



HKU ACADEMY FOR THE TALENTED STUDY TIPS SHARING 2021



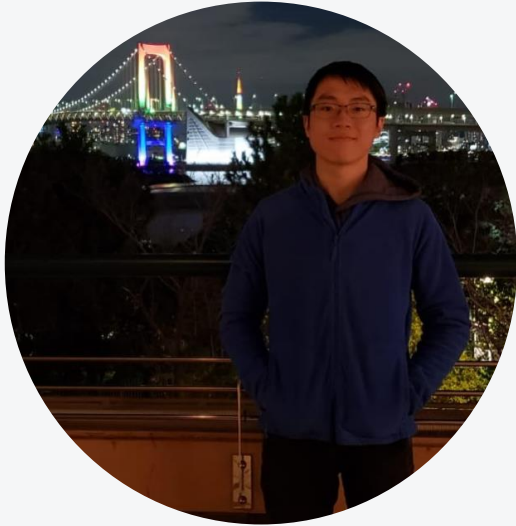
BRYAN FU (MBBS III)
RACHEL LU (MBBS I)



THE UNIVERSITY OF HONG KONG

ACADEMY
FOR THE TALENTED





WHO WE ARE

Bryan Fu MBBS III (M24)

SPCC: Phy-Chem-Bio-M2

Enrichment Year: The Faraday
Institute for Science and Religion
(Philosophy of science & religion,
Theology)

Hall: R. C. Lee Hall



WHO WE ARE

Rachel Lu

HKU M26 (MBBS I)

SPCC

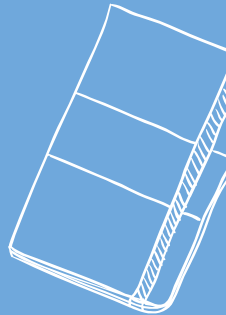
(DSE Chemistry, Biology, Economics)

Asian Medical Students' Association
Hong Kong (AMSAHK)



JUNIOR SECONDARY

Cornerstone of your future studies





1.

RELAX - DON'T OVERSTRESS YOURSELF

“If you compare yourself with others, you may become vain or bitter, for always there will be greater and lesser persons than yourself.”

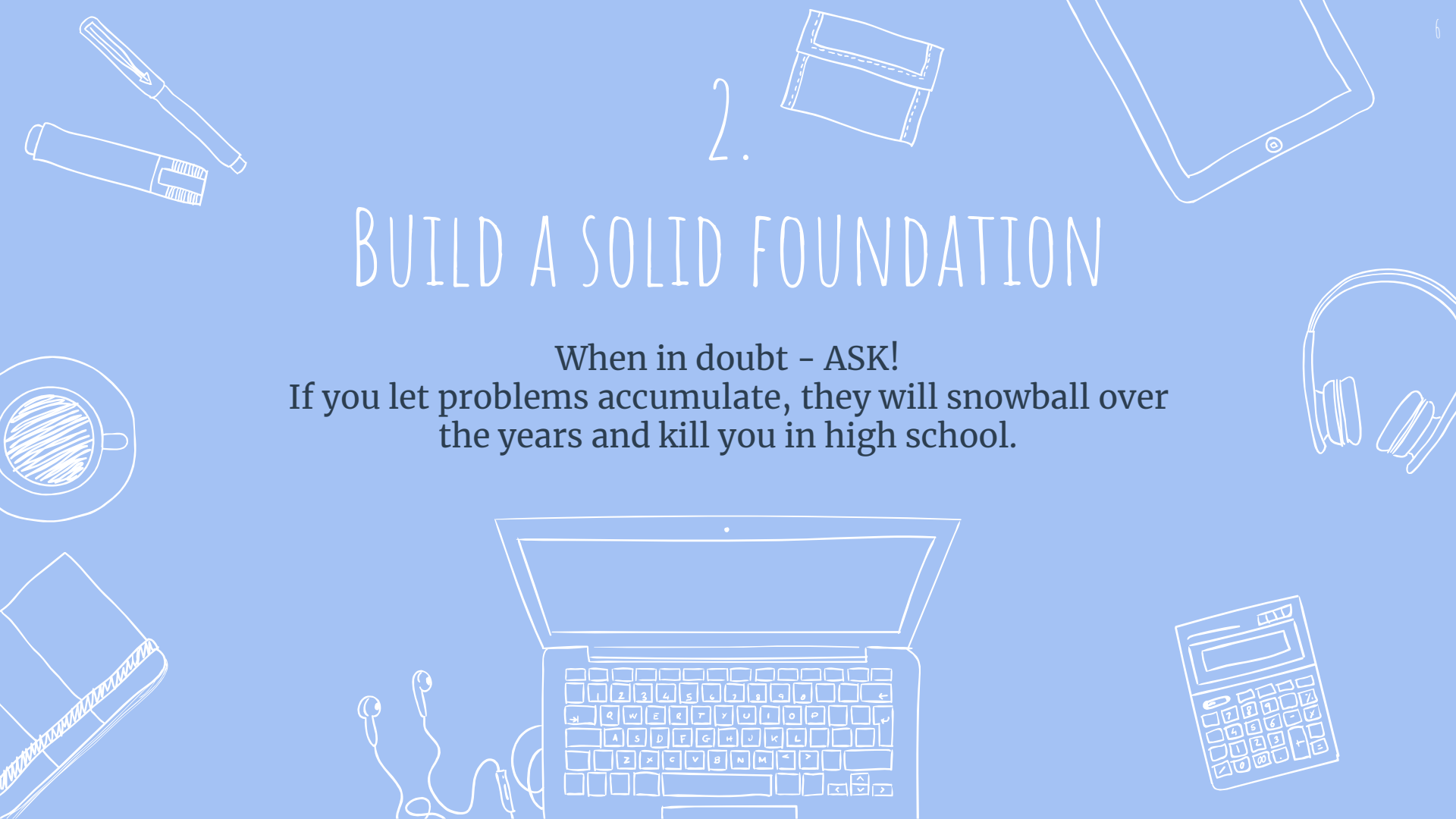
Desiderata, Max Ehrmann

You've got a long way ahead
Don't sprint in the first leg of the marathon
It is making to the finish line that counts

2.

