

# International Baccalaureate Programme

The International Baccalaureate (IB) programme has a unique academic rigour and emphasises students' personal development. The IB programme aims to do more than curricula by developing inquiring, knowledgeable and caring young people who are motivated to succeed. With these basic traits, IB Organisation hopes students will help to build a better world through intercultural understanding and respect. IB education aims to be informative, not definitive. IB has always championed a stance of critical engagement with challenging ideas, one that values the progressive thinking of the past while remaining open to future innovation. It reflects the IB's commitment to creating a collaborative, global community united by a mission to make a better world through education.

As the IB's mission in action, the learner profile concisely describes the aspirations of a global community that shares the values underlying the IB's educational philosophy. The IB learner profile describes the attributes and outcomes of education for international-mindedness. The aim of all IB programmes is to develop internationally minded people whom, recognising their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.



## IB Learner Profile

### INQUIRERS

We nurture our curiosity, developing skills for inquiry and research

### KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines

### THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems

### COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways

### 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

### OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others

### CARING

We show empathy, compassion and respect

### RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies

### BALANCE

We understand the importance of balancing different aspects of our lives – intellectual, physical, and emotional

### REFLECTIVE

We thoughtfully consider the world and our own ideas and experience



# The IB Diploma Programme

The IB Diploma Programme (IBDP) is an academically challenging and balanced pre-university programme with final examinations that prepares students, aged 16-19, for success at university and life beyond. It has been designed to address the intellectual, social, emotional and physical well-being of students. The programme has gained recognition and respect from the world's leading universities. The IBDP prepares students for effective participation in a rapidly evolving and increasingly global society as they:

- develop physically, intellectually, emotionally and ethically
- acquire breadth and depth of knowledge and understanding, studying courses from six subject groups
- develop the skills and a positive attitude towards learning that will prepare them for higher education
- study at least two languages and increase understanding of cultures, including their own
- make connections across traditional academic disciplines and explores the nature of knowledge through the programme's unique theory of knowledge course
- undertake in-depth research into an area of interest through the lenses of one or more academic disciplines in the extended essay
- enhance their personal and interpersonal development through creativity, action and service

## IB Diploma Programme Curriculum

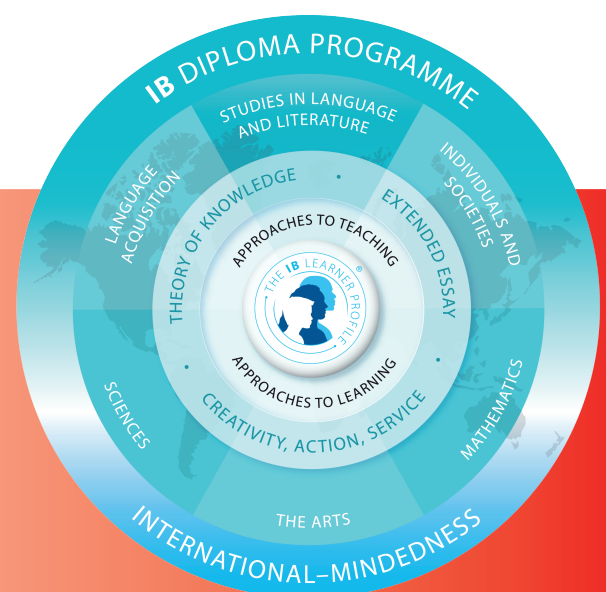
IBDP students must choose one subject from each of the five groups (1 to 5), ensuring breadth of knowledge and understanding in English, additional language(s), the social sciences, the experimental sciences and mathematics. Students must also choose either an arts subject from group 6, or a second subject from groups 1 to 5.

IBDP subjects can be taken at higher level or standard level. At least three and not more than four subjects are taken at higher level (240 teaching hours). Students can study and take examinations, in English, French or Spanish.

- **Group 1:** Studies in Language & Literature
- **Group 2:** Language Acquisition
- **Group 3:** Individuals and Societies
- **Group 4:** Sciences
- **Group 5:** Mathematics
- **Group 6:** The Arts

Additionally, all IB students must complete the following:

- **THEORY OF KNOWLEDGE (TOK)** - an interdisciplinary subject at the core of the IB DP; designed to stimulate critical awareness of bases of knowledge, experience and judgement in human thought and creativity.
- **EXTENDED ESSAY (EE)** – requirement to research, write, and submit for external evaluation a 4,000-word essay on a topic of interest from within the IB curriculum; usually taken from one of their higher level subjects.
- **CREATIVITY, ACTION, SERVICE (CAS)** - students must demonstrate a continuous engagement in extra-curricular, evenly balanced between creative, athletic and community service activities.



# IB Diploma Programme @ SIS

**Sunway International School (SIS)** is launching the IB Diploma Programme (IBDP) in **January 2017** as an additional universities pathway for students. It is the world's fastest growing university preparation programme over the past decade and is currently one of the most widely recognised qualifications for admission into the world's top tiered university.

