Anglo-Chinese School (Independent)

The IB Diploma Programme
Briefing Agenda

- IB Curriculum in ACS (Independent)

- University Courses
  - IB subjects Requirements

- Choosing Your IB Subjects
The IB Curriculum

3 Core Requirements
1. Extended Essay (EE)
2. Theory of Knowledge (TOK)
3. Creativity Action Service (CAS)

Six Discipline Groups
- Students are required to take 5 subjects from Grps 1 to 5
  - 6th subject
    - a Group 6 subject
    - a 2nd choice subject from Groups 1 to 4

- Subjects taken at
  - Higher Level (240 hrs)
  - Standard Level (150 hrs)

- 3 HL and 3 SL subjects
The IB Curriculum – 3 Core Requirements

EE, TOK & CAS

All Diploma Programme students must engage in these three activities.

Extended essay
The extended essay has a prescribed limit of 4,000 words. It offers the opportunity to investigate a topic of individual interest, and acquaints students with the independent research and writing skills expected at university.

Theory of knowledge (TOK)
The interdisciplinary TOK course is designed to provide coherence by exploring the nature of knowledge across disciplines, encouraging an appreciation of other cultural perspectives.

Creativity, action, service (CAS)
Participation in the school's CAS programme encourages students to be involved in artistic pursuits, sports and community service work, thus fostering students’ awareness and appreciation of life outside the academic arena.
IB Subjects offered in ACS (Independent)

**Group 1: Language A**
- English: Literature; Language & Literature (SL/HL)
- Chinese: Literature; Language & Literature (SL)

**Group 2: 2nd Language**
- English B/Chinese B/ Malay B/Tamil B/ Hindi B (SL)
- ab initio (SL) – Spanish, French, Mandarin & Malay

**Group 3: Individuals & Societies**
- Business & Management (HL/SL)
- Economics (HL/SL)
- Geography (HL/SL)
- History (HL/SL)

**Group 4: Experimental Sciences**
- Biology (HL)
- Chemistry (HL/SL)
- Physics (HL/SL)
- Computer Science (HL/L)
- Environmental Systems & Societies (SL)

**Group 5: Mathematics & Computer Science**
- Mathematics (HL/SL)

**Group 6: The Arts**
- Music (HL)
- Visual Arts (HL/SL)
THE IB CURRICULUM

Group 1: Studies in Language & Literature

- English A: Literature (HL/SL)
- English A: Language & Literature (HL/SL)
- Chinese A: Literature (SL)
- Chinese A: Language & Literature (SL)

In studying the group 1 courses, students are able to develop:

- a personal appreciation of language and literature
- skills in literary criticism
- an understanding of the formal, stylistic and aesthetic qualities of texts
- strong powers of expression, both written and oral and
- an appreciation of cultural differences in perspective
Group 1: Studies in Language & Literature

- English A: Literature (HL/SL)
- English A: Language & Literature (HL/SL)
- Chinese A: Literature (SL)
- Chinese A: Language & Literature (SL)

To offer English A at Higher Level:

- GCE O Level Programme: scored at least A2 for English Language and had offered English Literature (Core or Elective) before
- Integrated Programme: scored at least Grade 6 for Language Arts
UNIVERSITY COURSES AND CAREERS

- Law
- Journalism
- Business
- Accountancy
- Marketing
- Advertising
- Teaching
- Media Communication
- Publishing
- Social Work
- Mass Media
- Sociology
Group 2: Language Acquisition

2 Levels

- Language B: Chinese/Malay/Tamil/Hindi B (SL)
- Language ab initio (beginner’s language) French, Spanish, Mandarin & Malay ab initio (SL)

To offer an ab initio language, a student must not have taken formal instruction in the language before.

To offer Lang ab initio, students must obtain at least a D7 grade for the GCE ‘O’ Level Higher MT exam. Otherwise they will be required to sit for the GCE ‘A’ Level H1 MT exam.
Grp 2 subjects & MOE Bilingual Policy

1. **Students who have obtained a D7 grade or better for the Higher MT at the GCE ‘O’ Level Examination**
   - Can offer any Group 2 language.

