# Understanding the Cambridge Curriculum in South Africa

# MATRICULATING IN SOUTH AFRICA

#### NQF 4

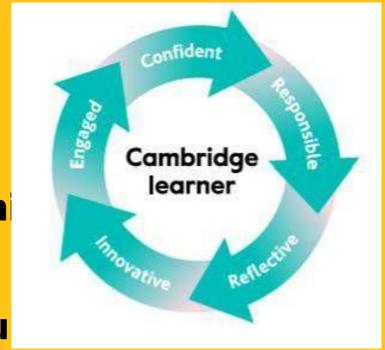
- •DBE, CAPS and the NSC what are they? Which exams are written?
- IEB what it is and how it compares to DBE
- Foreign qualifications eg. GED and Cambridge
- •NBT
- 'Matric' and 'Matric with exemption/Bachelors pass'



Cambridge International School

# WHY FOLLOW THE CAMBRIDGE CURRICULUM?

- Global standard for education
- International recognition & acceptance
- Focus on skills, metacognition and active learn
- National value
- Incredible body of teaching and learning resou available
- Curriculum flexible, challenging and inspiring





Cambridge International School



#### A clear path for educational success from age 3 to 19

#### Cambridge Early Years

#### Age 3+

A play-based programme, with:

- a holistic curriculum
- engaging resources
- <u>support to measure</u>
   <u>progress</u>

6 curriculum areas including Personal, social and emotional development

#### Cambridge Primary

#### Age 5+

- Clear, adaptable curriculum
- Flexible assessment options
- Support and resources
- Insight to understand potential

10+ subjects including English, Mathematics and Science

#### Cambridge Lower Secondary

#### Age 11+

- Clear, adaptable curriculum
- Flexible assessment options
- Support and resources
- Insight to predict performance

10+ subjects including English, Mathematics and Science

#### Cambridge Upper Secondary

#### Age 14+

- Broad, adaptable curriculum
- <u>Fair, valid, reliable</u> assessment
- Support and resources
- Insight to optimise achievement

Cambridge IGCSE™:

70+ subjects

Cambridge O Level:

40+ subjects

Cambridge ICE

#### Cambridge Advanced

#### Age 16+

- In-depth, adaptable curriculum
- Fair, valid, reliable assessment
- Support and resources
- Insight to predict performance

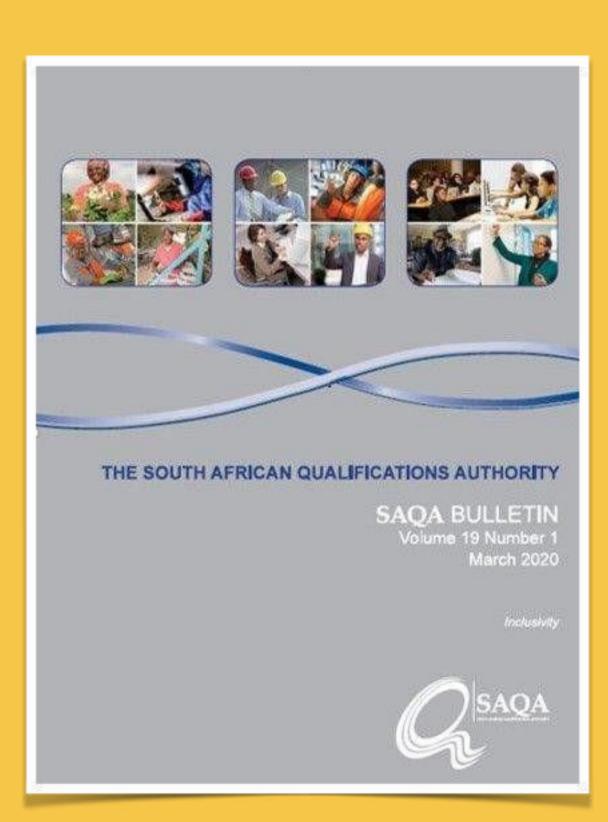
Cambridge
International AS & A
Level: 50+ subjects
Cambridge AICE,
Cambridge IPQ

# WHAT IS SAQA?

- South AfricanQualifications Authority
- Responsible for National Qualifications Framework (NQF)
- Set equivalency levels
- eg. Grade 11 = NQF 3, Grade 12
  - **= NQF 4**
- Matric without

