

INTRODUCTION TO SIXTH-FORM 2010-2012

Wednesday 14th October 2009

Mr Neil Turrell

**(Head of Senior School and experienced Head of School offering both A-Level
and IB Pathways)**

Mr Robert Randall (Head of Sixth-Form) Mr Craig Davis (Director of IB)

GROWTH AND OPPORTUNITIES.....

- 'Old' Sixth-Form centre opened in **2001**
- 30 students graduated in **2003**
- Currently have **183** in the Sixth-Form
- Projected numbers for September **2010.....**

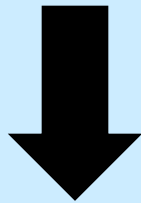
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TANGLIN TRUST SCHOOL SIXTH-FORM PATHWAYS 2010-2012

A LEVEL	TANGLIN CORE		INTERNATIONAL BACCALAUREATE DIPLOMA
3 or 4 A LEVEL SUBJECTS	AS CRITICAL THINKING	THEORY OF KNOWLEDGE	4 IB SUBJECTS PLUS World Literature and Mathematics
	AS EXTENDED PROJECT	IB EXTENDED ESSAY	
	CREATIVITY/ACTION/SERVICE		
18 Hours per week (3/4 x 4.5 Hours)	4 Hours per week		19 Hours per week (6 x 3.2 Hours)

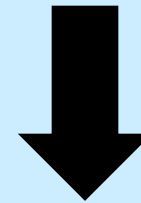
To IB OR NOT TO IB – THAT’S THE QUESTION...

A broad, balanced
and international
education
for the whole person

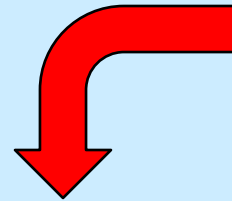
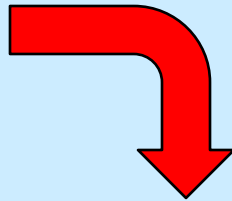


IB

An intensive,
specialist education
in a focused range of
subjects



A Level



UNIVERSITY

A-LEVELS

A-LEVEL PATHWAY

25 Subject Choices

Tanglin Core

AS Critical Thinking – Develop skills in preparation for HE

Students will have opportunities to develop the skills of analysis and evaluation and to present their own reasoning.

Supplement their A-Level subjects

Examination is in January of Y13

AS Extended Project Qualification

An extension to a student's studies at A-Level.

Written project (Approximately 5,000 words)

Presentation

CAS – Creativity, Action, Service

A-LEVELS

- Each A-Level has **4 or 6 Units**
- **2/3** Units at AS Level (Advanced Subsidiary)
Taken at end of Y12
- **2/3** Units at A2 Level (Advanced)
Taken at end of Y13

The AS covers the ***less*** demanding material in an A level course. The A2 covers the ***more*** demanding material

Opportunity at the end of Y12....

$$\begin{aligned} & \text{AS} - 2/3 \text{ Units (End of Y12)} \\ & \quad + \\ & \text{A2} - 2/3 \text{ Units (End of Y13)} \\ & \quad = \end{aligned}$$

