

**2018:** 69 of 69 students earned the IB Diploma  
(3 retakes included)

**2019:** 104 of 108 students earned the IB Diploma  
(4 retakes in process)

# How much AP or IB is appropriate?

“Many parents were interested in how many AP or IB courses and exams their children should take. The answer, based on conversations with many admissions offices of the most selective colleges, is three to five. Three is fine, particularly if the scores are good. Five is also good, but not much more so. If you take 6, 7, 8 courses and exams and on up in anticipation of the colleges giving more respect to those applicants who take the most AP or IB exams, you will be wrong. It is fine to take that many if the student enjoys them and thinks her time is better spent with them than other available courses but it will do nothing to improve her chances of getting into Harvard. She will be put in the same maybe pile with students who have taken just three APs, and the decision will be made on other factors---GPA and test scores relative to others in her high school's senior class, recommendations and activities.”

*Jay Matthews, education columnist for the Washington Post and creator of the Challenge Index; excerpt from Davidson Institute for Talent Development “Tips for Parents: AP vs IB – Which is best for my kid?” 2011 (5)*

# How much AP or IB is appropriate?

*When you (Harvard) are reviewing applications, does the student who does a full IB program disadvantage him/herself by not additionally taking AP exams presuming the scores are comparable?*

“Goodness, no, students who take the full IB diploma program without taking additional AP exams are in no way disadvantaged in the Harvard College admissions process. Our process considers IB and AP as equally challenging programs and we do not favor one over the other when evaluating an application.

We're not sure why students would take both sets of exams...”

*Harvard College Admissions (7)*

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AP  
Lang

AP  
USH

AP  
Physics



# Registration process

Here is what will happen with our current AL 9<sup>th</sup> grade students:

Meet in AL Chemistry to go over choices, discuss differences, make IB Diploma Plan

Log into Synergy and go to Course Request  
Click button to enter course requests

Meet with counselors one-on-one to make final decisions, review graduation requirements etc.