The strength of the IBDP will be enhanced at SIS by the highly-trained and dedicated Canadian certified teachers that will also be teaching our IB courses. Their knowledge and experience will be a key ingredient to the success of the program as it has been with our Ontario curriculum. Having an incredibly strong base of teachers places us at a distinct advantage in terms of launching and offering the programme.

Similar to the Ontario programme, IBDP has a community service focus, a second language requirement and a Theory of Knowledge (TOK) component that requires students to reflect not only on what they learn but how they learn.

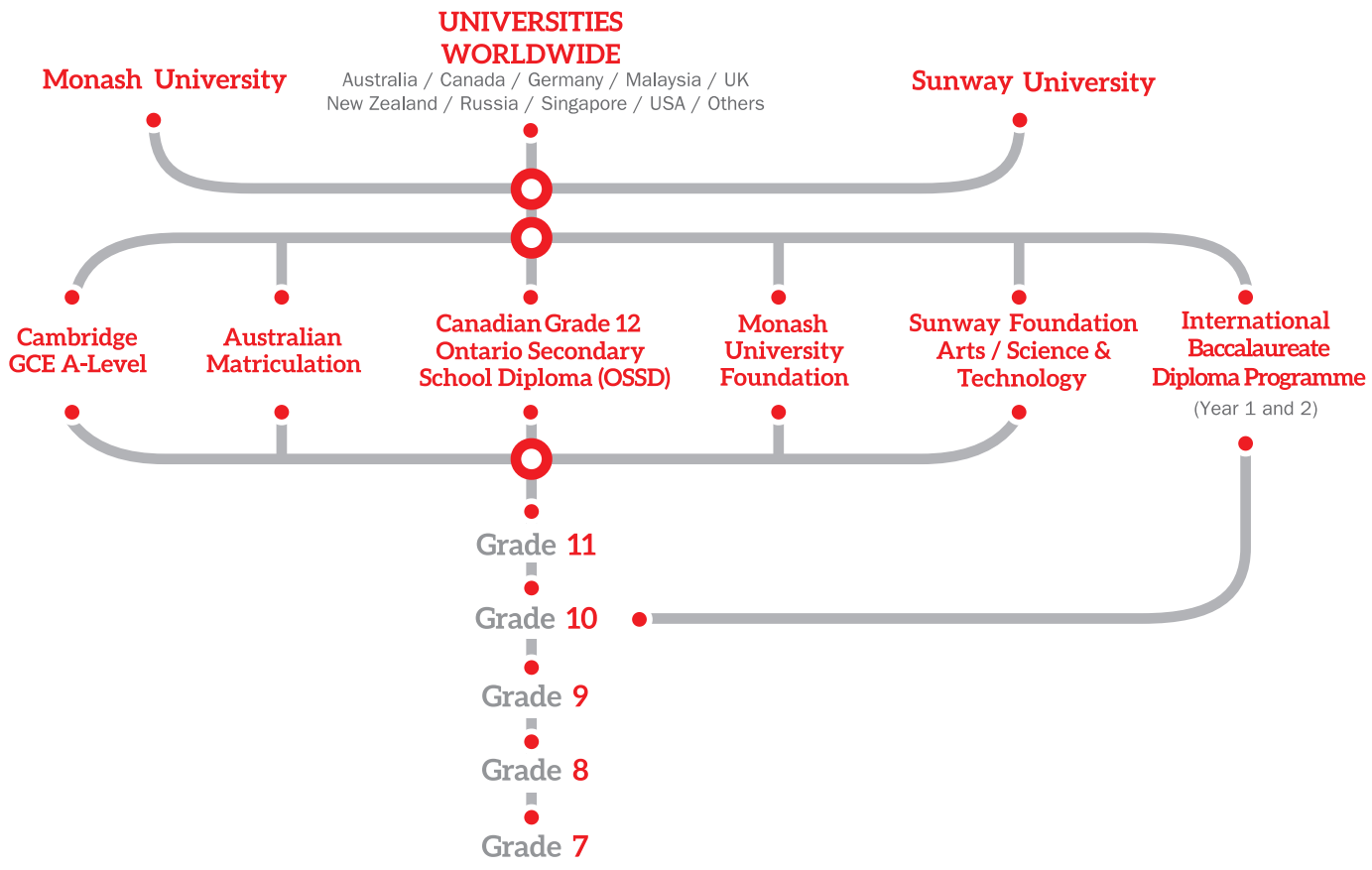
The IBDP is a programme that forces students to not only defend their own perspective, but also to consider and empathize with diametrically opposed points of view. Students will continually engage in a process of discovery learning where they internalise and "make their own sense" of concepts and content.