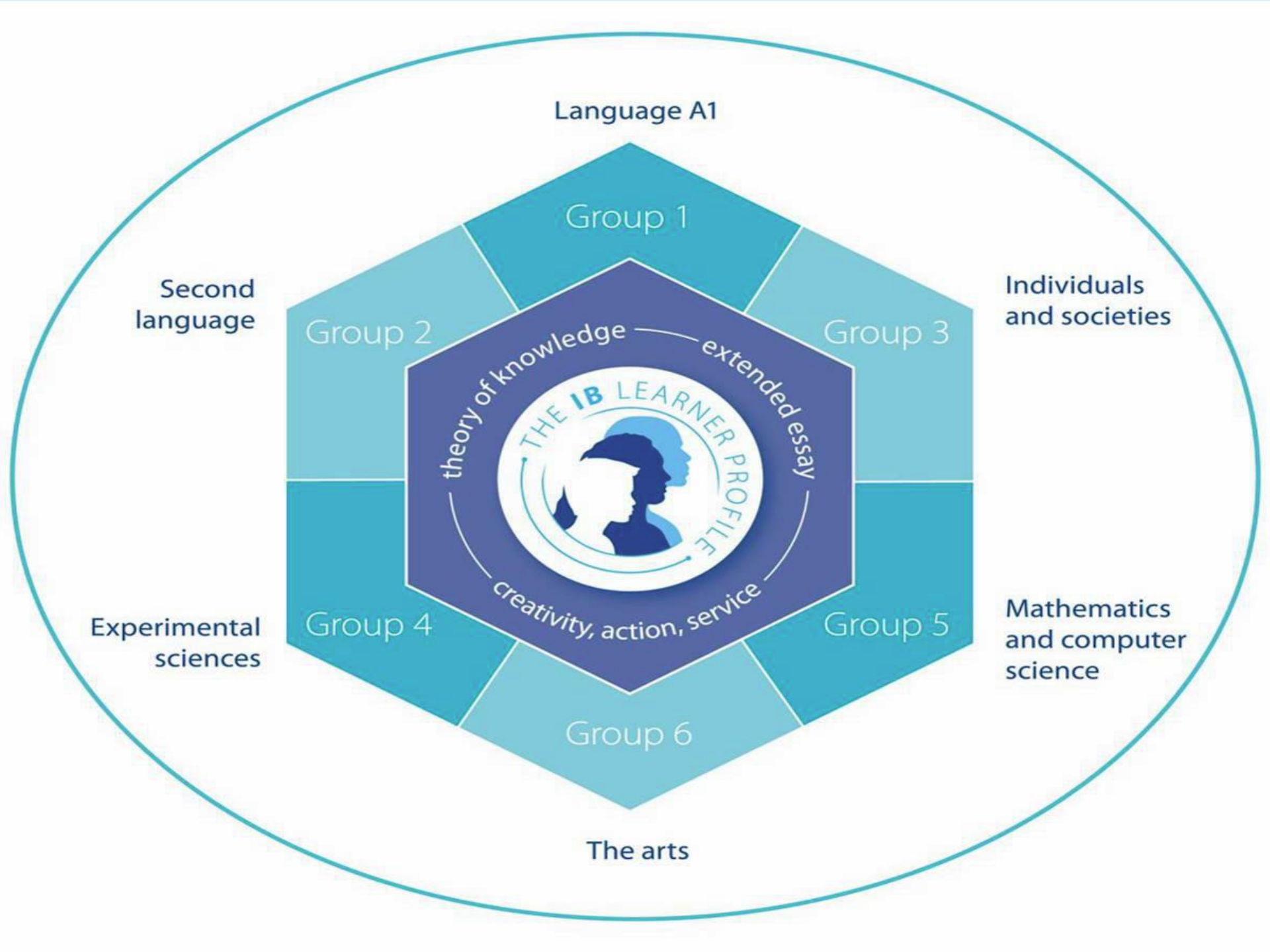
**Final A-Level Grade for
University Entrance**

A-Level subject choices effect university choice

- This year **2** Sciences at A-Level required to study a degree in Biology, Chemistry or Physics
- Chemistry is essential for Medicine
- Mathematics needed for Economics

But.....things may change come 2012

INTERNATIONAL BACCALAUREATE



STAFF WITH CONSIDERABLE IB EXPERIENCE

IB Coordination:	Craig Davis, Sarah Lee
Group 1 Literature:	Sarah Lee, Stephen Coughlan, Craig Davis
Group 2 Languages:	Caroline Andrault, Simon Hatton-Burke
Group 3 Humanities:	Tracy St John, Janette Goss, Takako Yeung
Group 4 Science:	Nicola Broad, Chris Coates , Natalie Binkin
Group 5 Maths	Giles Jacobsen, Chris Allen, Neil Turrell
Group 6 Arts	Jeff Aitken, Craig Davis , Mark Bradshaw
EE:	Craig Davis, Tracy St John
TOK:	Craig Davis, Tracy St John, Sarah Lee

WHAT PEOPLE SAY...

- *“The focus on maths, languages and sciences, subjects I would have dropped had I studied for A Levels, has proved invaluable on a **practical level** - from reading financial accounts and reports to foreign travel and medical support.”* Journalist writing in Education Guardian
- *“When I interview for top jobs I always look for people with a **breadth** of skills and knowledge. The IB Diploma provides this breadth plus language skills and an all-round balance. It invariably gives applicants who hold it an **advantage** over other job candidates.”* Peter Forbes, Royal Bank of Scotland and a School Governor
- *“We wish the whole country was doing it. It’s very rigorous and we find that students with **Higher Level** Biology are very well prepared for a course in medicine.”* Admissions Tutor, St George’s Hospital Medical School, London

PROFILE OF AN IB LEARNER

- *You have to be well organised**
- *The IB Diploma Programme allows you to maintain interests in a broad range of subjects**
- *But you also want to add depth to your study through your Higher Level subjects**
- *You recognise that developing independent research skills through the Extended Essay is essential for university study.**
- *You prefer a linear examination model that assesses you at the end of Year 13**
- *But you also appreciate a range of Internal Assessments (IAs) throughout Year 12 and 13, including a focus on developing oral presentation skills.**
- *You relish the opportunity to ‘Learn Beyond the Classroom’ in a programme that makes CAS a requirement,**
- *Being part of an international programme interests you as global awareness and intercultural understanding will be important in your future life.**
- *Following an integrated diploma programme that embeds Theory of Knowledge issues across your subjects**