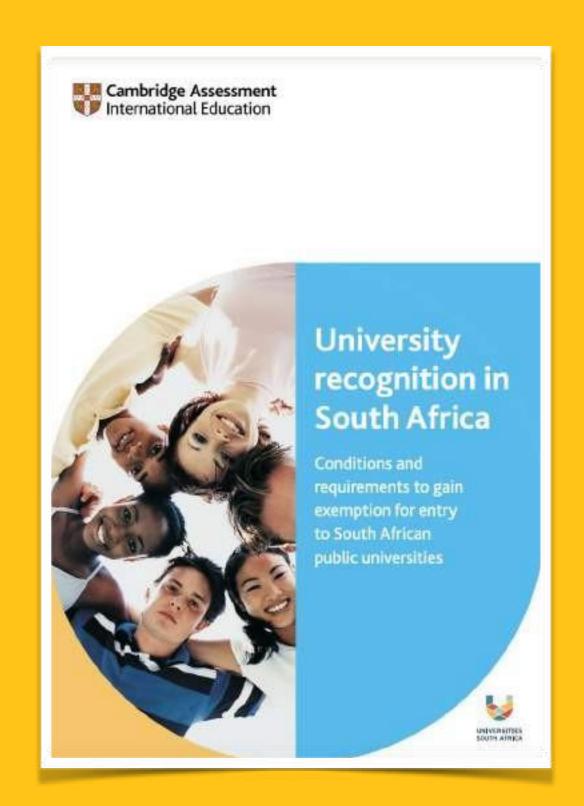
exemption

requirements



# WHAT IS USAF?

- Universities South Africa
- The importance of IGCSEs
- Choosing subjects to meet USAF requirement
- AL, AS & IGCSE
   Combinations to achieve matric exemption
- Matric with exemption / Bachelors pass criteria



# MATRIC VS MATRIC EXEMPTION

- National Senior Certificate (Matric)
  - notaccepted by universities
  - accepted by most colleges
- National Senior Certificate with exemption
  - accepted by universities
  - results dependent



# SAQA GRADE 11 & MATRIC

	TOTAL SUBJECTS (including English Language / mother tongue as a First Language)	LO	WER	HIGHER		
LEVEL		Ordinary	// IGCSE	AS	Advanced	
GRADES		A-E / 1-8	A-C / 1-6	A-E	A-E	
Evaluation: GRADE ELEVEN (11)	5	5		20	2	
	4		3		1	
Evaluation: NATIONAL	6	5			ĭ	
SENIOR CERTIFICATE (without Matriculation Exemption	5		3	2		
	7	5		2		



**OPTION** 1: 3 \* IGCSE ('C') + 2 \* AS ('E')

**OPTION 2:** 5 \* IGCSE ('E') + 2 \* AS ('E')

**OPTION** 3:3 \* IGCSE ('C') + 1 A level ('E')

A FIRST language is compulsory.

### USAF SUBJECT REQUIREMENTS

#### Recognised subject list

Group I	Group II	Group III	Group IV	Group V	Ungrouped but recognised subjects		
English Language Afrikaans		3rd Language (which is not offered as part of Group II requirement)	Art and Design	Accounting	Literature in English (see note below)		
English Language and Literature	Arabic	Biology	Biology	Business	Applied Information and Communication Technology		
Any other recognised First Language (see note)	Chinese	Chemistry	Chemistry Computer Studies Di		Drama		
	Czech	Combined Science	Economics	Computing	Travel and Tourism		
	Dutch	Co-ordinated Science	Environmental Management	Computer Science	Information Communication Technology		
	French	Mathematics	Geography	Design & Technology	-		
	German	Physics	History	Divinity			
	Greek	Physical Science	Mathematics	Further Mathematics			
	Hindi		Music	Information Technology			
	IsiZulu		Physics	Religious Studies			
	Italian		Physical Science				
	Japanese						
For or A Lang	Korean			All Group V subject for grouping purpos Mathematics with a to http://mb.usaf.ac	Ungrouped subjects are recognised/acceptable subjects but do not meet any grouping requirements and therefore will not be taken into account for grouping purposes.		
the A S Lan Juage he A nglisi	Latin						
For the AS Level exemption st. or AS Language and Literature Language for Group II. For the A Level exemption stud AS English Language, AS Englis	Malay						
	Marathi				ses.		
	Nepali			s at Ca ss if th minin za/ex	ment		
	Portuguese			All Group V subjects at Cambridge International AS Level are only recognised for grouping purposes if the candidate has passed IGCSE or O Level Mathematics with a minimum of grade C. For detailed requirements please go to http://rrb.usaf.acza/exemption-requirements/	s and		
dents for gro	Russian				ised/acœp I therefore		
For the AS Level exemption students not offering ASEnglish First Language or AS language and Literature for group I must offer IGCSE English First Language for Group II.  For the A Level exemption students may offer IGCSE Inglish First Language, ASEnglish Language and Literature or A Level Language.	Swahili						
	Setswana				will no		
	Spanish			etaile I AS L	ot be		
	Tamil			SEo	ts bu		
	Telugu			are on rO Le	into a		
	Thai			en tsp	not m		
	Turkish			ognis, olease	ant for		
10	Urdu			2 S			

