

# IB Application Information Session

New Westminster Secondary



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IB World School



# IB Diploma Programme

- Opportunity to build your skills for university and earn university credits while in High School
- IB Community of students and teachers
- Especially for IB Diploma students, offers advantageous university application processes and some scholarships
- After graduation, students all tell us it's tough but worth it!
- Visit <https://newwestschools.ca/ib> for more info!



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## 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.

# IB Program Pathways

- **IB Diploma:** 6 main subject courses
  - 1 from each of groups 1-5. Additional group 3, 4, or 6.
  - 3-4 (4 recommended) courses at HL
    - At least one should be English, Global Politics, ESS or French HL for Diploma balance
  - 2-3 courses at SL
- **'Partial' IB Courses:**
  - Select combination of courses of interest. HL courses recommended.
  - Courses will have to work in pairings, which we will know during course confirmation in the spring.

Group 1: English
English Literature HL
English Language and Literature SL
Group 2: Language Acquisition
French B HL (French Immersion)
French B SL
Spanish Ab Initio
Language A Self-Study
Group 3: Individuals and Societies
Global Politics HL/SL
Environmental Systems & Societies HL/SL
Group 4: Sciences
Biology HL/SL
Chemistry HL/SL
Physics HL/SL
Environmental Systems & Societies HL/SL
Group 5: Mathematics
Analysis and Approaches HL/SL
Applications and Interpretation HL/SL

IB Diploma students will also be scheduled in the Core:  
Theory of Knowledge (TOK) + Extended Essay +  
Creativity, Activity, Service (CAS)



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# Group 5: Mathematics

- Math A&A (Approaches and Analysis) – Theoretical/Pure Math
  - SL: Algebra, Functions, Geometry, Stats, Calculus (Equal-ish time each)
  - HL: Deeper exploration of geometry, trig, and calculus. Additional exam paper.
  - Paper 1: No calculator, Paper 2: Calculator, Paper 3 (HL), Calculator
- Math A&I (Applications and Interpretation) – Applied Math
  - SL: Same basic units as above, but less focus on algebra, trig, and calculus. More on stats and functions.
  - HL: Additional focus on Statistics, Geometry and Trig, and Calculus.
  - Calculators used for all exam papers.
- All IAs in Math are a mathematical exploration. Z blocks in 12.
- **Pre-Calculus 11 Pre-requisite for AI HL and both AA courses**



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# Group 5: Mathematics

Choosing the most appropriate course is generally based on what you're considering pursuing at university. **Avoid picking more difficult math courses to "keep all of your options open."** You may actually end up closing some options with a low math score. IB Math HL courses are especially difficult. Be realistic.

**Arts faculty programs**  
(Psychology, Political Science, Sociology, Anthropology, History)

**Math AI SL**

**Data-based science/business**  
(Commerce/business, Biology, Chemistry, Pharmaceutical, Forestry)



**Math AI HL**

**Math AA SL**

**Math AI SL +  
Pre-Calculus 12**

**Theoretical Math focused programs**  
(Mathematics, Physics, Astronomy)

**Math AA HL**

**Engineering**



**Math AI HL**

**Math AA HL**



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# Group 1: Studies in Language and Literature

- English A: Literature – HL
  - Study of local, indigenous and world literature.
    - Internal Assessment: Individual Oral – Connecting text to global issue
    - HL Assessment: HL Essay – process starts in grade 11, completion in grade 12
    - HL (E) blocks in grade 11 (good thing!)
- English A: Language & Literature – SL
  - Study of a varied body of local, indigenous and world literary and non-literary texts.
    - Internal Assessment: Individual Oral – Connecting text to global issue



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# Group 2: Language Acquisition

- Spanish Ab Initio SL
  - For students with no previous formal instruction in Spanish. Must not have Spanish 10.
- French B SL / HL
  - SL: Requires previous instruction in French.
  - HL is for French Immersion students and includes the study of French Literature. Required for FI Dual Dogwood diploma.
- Language A: Literature SSST (School-supported self-taught)
  - Only available to Diploma students.
  - Need fluency in a language other than English.
  - Must be taken in conjunction with English A: Literature (can be SL), not Lang and Lit.
- In Group 2, for all courses there are two exam papers and the IA is an individual oral.



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# Group 3: Individuals and Societies

- Global Politics HL/SL (NOT a course just about govt.)
  - SL: 4 Core Units: Power, Sovereignty, and IR; Human Rights, Development, Peace and Conflict – two exam papers
    - Internal Assessment: Personal Engagement Activity.
  - HL: Self-guided Case Study research
  - HL (E) blocks in grade 11
- ESS HL/SL (Environmental Systems and Societies)
  - Interdisciplinary: Combines Scientific and Social study of the environment.
  - Two exam papers. IA: Written report of a research study.
  - HL (E) blocks in grade 11



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# Group 4: Sciences

- Biology HL/SL, Chemistry HL/SL, Physics HL/SL
  - SL: Two Exam Papers
    - IA: Practical Work (experimentation)
  - HL: Additional content. Still two papers, but longer to encompass additional units.
  - HL (E) Blocks in Grade 12
- ESS HL/SL (Environmental Systems and Societies)
  - Interdisciplinary: Combines Scientific and Social study of the environment.
  - Two exam papers. IA: Written report of a research study.
  - **Can also be used as a group 3 course.**



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# IB Core

- Theory of Knowledge (TOK), Creativity, Activity, Service (CAS), Extended Essay (EE)
- You can take these even if on Partial IB Courses.
- TOK might even help create a possible pairing and grants a BC Philosophy 12 credit after completion in grade 12.



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# Applications: Due January 23rd

- Students should demonstrate intrinsic motivation, resiliency, and reflect the learner profile.
- Recommended B Average in Academic Courses, score of 3 on provincial assessments. All applications considered.



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# Questions?

- For any questions after today's presentation, please feel free to come by my office (3118) any time or contact me by Teams or email at [pkorczyk@sd40.bc.ca](mailto:pkorczyk@sd40.bc.ca)
- <https://newwestschools.ca/ib>



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