BUILD A SOLID FOUNDATION

When in doubt - ASK!
If you let problems accumulate, they will snowball over the years and kill you in high school.



SPECIFICS FOR SUBJECTS

Maths

Maths is compulsory

- In any curriculum, mathematics is compulsory
- Even if you ***hate*** it
- Especially crucial for science kids
 - Physics
 - Further Mathematics
- Take care of it when you still have time, before you get too busy in senior secondary

What to do

- Practice Practice Practice - Practice makes perfect
 - Doing Maths is like going to the gym - mental weightlifting
 - You don't go to the gym once a week and expect to become muscular - regular practice throughout the year
- Take time to drill and perfect your algebraic manipulation skills
- Drill to understand and apply concepts, not blindly memorizing questions

SPECIFICS FOR SUBJECTS

Chi

Rome is not built in one day

- Quite late to start improving your language skills in senior forms
- Start early in junior forms!

What to do:

- Narrative/Reading skills
 - Watch TV dramas/series **consciously**
 - Do not just do it for entertainment, look for the layout of the plot
 - Resolution of Conflict? Character setting?
 - How are emotions portrayed? Anything special about the scene?
- Argumentative Skills
 - Build a good foundation in writing argumentative essays
 - Pay attention to your C. Hist class, could come in handy in writing
 - Build a database for argumentative essays - special examples could wow the markers
- Learn the Chinese Culture concepts well
 - Useful in Writing and Oral paper

SPECIFICS FOR SUBJECTS

Rome is not built in one day

- Quite late to start improving your language skills in senior forms
- Start early in junior forms!

What to do - Cliche: “Read more, write more, listen more”

- Subscribe to more nutritional content in English
 - TED talk, Vox news, etc.
 - Podcasts in English
- Entertainment in English
 - Netflix w/ English subtitles
- Language as carrier of culture
 - Language skills is not detached from daily life
 - Pay attention to what is happening in the world
 - More exposure to the language as a medium of communication
- Specific writing skills
 - Argumentative
 - Formal Writing

Eng

3.

BALANCING STUDIES AND ECAS

- ❖ **Set your priorities**
 - **Explore your interests**
 - **Join ECAs both inside and outside school**
 - **Community service**
- ❖ **Focus during revision**
 - **Tune out unwanted distractions**
 - **Aim for productivity**

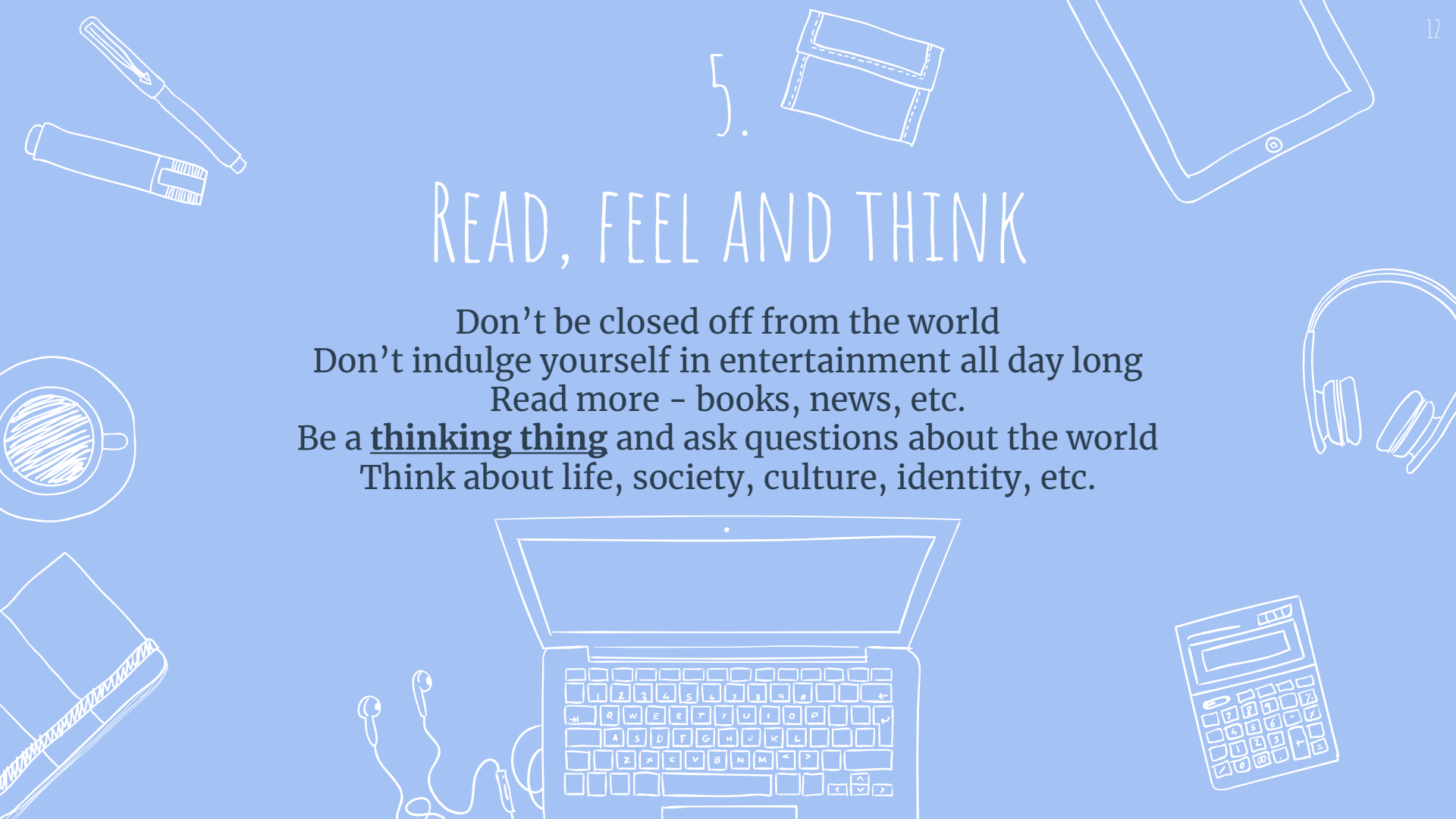
4.