2. **Students who did not meet the above criteria or who took the GCE ‘O’ Level official MT exam**
   - Can offer Chinese B, Malay B, Tamil B or Hindi B
   - Otherwise, students have to sit for the GCE ‘A’ Level H1 MT Examination
Group 2 subjects

3. **Students who are exempted from Mother Tongue**
   - Must offer Language ab initio as a Group 2 subject

4. **Students who have studied Mother Tongue Syllabus B in secondary school**
   - Can offer Language ab initio and must sit for GCE A Level H1 MT Syllabus B exam
   - May be allowed to offer Group 2 Language B – need to consult Dean of Mother Tongue (Mdm Lin Hui)

5. **Students who have studies a MOE approved Foreign Language in lieu of the official MT**
   - Offer Language ab initio and must sit for GCE A Level H1 MOE approved Foreign Language exam
THE IB CURRICULUM

Group 3 - Individuals & Societies

- History (SL/HL)
- Geography (SL/HL)
- Economics (SL/HL)
- Business & Management (SL/HL)
- Environmental Systems & Societies (SL) (ESS) – an inter-disciplinary subject between Geography & Biology

No pre-requisites for Group 3 subjects
Environmental Systems & Societies (ESS) – inter-disciplinary subject

- Inter-disciplines: Biology & Geography

- Places greater emphasis on human attitudes to the environment and on the interrelationships between the natural environment and human activities.

- Meets the requirements of 2 groups namely Grp 3 & 4 through a single subject

- Allows students to have more flexibility in choice of other subjects
Group 4 – Experimental Sciences

- Physics (SL/HL)
- Chemistry (SL/HL)
- Biology (SL/HL)
- Computer Science (HL)
- Environmental Systems & Societies (SL) (ESS) – an inter-disciplinary subject between Geography & Biology

To offer Sciences at Higher Level:
- GCE O Level Programme: scored at least A2 for the target Science subject
- Integrated Programme: scored at least Grade 6 for the target Science subject
University Courses

- **Medicine & Dentistry:** Chemistry (HL) & one other Science (HL) (preferred Science is Biology for some universities)

- **Pharmacy:** Chemistry (HL) & Biology (HL)/HL Physics/HL Mathematics

- **Chemical Engineering:** Chemistry (HL), Physics (HL) & Maths (HL)

- **Engineering:** Physics (HL)/Chemistry (HL) & Maths (HL)
Computer Science HL

- For students who are interested in pursuing careers in the computing industry and wish to study computer science, hardware engineering or software engineering courses in university

- Prerequisite: know Java programming or C++ language or have offered Computer Studies at Year 3 and 4.
Group 5

- Mathematics (SL)
- Mathematics (HL)
Mathematics HL

Designed for students who have already demonstrated a high degree of mathematical competence and interest.

Students must have done well in Elementary and Additional Maths at O level or Core Maths and Advanced Maths at IP Year 4.

To offer Maths at Higher Level:
- GCE O Level Programme: scored at least A2 for Additional Maths
- Integrated Programme: scored at least Grade 6 for Advanced Maths
<table>
<thead>
<tr>
<th>Courses</th>
<th>Subject Prerequisites</th>
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<tbody>
<tr>
<td>Bioengineering</td>
<td>HL Math and either HL Physics or Chemistry</td>
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<tr>
<td>Computer Engineering</td>
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<tr>
<td>Chemical Engineering</td>
<td>HL Math, Chemistry and Physics#</td>
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<tr>
<td>Environmental Engineering</td>
<td>HL Math, Chemistry and Physics#</td>
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<tr>
<td>Civil Engineering</td>
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<td>Mechanical Engineering</td>
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<td>Industrial &amp; Systems Engineering</td>
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<td>Materials Science &amp; Engineering</td>
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Group 6: the arts

- Visual Arts (HL/SL)
- Music (HL)

Visit the subject booths to find out more
Music Elective Programme Scholarship

• Programme prepares students for the IBDP Music at Higher Level

• Criteria
  – Singaporean, S’pore PR or a child of a Singapore citizen
  – A1 pass in ‘O’ Level Music
  – Good GCE ‘O’ Level Results
  – Interview performance
Subjects Prohibitions & Restrictions

- Cannot offer the same language for Groups 1 & 2
- Cannot offer 2 Group 2 subjects
IB Subject Prerequisites

- HL subject: **at least A2 /Grade 6** for the subject in O Level exam / Yr 4 IP
  - For English A HL: A2/Grade 6 for English Language/Language Arts and preference for Literature (Core or Elective)
  - For Maths HL, A2/Grade 6 for A Maths/Advanced Maths

- SL subject: **at least C6 /Grade 4** for the subject in O Level exam / Yr 4 IP
  - For Maths SL, C6/Grade 4 for either Maths subject

- No academic prerequisites for **Group 3 subjects**

- ESS – prerequisite subject is Biology
ASSESSMENT MODES

- **Internal Assessment**
  - Oral exercises, projects, portfolios, class presentations, practical lab work, mathematical investigation & artistic performances
  - Percentage weighting (20% – 40%)