- A two-year international '**Pre-University**' curriculum towards a globally recognised qualification
- Entry requirements
  - Ontario Grade 10 or equivalent
  - SPM or equivalent
- Taught by certified IB teachers
- Commencement **Year 1** - January
- Completion **Year 2** - November (following year)

- SUBJECTS:**
- English
  - French ab initio
  - History
  - Geography
  - Economics
  - Environmental Systems & Societies
  - Biology
  - Chemistry
  - Physics
  - Mathematics
  - Film\*

\* Subject to change

## SIS-IBDP Pathway



# Similarities Between Two World Class Educational Programmes

	International Baccalaureate Diploma Programme	Ontario Secondary School Diploma
<b>Mission/ Vision</b>	<p>IB aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.</p> <p>The profile of an IB learner would include:</p> <ul style="list-style-type: none"> <li>■ Inquirers</li> <li>■ Knowledgeable</li> <li>■ Thinkers</li> <li>■ Communicators</li> <li>■ Principled</li> <li>■ Open-Minded</li> <li>■ Caring</li> <li>■ Risk-Takers</li> <li>■ Balance</li> <li>■ Reflective</li> </ul>	<p>The Ontario education system vision is that the learner of today will gain high-order skills such as critical thinking and problem solving and knowledge that will lead them to become motivated innovators, entrepreneurs, global citizens and leaders of tomorrow.</p> <p>All Ontario curriculum has a focus on the six C's.</p> <ul style="list-style-type: none"> <li>■ Collaboration</li> <li>■ Critical Thinking</li> <li>■ Citizenship</li> <li>■ Creativity</li> <li>■ Communication</li> <li>■ Character</li> </ul>
<b>Subject Choices</b>	<p>During Grade 11-12, students would have the opportunity for a well-rounded education by taking 6 subjects – one from each of the following subject groups:</p> <p><b>Group 1</b> English  <b>Group 2</b> Second Language (French)  <b>Group 3</b> Individuals &amp; Societies (History, Geography, Economics, Environmental Systems and Societies)  <b>Group 4</b> Experimental Sciences (Biology, Chemistry, Physics)  <b>Group 5</b> Mathematics  <b>Group 6</b> Arts (Visual, Music, Theatre, Film) OR a second subject from Group 1 - 5</p> <p>At least 3 courses are at the Higher level (240 hours) and 3 at the Standard level (150 hours)</p> <p>Total teaching hours over 2 years = 1170 hours</p>	<p>During Grade 11-12, students must select 14 credits from the 29 courses offered. This allows students the flexibility to bundle or specialize in certain subject disciplines. Courses can be selected from the following subjects groups:</p> <p><b>English</b> Grade 11/12 English, Grade 12 Writers Craft  <b>Foreign Language</b> Grade 11/12 French, Mandarin  <b>Business Studies</b> Grade 11/12 Accounting, Marketing, Economics  <b>Computer Studies</b> Grade 11/12 Communication Technology)  <b>Social Sciences</b> Grade 11/12 History, Geography, Sociology  <b>Mathematics</b> Grade 11/12 Functions, Grade 12 Calculus)  <b>Science</b> Grade 11/12 Biology, Physics, Chemistry</p> <p>Total teaching hours over 2 years = 1540 hours</p>
<b>Student Research</b>	<p>Extended essay provides students opportunity to engage in an in-depth study of a question of interest culminating in a 4,000-word paper.</p>	<p>Independent Study Unit, a minimum 15 hour ISU is required in all grade 11-12 courses. Students plan, explore, organise and communicate a topic of interest. The ISU makes students active participants in the learning process.</p>
<b>Reflective Inquiry</b>	<p>Theory of Knowledge seminar is a unique approach to learning that allows students to explore and express different perspectives on knowledge issues, while encouraging the appreciation of other cultural viewpoints.</p>	<p>Character Education permeates the life of SIS. Each school month students examine a virtue/attribute that provides a standard for behaviour against which we hold ourselves accountable. These virtues bind us together across lines that often divide us in society. They form the basis of our relationships and of responsible citizenship.</p>
<b>Co-curricular &amp; Community Service</b>	<p>Creativity, Action &amp; Service (CAS) involves students in activities alongside academics. Creativity encourages students to engage in arts and creative thinking. Action seeks to develop healthy lifestyle through physical activity. Service encourages students to volunteer in the community.</p>	<p>All students must complete a minimum of 20 hours of community volunteer service. SIS students also have access to over 40 clubs, arts, sports and student government after school and on weekends. Co-curricular recognition awards are distributed to all students accumulating 200 points (equivalent to over 400 hours of participation).</p>
<b>Assessment</b>	<p>70% - 80% formal assessment is external and includes examinations at the end of two years or work completed. Some formal assessment is internal, requiring the teacher to mark work before it is moderated by an external moderator.</p>	<p>The prime objective of assessment is to provide feedback to student/ parent on the learning process. Assessment and evaluation is all internal and based on 70% continuous assessment and 30% final assessment.</p>

All info are correct at the time of printing and subject to change without notice.

## SUNWAY INTERNATIONAL SCHOOL (BIF8071)

A member of the Sunway Education Group

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