Y.A.L.C.

e-Summer! Programme 網上暑期課程

In this special summer holiday, YALC offers special programmes to your child, hope they have a fruitful and fun summer break at home!
在這個特別的暑假期間，YALC為您的孩子提供特別的課程，
希望他們在家中有一個充實且有趣的假期！

Science 科學

Advance STEM Challenges 進階STEM挑戰 (Aged 13-16 歲)

This course aims at challenging the advance level of science to the participant in three different levels:
課程目標是挑戰參加者STEM邏輯性思考及運用：

1. Computer science logic: Using world renowned Turing Tumble set — a marble-powered mechanical machine to learn computer logics and is developed by computer science professor in the US. Students will create their own computer logic machine and many more logic machineries. (It does not require a computer for this activity).
   電腦科學邏輯：利用由美國電腦科學教授設計的波子運算機 Turing Tumble 來學習電腦邏輯。學生會設計簡易計算器、及很多不同邏輯運算機 (此部份課程不需使用電腦軟件)
2. Climate Change: Using MIT-developed climate interactive simulation to understand and decide what measures we can use to lower the impact of global warming.
   氣候改變：利用由美國麻省理工大學開發的氣候互動軟件來學習如何令氣候問題得以改變
3. Environmental Investigation: Using Google environmental app to investigate light intensity, sound intensity, sound pitch, motion, magnetic strength in our environment.
   環境實驗：利用美國谷歌公司開發的環境應用程式來探索環境中的光度、聲量、聲頻、速度及磁力，從而進行家中的科學探究 (參加者要預備智能手機或平板電腦)

Date and Time 日期及時間： **5-7/8** 14:00 - 16:00 (2 hrs per lesson 每節 2小時)

Fee 費用: HK$3,300 (including material fee and a Turning Tumble set 包括材料費）

Online DIY S.T.E.M. Cardboard Challenges 網上STEM科學動手咭紙挑戰 (Aged 6-12歲)

This course is designed to challenge the participant STEM experience and to learn from Nature. We will be using cardboards and other household items to conduct this online challenges.
這課程是挑戰參加者對STEM的體驗及向大自然學習如何解難。我們利用咭紙及一般的家居用品來進行這次網上挑戰。

1. Create robotic arm and design their own robotic hand specialty to learn engineering design thinking
   製作機械手及用工程設計改良機械手來進行不同任務
2. Design a mobile phone sound non-battery-powered amplifier to learn sound energy principles
   設計一個不需用電池的擴音器來學習聲能原理
3. Create catapult to learn about leverage and projection angle
   製作一個投石器學習槓杆效應及投射角度
4. Learn from Nature. Find out how some of the inventions that we are using daily are inspired by nature. 認識日常生活中那些物件的發明是向大自然學習而來的成果

Date and Time 日期及時間： **3-5/8** 9:30-11:00 (1.5 hrs per lesson 每節 1.5小時)
12-14/8 9:30-11:00 (1.5 hrs per lesson 每節 1.5小時)
Fee 費用: HK$2,500 (including material fee 包括材料費）

Online Astronomy Explorer 網上天文探索 (Aged 6-12歲)

1. Learn the planets in our Solar System through special interactive software.
   利用模擬軟件來認識太陽系行星及衛星
2. Learn how to use star map and constellation explorer card game to locate the constellations.
   學習用星圖及星座歷奇紙牌遊戲辦別星座及深空星體
3. Build your own simple telescope and learn the optics in telescope.
   製作簡易望遠鏡並學習望遠鏡中的光學原理
4. Find out how to launch your own paper rocket.
   認識太空人生活，火箭原理和製作紙火箭
5. The secret of solar eclipse 探索太陽及日蝕的秘密
6. Is Alien really exist? 外星人真的存在嗎?

Date and Time 日期及時間： **29-31/7** 14:00-15:30 (1.5 hrs per lesson 每節 1.5小時)
10-12/8 14:00-15:30 (1.5 hrs per lesson 每節 1.5小時)
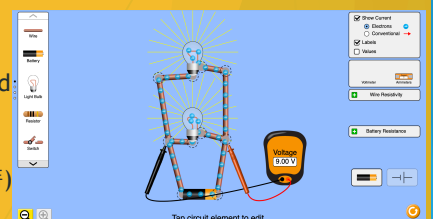**Fee 費用: HK$2,500 (including material fee 包括材料費）**

Online Science Simulation Challenges 網上科學模擬實驗挑戰 (Aged 6-12歲)

This course is using different simulations and science investigation apps to learn the various principles of science.
這課程是採用不同模擬軟件及科學應用程式來學習不同科學原理

1. Circuit : Find out the relationship of current and voltage in a simulation software. Learn the electronic component symbols and how to draw circuit diagram.
   電路：模擬製作電路從而找出電流及電壓的關係
2. Climate Change: Using MIT-developed climate interactive simulation to understand decide what measures we can use to lower the impact of global warming.
   氣候改變：利用由美國麻省理工大學開發的氣候互動軟件來學習如何令氣候問題得以改變
3. Environmental Investigation: Using Google environmental app to learn light intensity, sound intensity, sound pitch, motion, magnetic strength in our environment.
   環境實驗：利用美國谷歌公司開發的環境應用程式來探索環境中的光度、聲量、聲頻、速度及磁力，從而進行家中的科學探究
4. Star and Planet motion: through a planet motion simulator to learn and understand interactive relationship of planets and stars.
   星體的軌跡：模擬宇宙中不同星體的軌跡，從而了解它們之間的互動關係