BROADEN YOUR HORIZONS

- ❖ Try new things
 - Learn a new skill
 - Explore who you are and what you are passionate about
- ❖ Develop a global vision
 - Join exchange programmes
 - Read extensively

5. READ, FEEL AND THINK

Don't be closed off from the world
Don't indulge yourself in entertainment all day long
Read more - books, news, etc.
Be a **thinking thing** and ask questions about the world
Think about life, society, culture, identity, etc.

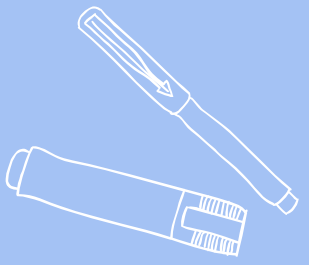




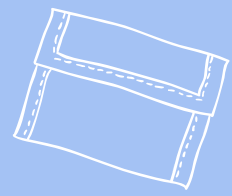
6.

PONDER OVER YOUR FUTURE ASPIRATIONS

What are you good at?
What do you enjoy?
What do you want to be?

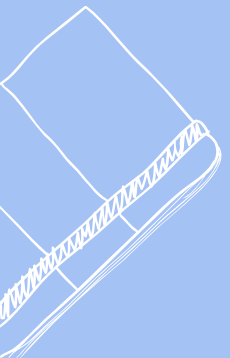


1.



GROW AS A PERSON

Find a hobby
Time management - work-life balance
Learn how to cope with stress
Increase in sophistication
Be a human not a studying machine!





SENIOR SECONDARY

Fight hard to get into university



1. GENERAL MAP AND FOCUS IN THE THREE YEARS

Situation

- Relatively free.
- Not much is covered in elective yet.
- Topics learnt essential for later topics.
- SBAs not yet started.

F4

What you should do

- **Focus on core subjects.**
 - **Skills in core subjects take time to develop**
- Chinese/LS: Master the exam skills and requirements
 - Question type?
 - Structure of essay
 - Elaboration skills (Chi III, LS)
- Improve your English
 - Read more texts in English - no skills for English I
 - Writing in academic English - Argumentative
 - Writing in formal English - workplace communications (English III)

1. GENERAL MAP AND FOCUS IN THE THREE YEARS

Situation

- Getting busier
- SBA starts flooding in - lots of deadline you cannot afford to miss
- Academic stress start brewing
- Leadership position in school (optional) - last chance for building CV

What you should do

- Turn in your best possible SBAs on time!
 - More important than any other homework & results in school
- Continue to improve core subjects for DSE
 - Again, face your weakness - core subject is not something that could be rescued in the last minute
- Start working on past papers in elective subjects.
 - By-topic first
- Tutorial: If you feel like you are lagging behind in some subjects, you have to start going to classes - F6 is too late

F5

1. GENERAL MAP AND FOCUS IN THE THREE YEARS

Summer

- is **NOT a vacation** - you still need to study (a bit)
- Can get some rest and study in a less intense manner
- A lot of free time without assignments and SBA → good time to study

What to do

- First-aid
 - Go to intensive classes for re-learning of difficult topics that you didn't master (e.g. in Physics)
- Study
 - Last chance to go over your notes/textbook in detail and catch up on anything
- Past-paper
 - Ideally should be doing/finishing off by-topic past papers
 - Start CE by year
- Preview
 - Can also preview, learn, and practise topics not yet covered by the school in electives

Summer

DO NOT BURN OUT - STOP IF YOU FEEL VERY STRESSED

1. GENERAL MAP AND FOCUS IN THE THREE YEARS

Situation

- Teaching wraps up.
- Final days in the school.
- Stress to the max.

What to do

- Ditch all your ECAs and leadership positions.
 - Now is not the time for developing your hobbies
- Spend majority of time doing exercise and papers
 - Doing paper should take up most of your time
 - Studying chapter by chapter is not recommended
 - Only review/study topics that you forgot or are not familiar with
- Minimize your entertainment
 - Rest consciously - make sure breaks/entertainment are well-deserved
- Look for help if needed
 - Don't wait until study leave.