#### Summary of USAf minimum admission requirements for exemption for Bachelor Degree purposes

Complete exemption	Number of required subjects	Minimum qualification combination	Minimum grade required	Subject group requirements	Notes	
Cambridge International 5 A Level		2 subjects at A Level	E	Students must choose ONE subject from each of Groups I, II and III at either A Level or	More than one subject can be chosen from a group providing that the minimum requirements	
		PLUS 3 subjects at IGCSE/O Level	C	IGCSE/O Level. The fourth and fifth subjects for either A Level or IGCSE/O Level may be taken from any of the groups.		
Cambridge International 4 A Level	3 subjects at A Level PLUS	E	Students must choose ONE subject from each of Groups I, II and III at either A Level or IGCSE/O Level. The fourth subject for either			
		1 subject at IGCSE/O Level	C	A Level or IGCSE/O Level may be taken from any of the groups.	have been met.	
Cambridge		4 subjects at AS Level 5 PLUS 1 subject at IGCSE/O Level	D	Students must choose ONE subject from Group I or II and another TWO subjects from two of		
International AS Level	5		C	Groups III, IV and V. English First Language must be offered and passed at an appropriate level. N.B. Two languages must be offered to qualify for complete exemption.		
Cambridge 5		5 subjects at AS Level D (full credit)		Students must achieve passes in:  - English Language  - at least one subject from Group II  - at least one of the following: Biology, Mathematics, Physics, Chemistry, 3rd Language  The fourth and fifth subjects may be taken from any of the groups.	More than one subject can be chosen from a group providing that the minimum requirements have been met.	

- subject groups
- minimum symbols

# SAQA & USAF



#### CERTIFICATE **OF EVALUATION**

Serial Number 854676

Reference Number

02206270017

**Qualification:** General Certificate of Education (Advanced Subsidiary Level)

2004-01-15

Awarding Body / Institution: Cambridge Assessment International Education (formerly Cambridge International Examinations)

Date of Completion / Award:

Closest Comparable South African

Date of birth:

National Senior Certificate

Qualification / Qualification Type: Organising Field:

Education, Training and Development

Sub Framework Location: General and Further Education and Training Sub-framework

**NQF** Level:

Credits: 130

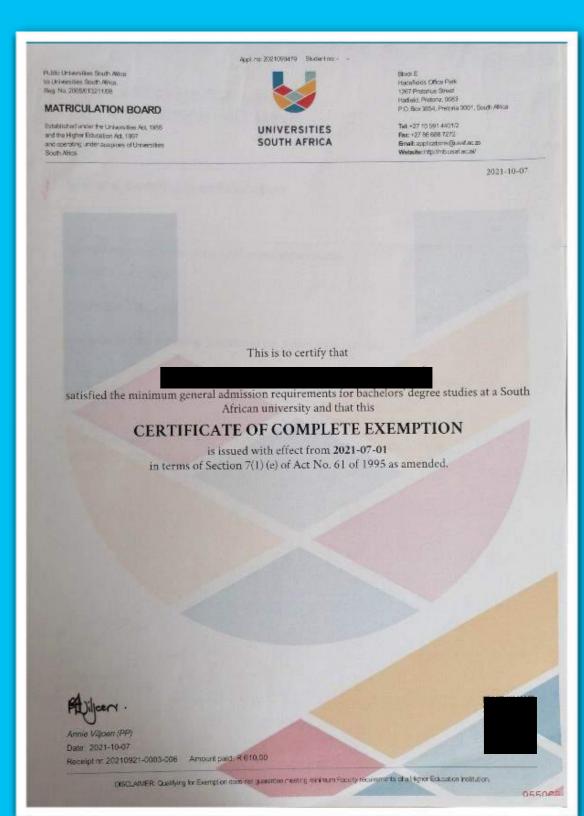
> SAQA verified that, at the time of award of qualifications listed on this certificate, the institutions were part of the national systems in their countries of origin and had the right to award these qualifications. SAQA took all responsible steps to ensure that the qualifications are authentic.

