



漢華中學 HON WAH COLLEGE

Biology

生物科

The Biology curriculum aims to provide students with the learning experiences related to biology, to develop scientific literacy and to prepare them for pursuing further studies or employment in the fields related to life sciences, so that they will be able to actively engage with the rapidly changing knowledge-based society in the future and become a lifelong learner in science and technology.

To achieve the above mentioned objectives, classroom activities in everyday lessons such as reading textbooks, collating notes, questioning, answering, discussions, exercises, tests and examinations will be arranged for students to instill and deepen basic biology knowledge in them. Moreover, appropriate experiments and field studies will be organized for enhancing students' interest in the subject and developing the relevant experimental skills. Below are some photos of the Biology-related activities during the academic year 2022-23.

生物課程的宗旨是為學生提供與生物學相關的學習經歷，培養科學素養，讓他們在與生命科學相關的領域中進一步學習或就業作好準備，使學生將來能夠積極投身於迅速變化的知識型社會，並成為科學與科技的終身學習者。

為達至以上提及的目標，平日課堂會通過閱讀教科書、整理筆記、提問、作答、討論、練習及測考等課堂活動灌輸和深化基礎生物學知識。此外，還會安排適合的實驗和考察，以增加學生對科目的興趣和練習相關的實驗操作技巧。以下是上學年至本學年一些與生物相關的活動照片。



Through the dissection of the digestive system of a rat, student can have a deeper impression of the structure of digestive system
通過老鼠消化系統的解剖，學生能對消化系統的構造加深印象。



The teacher is explaining to students the skills they need to pay attention to when performing dissection
老師正為學生講解進行解剖時一些技巧上須注意的地方。



Through the dissection of a cow's eye to consolidate the knowledge students learnt on the structure of the eye
教授了眼睛的構造後，學生通過牛眼的解剖，鞏固對眼睛構造的認識。



Students are practicing the skill of using a pipette to accurately dispense a sample volume of solution
學生正在練習用移液管準確抽取樣本溶液量的技巧。



Students are practicing the skills of mixing solutions
學生正在練習混和溶液的技巧。



Students are practicing diluting solution by pipetting the exact volume of solution.
學生正在練習用移液管準確抽取溶液量來稀釋溶液。



Knowledge of flower structure learnt in class has been consolidated through conducting experiment, dissection and observation by students
課堂上講解了花的構造，學生進行實驗解剖和觀察，鞏固課堂上所學的知識。



Arboriculture lecturer are invited to introduce the contents and prospects of arboriculture programme, and students can also try to use the tools to personally measure the health conditions of a tree
邀請樹藝講師到校介紹樹藝課程的內容和出路，學生更能親身嘗試使用工具測量樹木的健康狀況。