F6

2.

SBA IS VERY IMPORTANT

The marks go directly to your DSE
Do not turn in stuff less than your perfection

HKEAA can now change the assessment plan anytime!!
Do not underestimate the importance of any assignment

3. PAST PAPER IS YOUR FRIEND!

Why it is important:

- Active recall – Better retention
 - Simply sitting and studying is not useful in mastering a subject
 - Memorizing textbook is kind of meaningless – DSE is about application of knowledge
- High efficiency
 - Review past topics rapidly
 - Rapidly reveal your weaknesses and knowledge gaps – lots of traps in past papers
 - As opposed to writing, copying, synthesizing your notes
- Understand the key assessment items
 - What often appears
 - How is a certain topic appeared
- Master exam requirements (esp. in Biology)
 - DO NOT JUST READ the question then read the answer
 - Actually writing down is crucial for spotting gaps in your thinking

3. PAST PAPER IS YOUR FRIEND!

Common questions

- ✗ Where to find past papers?
 - Online forums/websites: Lsforum, DSE00, etc.
 - Purchase copies from HKEAA
 - Ask teachers at school
 - Chain tuition schools - often provide well-sorted past paper
- ✗ Recommended Practice Mode
 - HKCEE/HKALE by topic → (HKCEE by year*) → HKDSE by year*
 - Time yourself for *!
 - Check answer question after question - Read marking scheme carefully and find flaws in your own answer/thinking
 - Checking the answer for flaws and learning from mistake is more important than finishing the past paper just for the sake of it
 - Do not assume what you wrote is synonymous with the MS, scrutinize the wordings carefully and follow EAA wherever possible
- ✗ How many years should I do?
 - Recommend all years that you can find, up till 1980/1990
 - Very comprehensive collection of past paper in university library - if you have ties to people with library access
 - Leave 1 or 2 papers for practice right before DSE

4.

FACE YOUR WEAKNESSES

Comfort zone fallacy:

- Spending most of the time studying / doing exercise on the topics you have mastered quite well
- **More time should be spent on topics that are the hardest**
- Start revising the more difficult topics before you get to the simple ones

Ask early:

- ✗ Face the problems and solve them
- ✗ Do not let them snowball until DSE
- ✗ Do not let your esteem get into your way - failure at this moment just means you are not there yet

Seek help actively:

Ask classmates, seniors, teachers, Go to tutorial classes

KNOW WHAT YOU ARE FIGHTING FOR

Best 5 / 4C+2x / CE+3X?

Cost-effectiveness: Core vs Electives?

Weighting? Min score? Requirement of favored degree?

Skills in Core subjects take time to develop

Skills in Electives can be mastered in a relatively shorter time

HKU BONUS SYSTEM

Very important to get Level 5+!


Note: This system is not only adopted by HKU, some other universities are doing the same.

Grade	5**	5*	5	4	3	2	1	U
Score	8.5	7	5.5	4	3	2	1	U



ADMISSION REQUIREMENT + WEIGHTING

<https://aal.hku.hk/admissions/local/admissions-information?page=jupas-admissions-scheme>

 **Undergraduate Admissions for JUPAS Students**
The University of Hong Kong

Why HKU **Admissions Information** Programme Information Secondary Students' Programmes HKU's Stories

For Non-Chinese Speaking (NCS) Applicants

We welcome eligible NCS applicants (both school and non-school) to submit Alternative Qualifications in Chinese Language (ACL), *i.e.* GCSE / GCE *etc.* for consideration in lieu of the general Chinese language requirement.

If NCS applicants submit more than one ACL and / or have HKDSE Chinese Language result during selection, the best result will be considered.

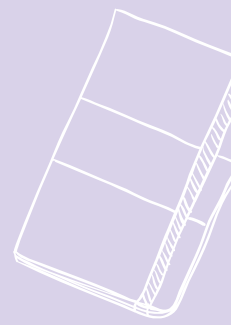
Further information on submissions and verification of ACL is available at the [JUPAS](#) website.

Step 2: Fulfill the Programme Entrance Requirements and Take Note Other Programme Specific Admissions Information

In addition to the standard University Entrance Requirements, some of the University's programmes have additional entrance requirements, which vary from programme to programme.

+ Select a programme here to show the respective admissions information.

You may also click [here](#) to download the tables of Programme Admissions Information.



ENTRANCE REQUIREMENT TABLE

Entrance Requirements

Subjects that will be given heavier weightings range from 1.1 to 2 (indicated with v).

v/ indicates heavier weightings than v.

*Science elective subjects refer to one of the following subjects: Physics, Chemistry, Biology, Combined Science and Integrated Science.

Disclaimer: HKU undergraduate admissions information listed here are for reference only, and should not be used to predict the chance of admissions to any programme.