> > SAQA provides a foreign qualifications evaluation and advisory service in terms of the NQF Act 67 of 2008.

above information, for digital certification and sharing by PrivySeal Limited, at 19:57 AM (Africa(3chapresburg) on 29 Sep 2022



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# TERTIARY INSTITUTIONS

- Colleges & Universities of Technology:
  - certificates
  - diplomas
  - Vocational focus
- Universities:
  - under-graduate degrees
  - post-graduate degrees
  - academic focus

# ENTRY INTO SOUTH AFRICAN COLLEGES

- Cambridge specialist at some colleges
- Assist with registration with IGCSE qualification
- SAQA certificate for registration
- delay while waiting for SAQA





### ENTRY INTO SOUTH AFRICAN UNIVERSITIES

- Cambridge specialist
- assist with registration with IGCSE certificate
- USAF Certificates required
- continue while USAF certificate pending
- very highly competitive



# INTERNATIONAL STUDY

- Specific requirements
- Further Mathematics A Level at several universities
- Some expect A or A\* at A Level
- 3 A levels required minimum



### CAMBRIDGE TEACHER?

- To teach at any school in SA you need to be SACE registered
- Have to have a teaching qualification
- No 'Cambridge qualified teacher' but experience with the Cambridge curriculum and potentially have done Cambridge courses eg. marking, assessment, classroom management, subject specific

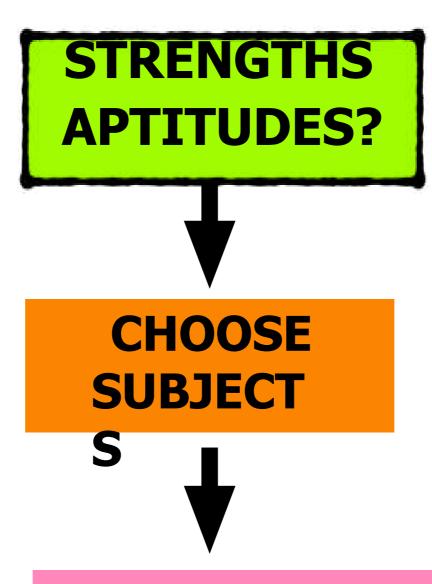
# THE END IN MIND

- Uniquepathways
- Importance of the aptitude test
- Free aptitude tests:
  - gostudy.net







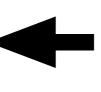




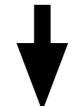




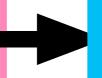
APPLY WITH EXEMPTION











**S A COLLEGE** 



APPLY WITH MATRIC

### LOWER SECONDARY

Grades 7, 8 & 9



College or Vocational Training (NQF 5-8)

**EXIT** 

Online
Study and/or work

Grades 10 & 11 GCSE subjects

7 IGCSE subjects

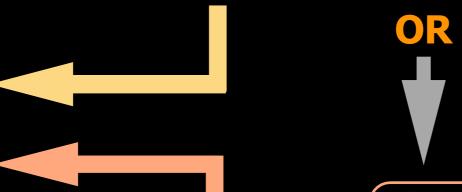
A, B, C symbol

Grade 12 AS 18 months (NQF 4)

5 AS subjects

**EXIT**SA University

Subject groupings apply



Grade 13 (AL) 12 months (NQF 5)

2 or 3 AL subjects

#### **Three Years in Upper Secondary**

2023		2024		2025		
IGCSE (18 months)			AS (18 months)			
Grade 10	Grade 10	Grade 11	Grade 12	Grade 12	Grade 12	
Exams			Exams			
May/June	Oct/Nov	May/June	Oct/Nov	May/June	Oct/Nov	
Internal exams	Internal exams	External Cambridge Exams	Internal exams	Internal exams	External Cambridge Exams	

#### MINIMUM MATRIC EXEMPTION REQUIREMENTS:

**OPTION** 1: 1 \* IGCSE ('C') + 4 \* AS ('D')

**OPTION** 2:5 \* AS ('D')

**OPTION** 3:3 \* IGCSE ('C') + 2 \* A level ('E')

**OPTION** 4: 1 \* IGCSE ('C') + 3 A level ('E')

English FIRST language is compulsory.