Date and Time 日期及時間： **27-29/7** 09:30 - 11:00 (1.5 hrs per lesson 每節 1.5小時)

Fee 費用: HK$2,500 (including material fee 包括材料費）

Remarks備註：
- *Materials will be posted to you before class starts, courier fee (HK$30-50) is cash on delivery*
  上課開始前材料將寄送到你家中, 快遞費（約HK＄30-50）為貨到付款
- *For age 6 to 8, it is advised to have an adult to assist with the experiments*
  建議6至8歲學生有成年人陪伴進行實驗
- *The above programmes are collaborated with **Achievers Track** 以上課程與**Achievers Track**合辦*

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掃描二維碼報名

Y.A.L.C.

e-Summer! Programme 網上暑期課程

Coding PRO 電腦編程

Design and Code Your First Game 設計和編寫您的第一款遊戲 (Aged 8-10歲)

Students will be introduced to HTML, CSS, and JavaScript, and will be building their very first adventure game. They will practice the fundamentals of video game development and use techniques like flowcharting to plan their games. The hands-on exercises and individual activities will help students gain clarity in the world of game development. In addition to learning programming, students will improve their computational thinking skills, become better collaborators and effective presenters. This course is a great introduction for younger students with or without prior coding experience. 課程將向學生介紹HTML，CSS和JavaScript，並將構建他們的第一個冒險遊戲。 他們將會實習開發視頻遊戲的基礎知識，並使用流程圖等技術來設計遊戲。 透過學生親手練習和個人活動，將幫助學生更透徹了解遊戲開發的世界。 除了學習編程，學生還將提高他們的電腦思維能力，成為更好的協作者和有效的演講者。 本課程對於有或沒有電腦編程經驗的年輕學生都是一個很好的入門課程。

Date and Time 日期及時間： 10-14/8 11:30am-1:30pm (2 hrs per lesson)
Fee 費用: HK$1,800 (10 hours 小時)

The above programmes are collaborated with BSD.Education 以上課程與BSD合辦

Fitness 體能訓練

e-Fitness 網上體能訓練 (Aged 5-8 / 9-14歲)
Professional coach guide students to perform physical training activities online, so that children can maintain a proper amount of exercise at home
由專業教練在線帶領學生進行體能訓練活動，讓孩子在家保持適當的運動量

Aged 5-8歲, Fee 費用: HK$950 (5 hours 小時)
　　27-31/7/2020, 10:00am-11:00am <u>OR 或</u>　1:30pm-2:30pm
　　3-7/8/2020, 10:00am-11:00am <u>OR 或</u>　1:30pm-2:30pm

Aged 9-14歲, Fee 費用: HK$950 (5 hours 小時)
　　27-31/7/2020, 11:15am-12:15pm <u>OR 或</u>　2:45pm-3:45pm
　　3-7/8/2020, 11:15am-12:15pm <u>OR 或</u>　2:45pm-3:45pm

Remarks備註：
- *For age 5 to 7, it is advised to accompany with an adult 建議5至7歲學生有成年人陪伴進行課堂*

The above programmes are collaborated GMF 以上課程與GMF合辦

Playgroup 幼兒遊戲組

Joyful Summer e-Playgroup 網上暑期英語遊戲組 (Aged 2-2.11 / 3-5歲)
Offering fun-filled and wide range of activities for children to enjoy a fruitful Summer holiday!
為孩子提供充滿樂趣的多元化活動，讓他們享受一個充實的暑假！

Aged 2-2.11歲，45mins each lesson 每堂45分鐘，最多max. 4人
　　7-8/8/2020 (Fri to Sat 星期五至六) 9:30am-10:15am. Fee 費用: HK$420 (2 lessons 堂)
　　10-12/8/2020 (Mon to Wed 星期一至三) 9:30am-10:15am. Fee 費用: HK$630 (3 lessons 堂)
　　13-15/8/2020 (Thu to Sat 星期四至六) 9:30am-10:15am. Fee 費用: HK$630 (3 lessons 堂)
　　17-18/8/2020 (Mon to Tue 星期一至二) 9:30am-10:15am. Fee 費用: HK$420 (2 lessons 堂)

Aged 3-5 歲，60mins each lesson 每堂60分鐘, 最多max. 6人
　　7-8/8/2020 (Fri to Sat 星期五至六) 10:30am-11:30am. Fee 費用: HK$440 (2 lessons 堂)
　　10-12/8/2020 (Mon to Wed 星期一至三) 10:30am-11:30am. Fee 費用: HK$660 (3 lessons 堂)
　　13-15/8/2020 (Thu to Sat 星期四至六) 10:30am-11:30am. Fee 費用: HK$660 (3 lessons 堂)
　　17-18/8/2020 (Mon to Tue 星期一至二) 10:30am-11:30am. Fee 費用: HK$440 (2 lessons 堂)

Remarks備註：
- *accompany with an adult 需有成年人陪伴進行課堂*

Remarks備註：
- **Classes are Conducted via Zoom 上課通過Zoom進行**
- **All classes are conducted in English 所有課堂以英語進行**

Online Registration only 只接受網上報名:
https://www.art-mate.net/doc/57310
Limited quota, first-come-first-served 名額有限，先到先得

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YALC

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