Code	Programme	Abbreviation	Minimum Level Required					M1/ M2	Specific Elective Subjects / Other Requirements	Selection Principle	Remarks (The selection principles in general consider the Category A subjects only, unless otherwise specified.)
			English Language	Chinese Language	Mathematics	Liberal Studies	Two Elective Subjects				
Li Ka Shing Faculty of Medicine	6456 Bachelor of Medicine and Bachelor of Surgery	MBBS	4	3	2	2	3	-	One of the following at Level 3 or above: Chemistry, or Combined Science with Chemistry component. A good working knowledge of Cantonese is required.	Best 6	The score of Mathematics compulsory part (MA) or the combined score of MA and M1/M2 calculated as below, whichever is higher, will be taken into consideration. $\frac{MA+(M1/M2 \times 0.5)}{1.5}$
	6468 Bachelor of Nursing	BNURS	3	3	2	2	3	-	A good working knowledge of Cantonese is required.	Best 5	Consideration of both Category A and C subjects, excluding M1/M2.
	6482 Bachelor of Chinese Medicine	BChinMed	3	3	2	2	3	-	One of the following at Level 3 or above: Biology, Chemistry, Physics, Combined Science, or Integrated Science. A good command of written and spoken Chinese (Cantonese and Putonghua) is required.	Best 5	Consideration of both Category A and C subjects, excluding M1/M2.
	6494 Bachelor of Pharmacy	BPharm	4	3	2	2	3	-	One of the following at Level 3 or above: Chemistry, or Combined Science with Chemistry component. A good working knowledge of Cantonese is required.	Best 6	The score of Mathematics compulsory part (MA) or the combined score of MA and M1/M2 calculated as below, whichever is higher, will be taken into consideration. $\frac{MA+(M1/M2 \times 0.5)}{1.5}$
	6949 Bachelor of Biomedical Sciences	BBiomedSc	4	3	2	2	3	-	One of the following at Level 3 or above: Biology, Chemistry, Combined Science with Biology component, or Combined Science with Chemistry component.	Best 6	The score of Mathematics compulsory part (MA) or the combined score of MA and M1/M2 calculated as below, whichever is higher, will be taken into consideration. $\frac{MA+(M1/M2 \times 0.5)}{1.5}$

EXAMPLE 1: JS6456 MBBS

Code	Programme	Abbreviation	Minimum Level Required					M1/ M2
			English Language	Chinese Language	Mathematics	Liberal Studies	Two Elective Subjects	
6456	Bachelor of Medicine and Bachelor of Surgery	MBBS	4	3	2	2	3	-

Specific Elective Subjects / Other Requirements	Selection Principle	Remarks (The selection principles in general consider the Category A subjects only, unless otherwise specified.)
One of the following at Level 3 or above: Chemistry, or Combined Science with Chemistry component. A good working knowledge of Cantonese is required.	Best 6	The score of Mathematics compulsory part (MA) or the combined score of MA and M1/M2 calculated as below, whichever is higher, will be taken into consideration. $\frac{MA+(M1/M2 \times 0.5)}{1.5}$

What you know from the table:

- Best 6 subjects considered
- Chemistry is mandatory
- You need a Level 4+ in English
- If your M1/M2 is better than maths, there is bonus by the following formula:
 - $(Core \times 2 + M1/2 \times 1)/3$
- Need to know how to speak cantonese

EXAMPLE 2: JS6901 BACHELOR OF SCIENCE

Code	Programme	Abbreviation	Minimum Level Required					M1/M2
			English Language	Chinese Language	Mathematics	Liberal Studies	Two Elective Subjects	
6901	Bachelor of Science	BSC	3	3	2	2	3	-

Specific Elective Subjects / Other Requirements	Selection Principle	Remarks (The selection principles in general consider the Category A subjects only, unless otherwise specified.)
One of the following at Level 3 or above: Biology, Chemistry, Physics, Combined Science, or Integrated Science.	Best 5	The best 5 subjects must include English Language, Mathematics and the best Science elective subject*, plus the best two among the remaining subjects. M1/M2 can be included. w: Mathematics, M1/M2, Science* Electives v: English Language, Non-Science* Electives

What you know from the table:

- You need Level 3 in at least 1 science subject (Phy/Chem/Bio/CombSc/IntSc)
 - Imply you must do at least 1 science elective
- M1/M2 is counted as one subject
- Heaviest weighting for Maths, M1/M2, Science Electives
- Heavier weighting for English
- “Best 5” is not best 5
 - Is in fact **English, Mathematics, Science, and best remaining 2**
 - M2 is not counted as science in the best 5 formula**

EXAMPLE 2: JS6901 BACHELOR OF SCIENCE

Go to the different faculty websites – may contain more details!

English Language:	Level 3
Chinese Language:	Level 3
Mathematics:	Level 2
Liberal Studies:	Level 2
Elective subjects ¹ :	Level 3 in two subjects



¹ Elective subjects can be any Category A subject, one of them must be a Science subject

Admissions formula

The programme will consider admissions based on the best 5 HKDSE subjects. The best 5 subjects must include English Language, Mathematics, the best Science elective subject*, plus the best two among the remaining Category A subjects and M1/ M2.

Heavier weighting will be given to the following HKDSE subjects:

- Science elective subjects*, Mathematics, and M1/ M2: each subject will be given a weighting of 2
- English Language: will be given a weighting of 1.5

* Science elective subjects: Biology, Chemistry, Physics, Combined Science and Integrated Science

Science, Maths & M1/2 → x2
English x1.5

EXAMPLE 3: JS6864 BSc(QFIN)

Code	Programme	Abbreviation	Minimum Level Required					M1/ M2
			English Language	Chinese Language	Mathematics	Liberal Studies	Two Elective Subjects	
6884	Bachelor of Science in Quantitative Finance	BSc(QFin)	4	3	3	2	3	3

Specific Elective Subjects / Other Requirements	Selection Principle	Remarks (The selection principles in general consider the Category A subjects only, unless otherwise specified.)
-	Best 6	The best 6 subjects must include English Language, Mathematics, M1/M2, plus the best three among the remaining subjects. √: English Language √: Mathematics, M1/M2

What you know from the table:

- You need Level 3 in M1/M2
 - Imply you must do M1/M2
- Level **4** in English is required
- Heaviest weighting for English
- Heavier weighting for Maths & M1/2
- “Best 6” is not best 6
 - Is in fact **English, Mathematics, M1/2, and best remaining 3**

ADMISSION SCORE

<https://aal.hku.hk/admissions/local/admissions-information?page=admissions-information-previous-years>

Admissions Scores of HKDSE Applicants Admitted in 2020

	Code	Programme	Selection Principle	Upper Quartile	Median	Lower Quartile
Faculty of Architecture	6004	BA(AS)	Best 6	36	34	32
	6016	BSC(SURV)	Best 5	32	31	29
	6028	BA(LS)	Best 5	28	28	28
	6042	BA(US)	Best 5	31	29	28
Faculty of Arts	6054	BA	Best 5	26	25	24
HKU Business School	6767	BEcon/BEcon&Fin	Best 6	32	30	29
	6781	BBA/BBA(Acc&Fin)	Best 6	33	32	30
	6793	BBA(IS)	Best 6	32	30	29
	6808	BBA(Law)&LLB	Best 6	44	41	39
	6860	BFin(AMPB)	Best 6	39	38	38
	6884	BSc(QFin)	Best 6	41	38	38
	6896	BBA(IBGM)	Best 6	47	45	44
Faculty of Dentistry	6107	BDS	Best 6	47	45	42
Faculty of Education	6066	BA&BED(LangEd)-Eng	Best 5	29	26	25
	6080	BA&BED(LangEd)-Chin	Best 5	29	28	26
	6092	BED(ECE&SE)	Best 5	23	23	23
	6119	BED&BSC	Best 5	32	30	29

Points to note

1. Different subjects have different requirements and weighting.

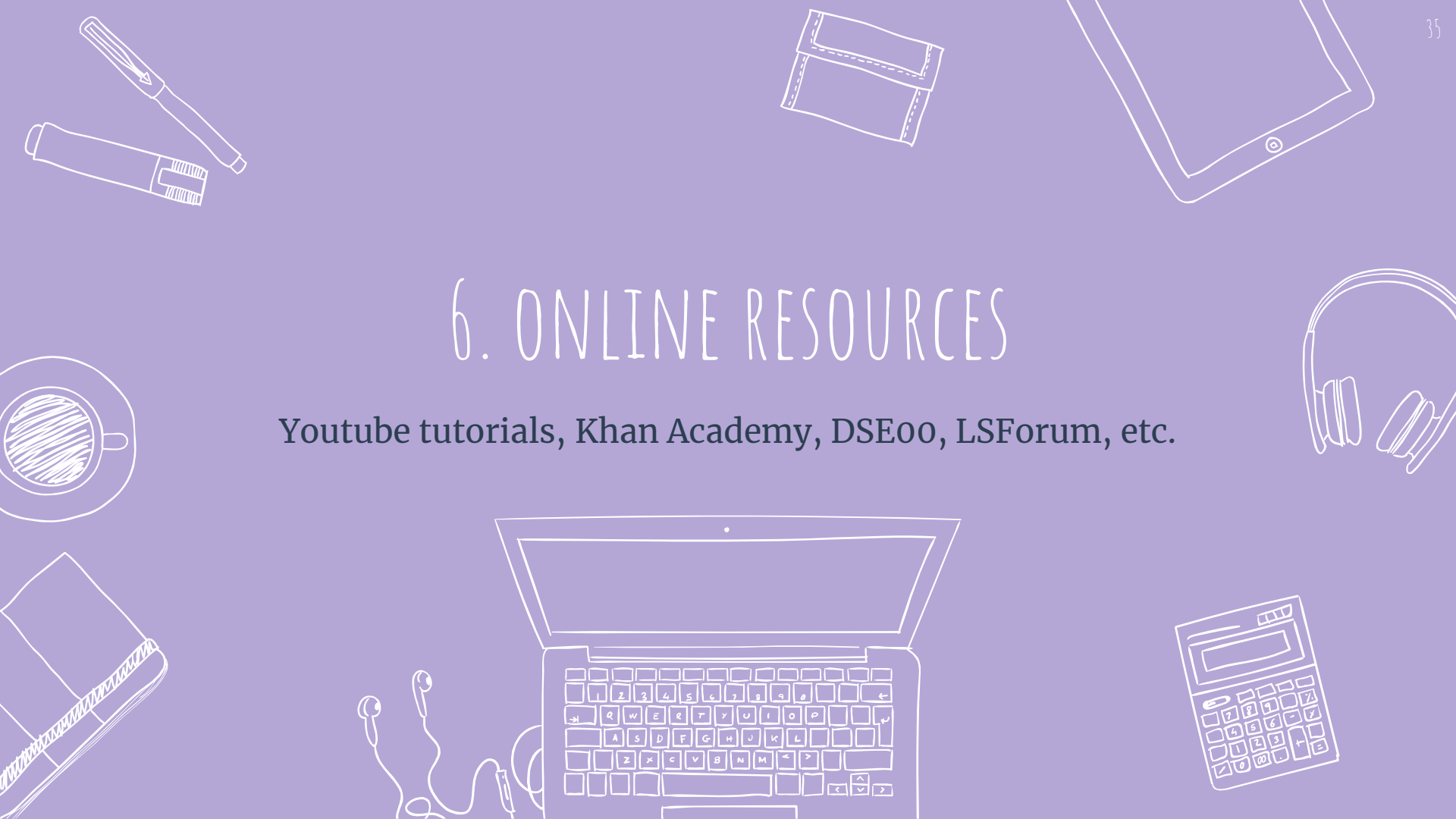
- In some other universities, weighting makes a huge difference
- E.g. When considering electives, other universities may offer a x2 for science subject [HKUST/PolyU]
- In the case where a Physics student got 4 but you, as a Geography student got 5, you will only get 5, but the Physics student will have a score of $4 \times 2 = 8$.
- It is crucial that you do subjects that align with the requirement/preference of your favorite degree.
- **For HKU, note that the admission score table is only a sum of the score under the HKU bonus system. The weighting of individual subjects is for internal ranking of candidates by faculties only.**