THE CURRICULUM

- The Full IB Diploma Curriculum
- Study **6** subjects over two years
- Three subjects at **Higher** Level 240 hours
- Three subjects at **Standard** Level Standard Level 150 hours
- Study of the **Theory of Knowledge** 100 hours
- Completion of an **Extended Essay** 4000 words
- Participation in **CAS** (150 hours over five terms)

GROUP 1: LITERATURE

- Literature A1 - World Literature Course
- Students will study texts in English. They study **novels, plays, non fiction and poetry** from a range of countries and cultures
- At least four of the texts studied are translated texts originally written in non English languages.
- 11 texts at Standard Level/15 texts at Higher level
- Oral Presentations/Coursework Essays/Final Exam

GROUP 2: SECOND LANGUAGE STUDY

- **Languages – choice from Chinese, French, Spanish, German, Bahasa.**
- **3 Tiers:**
 - 1. Language B Higher** Advanced level. Students must have studied this language before at GCSE.
 - 2. Language B Standard.** This course meets the needs of candidates for whom Language B is an academic foreign language. Students *must* have studied this language before at GCSE.
 - 3. Beginners: Ab Initio – Standard Level only.** This course is designed for candidates who are relative beginners. Focus on language acquisition in real contexts. Ideal for non specialists.

GROUP 3: INDIVIDUALS AND SOCIETIES

- ***Possible Choices Standard and Higher Level***
- **Business and Management**
- **Economics**
- **Geography**
- **History**
- **Psychology**
- **Philosophy**
- **Environmental Systems & Society (SL only)
(Transdisciplinary)**

GROUP 4 – EXPERIMENTAL SCIENCES

- ***Possible Choices Standard and Higher***
- **Chemistry**
- **Biology**
- **Physics**
- **Environmental Systems & Society (SL only)
(Transdisciplinary)**

GROUP 5: MATHEMATICS

- **Maths Higher (HL)** - designed for very able students with a strong background in mathematics. Students with A grade GCSE have struggled at this level
- **Maths Standard (SL)** – challenging course that goes beyond GCSE level.
- **Maths Studies (SL)** – focus on Maths skills for life long learning – designed for non specialist mathematicians.

GROUP 6 – ARTS AND ELECTIVES

- ***Possible Choices - Standard and Higher.***
- **Theatre Arts**
- **Visual Arts**
- **Film Studies**
- **Music**
- Students should take a **named** Group 6 course unless they have specific **evidence** highlighting particular Higher Education **requirements** that need a second subject from Groups 2-4. Helps to differentiate IB from A Level.

THEORY OF KNOWLEDGE (ToK)

- Linking subject that unites the hexagon
- 100 hours of teaching
- Embedded: guest lectures/guest speakers/linking questions
- Critical thinking, learning to learn, EQ, information literacy
- Assessment: one take home essay + one 10 minute presentation.
- Provocative themes: How do we know what we know? Who establishes curriculum? What skills are needed for a future world of eight career changes per 16 year old? Exponential knowledge requires flexible/creative thinkers

EXTENDED ESSAY

- Original research. Independent Study
- Extended essay of 4,000 words
- EE Supervisor does not mark work. Helps student focus on specific area and helps to set a question
- 40 hours work. Graded A to E
- Whole school approach – study skills, academic honesty, turnitin.com, Harvard referencing, library portals.

CREATIVITY, ACTION SERVICE (CAS)

- 8 'Learning Outcomes Beyond the Classroom' . 150 hours.
- Whole School ethos: CSR, CCA, Trips, PE/Sports, Performing Arts. CAS across the school.
- The Tutor and CAS Coordinator will decide whether a student has met the passing condition for the IB Diploma
- **Creativity** – the arts or creative thinking in planning
- **Action** – individual and team sports but also taking part in expeditions, local/international projects or promoting a healthy lifestyle
- **Service** – a genuine exchange that has a learning benefit for the student and a positive effect on the community

Post-16 PATHWAY ENTRY REQUIREMENTS

IB

MINIMUM B GRADE AT GCSE FOR EACH OF THE SIX SUBJECTS

IB IS FOR ALL STUDENTS NOT JUST THE ACADEMIC ELITE

A-LEVEL

MINIMUM B GRADE AT GCSE IN THE SUBJECT CHOSEN OR THE SUBJECT CLOSELY RELATED (*HISTORY GRADE B FOR GOVERNMENT & POLITICS*)

THESE ARE MINIMUM REQUIREMENTS AND MAY STILL REQUIRE AUTHORISATION FROM HEADS OF DEPARTMENT AND THE HEAD OF SIXTH-FORM AND IB COORDINATOR.

KEY DATES FOR YOUR DIARY

Closing date for applications to the Sixth-Form
AND Pathway decision – A-Level or IB?

Friday 12th February 2010

AS/IB Options Evening

Monday 1st March 2010

http://www.tts.edu.sg/main/sixth_form