- **External Assessment**
  - Nov written exam and subject components that are externally assessed by an examiner appointed by IB
## IB Subjects Internal & External Assessment

<table>
<thead>
<tr>
<th>IB Subject</th>
<th>External Assessment</th>
<th>Internal Assessment</th>
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<tbody>
<tr>
<td><strong>Group 1: Language A1</strong></td>
<td>Higher Level</td>
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<tr>
<td>1. <strong>Language A: Literature</strong></td>
<td>1. P1 (2 hr): Literary Commentary</td>
<td>20%</td>
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<td></td>
<td>2. P2 (2 hr): Essay</td>
<td>25%</td>
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<td></td>
<td>3. Written Assignment</td>
<td>25%</td>
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<tr>
<td></td>
<td>(Reflective Statement: 300 - 400 words)</td>
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<td></td>
<td>(Essay: 1200 – 1400 words)</td>
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<tr>
<td>1. <strong>Language A: Literature</strong></td>
<td>Standard Level</td>
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<tr>
<td>1. P1 (1 ½ hr): Guided Literary Analysis</td>
<td>20%</td>
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<tr>
<td>2. P2 (1 ½ hr): Essay</td>
<td>25%</td>
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<tr>
<td>3. Written Assignment</td>
<td>25%</td>
<td></td>
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<td>(Reflective Statement: 300 - 400 words)</td>
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<td>(Essay: 1200 – 1500 words)</td>
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|                      | Higher Level  |
|                      | 1. Individual Oral Commentary & Discussion (20 mins)  | 15%  |
|                      | 2. Individual Oral Presentation (10 - 15 mins)  | 15%  |

|                      | Standard Level  |
|                      | 1. Individual Oral Commentary (10 mins)  | 15%  |
|                      | 2. Individual Oral Presentation (10 - 15 mins)  | 15%  |
Award of the IB Diploma

• Diploma award requires
  – Minimum of 24 points
  – TOK/EE/CAS requirements are met
  – Grade requirements are met
    • Refer to handout on Conditions for the Award of the IB Diploma
The IB diploma will be awarded to a candidate whose total score is **24, 25, 26** or **27** points, provided all the following requirements have been met:

(a) Numeric grades have been awarded in all six subjects registered for the diploma.
(b) All CAS requirements have been met.
(c) Grades **A** to **D** have been awarded for both Theory of Knowledge and an extended essay.
(d) There is no grade 1 in any subject.
(e) There is no grade 2 at higher level.
(f) There is no more than one grade 2 at standard level.
(g) Overall, there are no more than three grades 3 or below.
(h) At least 12 points have been gained on higher level subjects.
(i) At least 9 points have been gained on standard level subjects.
(j) The final award committee has not judged the candidate to be guilty of malpractice.
Conditions for the Award of the Diploma

- The IB diploma will be awarded to a candidate whose total score is 28 points or above, provided all the following requirements have been met:

  (a) Numeric grades have been awarded in all six subjects registered for the diploma.

  (b) An approved programme of creativity, action and service (CAS) has been completed.

  (c) Grades A to E have been awarded for both Theory of Knowledge and an extended essay, with a grade of at least D in one of them.

  (d) There is no grade 1 in any subject.

  (e) There is no more than one grade 2 at higher level.
  (f) There are no more than two grades 2 at standard level.
  (g) Overall, there are no more than three grades 3 or below.
  (h) At least 11 points have been gained on higher level subjects.
  (i) At least 8 points have been gained on standard level subjects.
  (j) The final award committee has not judged the candidate to be guilty of malpractice.
Choosing an IB subject

Before deciding on your options, take into account:

– Your interest in the subject.
– Your past experience in the subject – did you enjoy the subject and why did you enjoy the subject?
– Your most successful subjects that you have studied previously
– Your commitment to your studies and ability to work independently.
– Your university and career plans – consult the Senior Admin and teachers.
Choosing an IB subject

1. Select the 3 Higher Level subjects first according to your interests, abilities and future goals.

2. Then select the 3 Standard Level subjects.

3. Check that these choices satisfy your needs and interests, reflect your abilities and meet the requirements of your selected pathway.

4. Ensure that your choices have satisfied the IBDP hexagon group subjects requirements and the subject prerequisites.
Online Subjects Selection

- The selection of IB subjects should be submitted online through the school website http://sms.acsindep.edu.sg/sms/IBDPSubjectSelection/Student/Authentication.aspx by 10 pm, Tuesday 11 February 2014.

- A copy of the Subjects Selection form should be printed out, duly signed by the student and parent and submitted to the student’s OG teacher by 9.00 am, Wednesday 12 February 2014.
THANK YOU