2. Allocate your time wisely

- Not all 7 or 8 subjects are counted
 - Some degrees will include a few subjects in their “best 5”/”best 6”
- Channel your efforts into a few important subjects if you cannot handle everything
 - With HKU Bonus System, you become more competitive by getting a 5+
 - Very beneficial to do well in subjects with heavy weighting
- Know the admission score (Median/Lower Quartile) to keep track of your progress
 - Make realistic goals
 - Know how far away you are from your dreams!

6. ONLINE RESOURCES

Youtube tutorials, Khan Academy, DSE00, LSForum, etc.

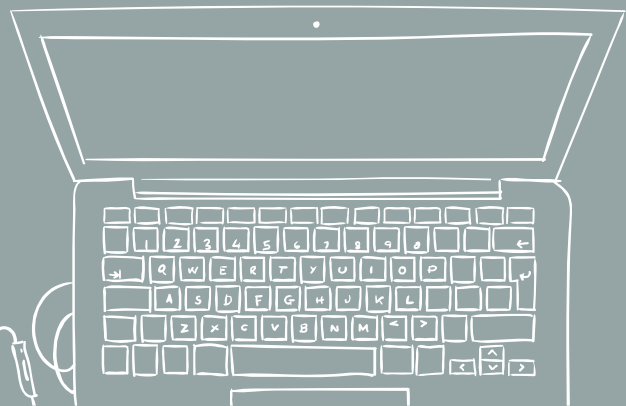
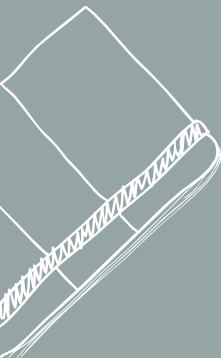
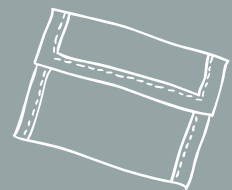
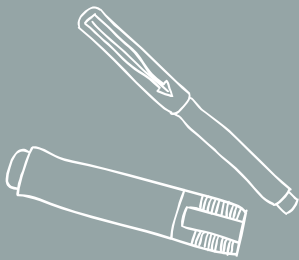




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UPCOMING EVENTS





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ACADEMY FOR THE TALENTED



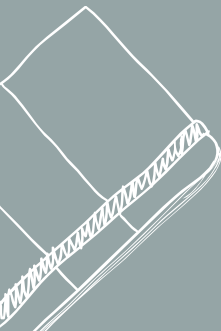
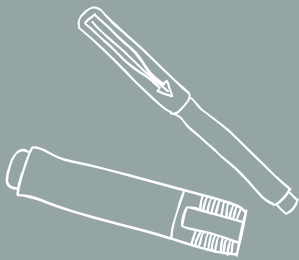
ELIGIBILITY

S. 2-6 or Grade 9-12 from secondary schools

LEARN MORE:



talented.hku.hk





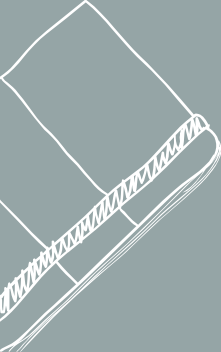
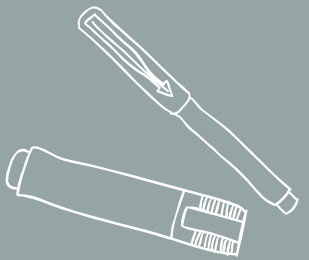
ACADEMY FOR THE TALENTED ENGLISH PROGRAMME (ATEP)

A ten-week online English programme for Arts and Humanities
with topics on United Nations Sustainable Development Goals

**Two modules for
Secondary 2 to 4 and Secondary 5 to 6 respectively.**

Date: Late February to April (weekly online class)

Fees: HK\$3,200



Is it ok not to be ok?

Recognising and Managing Stress and Anxiety in talented students



THE UNIVERSITY OF HONG KONG
ACADEMY
FOR THE TALENTED

March 12, 2021 (Friday)
430pm to 530pm



For Top Scorers

STUDY TIPS

Non jupas

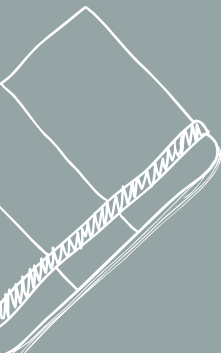
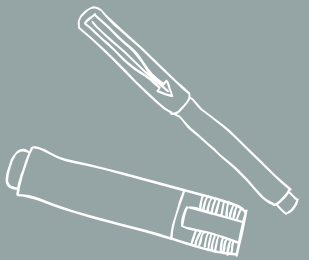
HK

ESTABLIS

1911

APRIL 7 (WED)