Students must take at least 1 subject from group 1,

2 and 3

### TWO SITTING RULE

- USAF requirement ie. for matric exemption
- from the time IGCSE is written, one has 2 years in which to complete AS
- 2 or more A Levels 2 year sitting rule falls away
- AS and A levels have to be written within 13 months of each other
- rewriting an IGCSE to meet two year sitting rule
- a 'sitting' can be spread over two exam sessions eg.
   May and Oct, or Oct and following May

# TWO SITTING RULE EXAMPLE

Series	Qualification	Grade
	IGCSE English Language	C
Manufluora 2010	IGCSE Mathematics	C
May/June 2010	IGCSE Biology	С
	IGCSE Geography	C
October/ November 2010	r IGCSE Afrikaans	
M- // 2012	AS English Language	D
May/June 2012	AS Mathematics	D
October/	AS Geography	D
November 2012	AS Biology	D

# USAF & SAQA APPLICATION

- responsibility of the parent/student
- application and payment online via websites
- USAF certification process can be started prior to writing the AS or A Level exams
- Original Cambridge certificates needed

# NON-EXEMPTION SUBJECTS

- widerange of subjects
- Popular non-exemption subjects:
  - Sociology
  - Psychology
  - Agriculture
  - someforeign languages
  - Enterprise
  - Marine Science



# SUBJECTS WITH COURSEWORK

\*\*FOR ALL SUBJECTS KEEP AN EYE ON SYLLABUS CHANGES\*\*

- Somesubjects require coursework
  - Art and Design
  - Design and Technology
  - Enterprise
  - Drama
  - PE
  - Music
  - Travel and Tourism

# UNIVERSITY COURSE SPECIFIC SUBJECTS

- compulsory Cambridge subjects for specific courses eg. BSc. requires BOTH Physics and Chemistry to a minimum of IGCSE
- contact university & faculty
- examples medicine, engineering, veterinary science

### EXAM CENTRE

- Host the exams, do not set the exams or the mark schemes
- How to become an exam centre, inspectors
- Some of our staff mark exams a supervisor from Cambridge guides you and ensures you keep to the mark scheme provided.
   Marking moderated.

#### **Exam entry process:**

- Applications open November for May/June series, close early
   February
- Applications open June for Oct/Nov series, close early August
- Exam applications close soon after May/June results released, an extra time period given for retake applications.

# EXAM CENTRE

- Application form received and student temporarily entered into Cambridge exam
- Draft statement of entry and breakdown invoice sent to parents,
   check all the details are correct
- After school closing date, payments checked. All students paid for submitted for entry to Cambridge. Closing date is also the final date for withdrawals with reimbursement.
- Payment made in full to Cambridge
- Completed statement of entry sent to parents

### EXAM CENTRE

- After first entry date, late registration applications and fees open
- Afrikaans only available in Oct/Nov
- Some other languages only available in May/June

# EXAMCENTRE

- Access arrangements available extra time, scribe, reader, transcript, prompter, reading pen, word processor, colour naming etc
- Access arrangements applied for per subject entered for.
- Psychologist report required as evidence of need.
- Extra payment required for scribe or human reader as separate room is organised so payment required for scribe/reader and invigilator
- External invigilators, no school teachers

- Timetable is available online Google search 2025
   June or November Cambridge exam timetable
- Centre timetable is only put together once entries close and we know what subjects have been entered for. Centre timetable exact same dates and session supplied by Cambridge. We cannot change the dates or times.
- Dates and session also stated on statement of entry

- AM papers start at 10:00 (generally)
- PM papers start at 14:00 (generally)
- Keytime is 11:00 and 15:00 for South Africa
- Students to arrive 30 minutes before start time
- Students sign register on arrival
- Desks allocated in hall. Name tag with candidate number and photo on the desk.

- Private candidates in appropriate civvies
- All candidates to bring their own stationery. Blue or black pen (non-erasable), pencil, eraser, ruler, calculator (no covers allowed), maths instruments, no correction fluid allowed
- Stationery to be stored in a transparent container
- Water is allowed, bottles need to be transparent with no writing
- No cellphones or smart watches allowed in exam room

# RESULTS

- Results are separated for IGCSE and AS/A Level for January,
   a week apart
- IGCSE and AS/A Level results released on the same date in August
- Log in details supplied by exam centre ahead of results day.
- A few days after results released centre receives component results. Email if you would like component results.

- Centre able to supply electronic statement of results to apply to university. Email to receive.
- Remarks and script return is available at an extra cost.
   Email exam centre to apply. Cost per paper, not per subject. Not available for multiple choice papers.

