余振強紀念第二中學
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3rd April 2023

Dear Parents,

Secondary 4 Elective Subject (2023-24) Survey

Secondary 3 students will be promoted to senior secondary next school year. The Senior Secondary Curriculum of our school includes four core subjects, two elective subjects and one additional subject.

Subject choices for students in the Senior Secondary Curriculum are as follows:

Core subjects (Compulsory)： Chinese, English, Mathematics, Citizenship and social development	4 subjects
AND	
A. Elective (Remark 1)	2 subjects
AND	
B. Additional Subject (Remark 1 and 2) (i) Mathematics Extended Part Module 2 (Third elective subject) OR (ii) Applied Learning (APL) OR (iii) STEAM (School-based curriculum)	1 subject

(Remark 1) What subjects offer depend on the school's development needs, the availability of course providers and other factors

(Remark 2) Subjects are offered in accordance with the EDB's initiative 'Optimising the Four Senior Secondary Core Subjects'.

We are now collecting the preference of parents and students on the Secondary 4 elective subjects for the coming year. Please fill out this survey form after discussion with your child based on his/her ability, interest as well as career plan, and then return it to the class teacher **before 18 April 2023** for preliminary statistics.

Parents should be aware that the school will decide the final combination of subjects according to the school's development needs. For any inquiries, please contact the class teacher or Ms. Tsui Chi Pong Rachel. Thank you.

Yours faithfully,

Li Tak-fai, Stephen
Principal

Renew; Enlighten; Succeed

Secondary 4 Elective Subject Survey (2023-24)

A. Elective Subjects	Preference (1 – 3) **(1 = The Highest 3 = The Lowest)** ***Please choose 3 subjects only**
Physics	
Chemistry	
Biology	
Economics	
Chinese History	
History	
Information and Communication Technology	
Physical Education	
Visual Arts	
Ethics and Religious Studies	

B. Additional Subject	Preference (1 – 3) **(1 = The Highest 3 = The Lowest)**
Mathematics Extended Part Module 2 (Third elective subject)	
STEAM (School-based curriculum)	
Applied Learning (APL): Aviation Studies	

(Detailed information of additional subjects, please refer to the attachment)

Student Name : ____________________

Class : ____________________ (______)

Parent's Signature : ____________________

Date : ____________________

增修科簡介
Introduction of Additional Subjects

數學科延伸部份 單元二 (第三科選修科)

數學科延伸部分是為日後進修及工作中需要更多數學知識和技能的學生而設，也為對數學有興趣和具備足夠程度、可因修讀更多的數學而受益的學生提供多一個選擇。延伸部分旨在拓展學生在必修部分以外的視野。學生若修讀延伸部分，須處理一些較必修部分更為複雜的問題。

單元二（代數與微積分）是為那些希望從事與數學有關的職業、並希望在高中階段學習更高深的數學知識的學生而設，它旨在：

- 提供必修部分以外的技能與概念；
- 強調數學的理解，以便學生將來學習涉及較多數學知識的學科；及
- 幫助學生為將來深造和就業作準備，建立穩固的代數與微積分的基礎。
-

課程内容可參閱以下連結：
https://www.edb.gov.hk/attachment/tc/curriculum-development/kla/ma/curr/CA_2017_tc.pdf

資料來源：課程發展議會與香港考試及評核局聯合編訂《數學教育學習領域課程及評估指引(中四至中六)》

Mathematics Extended Part Module 2 (Third Elective Subject)

The Extended Part is designed for students who need more mathematical knowledge and skills for their future studies and careers, and for those whose interests and maturity have been developed to a level that enables them to benefit from further mathematical study in different areas. The Extended Part aims at extending students' mathematical horizons beyond the Compulsory Part. Students have to handle more complicated problems in the Extended Part than in the Compulsory Part.

Module 2 (Algebra and Calculus) is designed to suit the needs of students who will be involved in mathematics-related fields and careers, and those who would like to learn more in-depth mathematics at the senior secondary level. It aims to:

- provide students with skills and concepts beyond the Compulsory Part;
- emphasise understanding of mathematics for further progress in mathematically inclined disciplines; and
- provide students with a concrete foundation in algebra and calculus for their future studies and careers.

The link for detailed Curriculum and Assessment guide:
https://www.edb.gov.hk/attachment/en/curriculum-development/kla/ma/curr/CA_2017_e.pdf

應用學習

應用學習是高中課程的選修科目之一，課程內容實踐與理論並重，與寬廣的專業和職業領域緊密連繫，配合核心科目、選修科目及其他學習經歷，構成靈活的科目組合，讓學生體驗全面的學習經歷。學生可以從課程中學習相關的基礎理論和概念，發展入門技能、與職業相關的能力及共通能力，探索自己的事業抱負和終身學習方向。

開辦的應用學習科目	課程提供機構	教學語言	課程內容及相關資訊
航空學	香港大學專業進修學院	雙語（中文和英文)	https://www.apl.hkuspace.hku.hk/aviation

Applied Learning

Applied Learning (ApL) courses are elective subjects within the senior secondary curriculum. ApL offers studies with equal emphasis on practice and theory linked to broad professional and vocational fields. A flexible combination of ApL with core subjects, elective subjects and Other Learning Experiences helps provide students with holistic learning. ApL aims to enable students to understand fundamental theories and concepts, develop their beginners' skill set, career-related competencies and generic skills. ApL helps students explore their career aspirations and orientation for lifelong learning.

ApL course offered	Course provider	Medium of instruction	Course content and related information
Aviation Studies	HKU (SPACE)	Bilingual (Chinese & English)	https://www.apl.hkuspace.hku.hk/aviation

STEAM 教育 (校本課程)

STEAM 高中課程旨在培養學生創意及解難能力，並提高綜合學科的協作技巧。學生透過跨科學習元素，可以更好地裝備自己，迎合社會發展的需要。

課程內容會包括: 室內設計、軟硬件編程、機械人製作、手機應用程式開發及遊戲軟件開發、電腦平面繪圖設計、三維立體建模等。

課程將推動學生參與學界 STEAM 相關的比賽（機械人足球、機械人擂台、任務及解難賽等等)，讓學生有多元化的 STEAM 體驗。

STEAM Education (School-based curriculum)

The STEAM curriculum for senior forms aims to cultivate the innovation and creativity of students, improve their problem-solving skills and integrate the knowledge of different subjects.

By introducing interdisciplinary integration in the curriculum, students will be well-equipped to meet future challenges. The curriculum will include: Interior design, mobile apps development and gaming development, hardware and software programming, robotics, vector graphic design and 3D modelling, etc.

Students will participate in local STEAM related competitions including robotic soccer, sumo, mission-based tournaments, and experience multi-disciplinary STEAM topics in various aspects.