16:30 TO 18:00





- APRIL 8-9, 2021 (SCHOLARSHIP \$400)
- * FACULTY OF DENTISTRY
- * FACULTY OF ENGINEERING, DEPARTMENT OF COMPUTER SCIENCE
- * FACULTY OF SCIENCE
- * LI KA SHING FACULTY OF MEDICINE



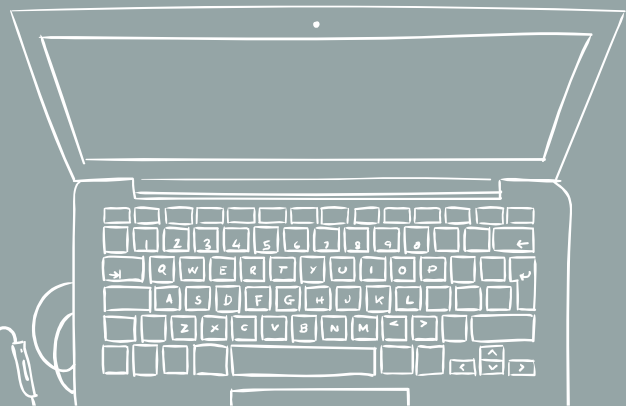
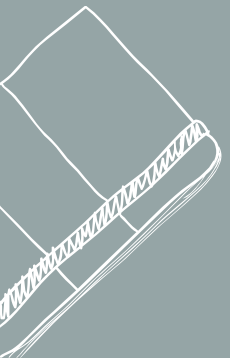
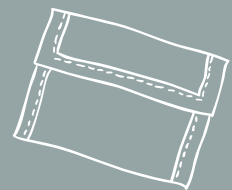
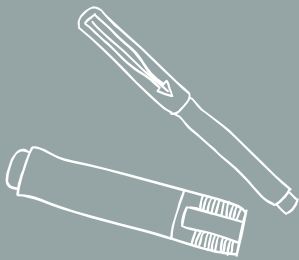
ESTABLISHED
1911



THE UNIVERSITY OF HONG KONG

ACADEMY
FOR THE TALENTED

ACADEMIC PROGRAMMES & SCHOLARSHIPS





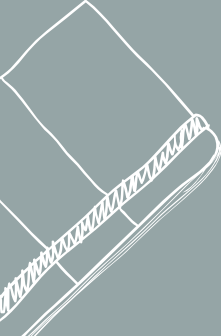
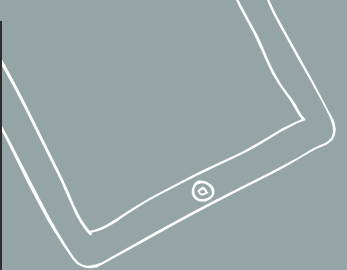
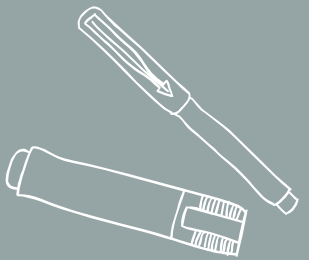
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HKU BUSINESS ACADEMY FOR THE TALENTED COOPERATIVE INNOVATION BOOTCAMP

JULY 12 - 16, 2021

5-DAY INTENSIVE JOURNEY TO CREATE
INNOVATION WITH HKU STARTUPS





Virtual
International
Symposium on
STEM 2021
Education

Innovation and Transformation for a Better World





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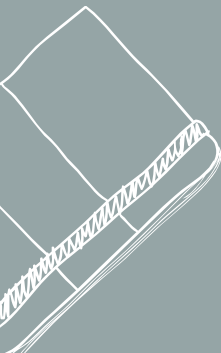
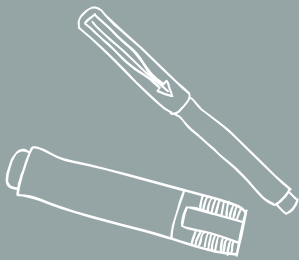
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HKU JUNIOR NEUROSCIENCE ACADEMY FOR THE TALENTED

2021

JULY 19 - 23, 2021





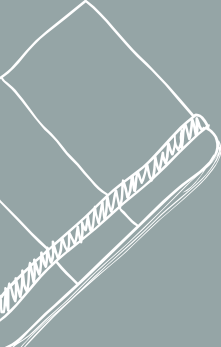
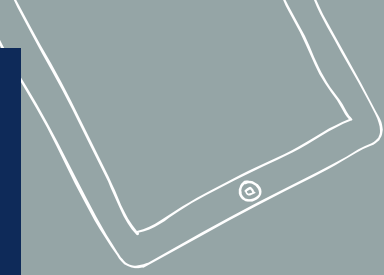
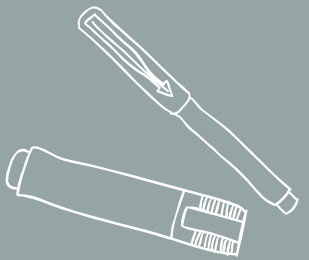
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ACADEMY FOR THE TALENTED**

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Faculty of Law
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FACULTY OF SCIENCE

- Explore Planet Earth, its Hazards, Resources and Environmental Change
- Introduction to Astronomy
- Mathematical Laboratory and Modelling
- MARTHA 數藝同行
- Techniques of Counting
- University Mathematics I
- University Physics
- Understanding stereochemistry with molecular models and 3D printing



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FACULTY OF ARTS

- Translation for Beginners

FACULTY OF ARCHITECTURE

- Career Discovery in Architecture