# GRADE THRESHOLD

- Cambridge Grade Thresholds are the minimum marks a student needs to achieve a particular grade in their exam. For example, if the threshold for an A grade in a Physics paper is 28 marks out of 40, then scoring 28 or more will secure an A. If the threshold for a C grade is 22 marks, then scoring 22 will earn a C.
- Cambridge Grade Thresholds are not set before the exams—they are carefully decided after the exams are marked. The process ensures that grades are awarded fairly, no matter how difficult or easy the paper was. Here's how it works:

#### **Step 1: Analyzing the Exam**

After the exam is marked, Cambridge examiners review the overall performance of all students. They check:

- How challenging the exam questions were.
- How students performed compared to expectations.

For instance, if most students found the paper harder than usual, adjustments are made to the thresholds to ensure fairness.

# GRADE THRESHOLD

#### **Step 2: Adjusting for Difficulty**

The thresholds are adjusted based on the exam's difficulty:

- If the exam was harder than expected, thresholds are lowered. This means students can achieve higher grades with fewer marks.
- If the exam was easier than expected, thresholds are raised to maintain consistency across different exam sessions.

This adjustment ensures fairness for students taking the exam in any given session, whether it's a tough paper or an easier one.

#### **Step 3: Finalizing the Thresholds**

Once the adjustments are made, the final Cambridge Grade
 Thresholds are published. These thresholds ensure that grades reflect both the performance of the student and the difficulty of the exam.

#### CAMBRIDGE RESULTS STATISTICS

#### Cambridge International A Level candidate grades November 2024 Cumulative world totals grades A\* - E

These figures may differ from those of previous November series. This is because there have been some substantial changes in the profile of candidates entered. Also, the awarding standard was adjusted from November 2020 to November 2022 in response to the Covid pandemic. The awarding standard returned to the pre-Covid standard in November 2023.

	% achieving A*	% achieving	% achieving B or above	% achieving C or above	% achieving D or above	% achieving E or above	% receiving AS A-E grades	% candidates ungraded
		A or above						
Accounting	5.7	12.8	22.0	36.5	54.3	74.9	9.1	16.0
Art and Design	0.6	3.2	11.4	32.5	61.0	84.2	7.2	8.6
Biblical Studies	5.0	22.2	50.4	76.1	90.9	97.0	0.4	2.6
Biology	10.3	23.9	40.3	56.4	70.9	82.9	3.6	13.5
Business	2.1	7.2	17.2	34.3	53.7	71.7	4.2	24.1
Chemistry	12.8	27.3	42.3	57.5	71.2	84.6	4.6	10.8
Chinese Language and Literature	40.5	82.6	95.5	98.8	99.8	99.9	0.0	0.1
Classical Studies	2.5	8.0	27.3	51.9	73.7	89.0	2.0	9.0
Computer Science	6.1	14.3	24.2	35.7	50.9	70.8	7.6	21.6
Design and Technology	2.2	10.7	29.3	55.3	79.7	91.6	2.2	6.2
Economics	3.0	12.6	29.2	45.6	62.4	77.7	6.3	16.0
English Language	0.8	4.6	16.6	37.8	60.1	78.7	3.1	18.2
Food Studies	0.7	4.8	19.3	47.6	75.9	95.2	0.0	4.8
Further Mathematics	38.8	64.5	77.6	84.3	88.2	91.5	4.1	4.4
Geography	2.5	6.9	19.5	39.0	60.7	78.8	6.4	14.8
Global Perspectives & Research	0.7	3.9	16.0	43.0	68.7	85.2	8.2	6.6
History	1.3	6.5	21.6	46.6	71.4	88.0	5.0	7.0
Information Technology	2.2	7.3	13.8	25.0	37.7	56.1	13.0	30.9
Law	2.3	8.8	16.3	27.2	38.5	52.8	9.3	37.9
Literature in English	2.9	9.0	22.8	41.5	66.0	86.5	1.8	11.7
Mathematics	9.7	23.7	40.1	57.4	72.8	85.2	5.6	9.2

### CERTIFICATES

- Statement of result certificate received approx a month after results released
- Examination certificate received 6 8
   weeks after results released. Will be notified to collect. Sign for acceptance of certificates.
- Topachiever / Top in country certificates
- Very important to look after your certificates
- Certificates not collected within a year are sent back to Cambridge

#### INTERNAL VS EXTERNAL EXAMS

- Internal school exams written twice a year (June and November) based on past Cambridge exams and marked according to Cambridge mark schemes
- Mark allocation and time allocation based on Cambridge papers to ensure students will cope with external exams
- From LS 7 level students are trained in Cambridge protocols for exams









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