

STEM
SCIENCE TECHNOLOGY ENGINEERING MATHS

教學方法校本工作坊

School-Based Workshop in STEM Methodology

引言 Forward

STEM 教育發展迅速，中小學老師著意找尋最佳教學方法。澳門科技大學持續教育學院籌劃了「STEM 教學方法校本工作坊」，採用澳洲昆士蘭 STEMPunks 教育機構過往 STEM 教學及在該省老師持續專業培訓經驗，為澳門中小學提供校本工作坊，讓全體老師透過參與一同交流切磋。

With the surge in STEM education, teachers in primary and secondary schools may be eager to find the best approach to teach the subject. This workshop focuses on teaching methodologies developed in Queensland, Australia for their students with experiences drawn by STEMPunks, a training organisation from their CPD training with Queensland teachers in STEM teaching. Macau teachers can be benefited from the exchange. Mr. Damien Aldridge, senior lecturer, is responsible for the program delivery.

簡介 Introduction



以"激勵未來的創新者"為使命，工作坊的理念關鍵在於引導創造和創新思維，內容並以高效的方法將創意轉化為切實的成果。

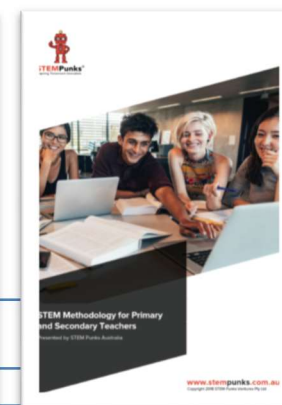
The mission statement is 'to Inspire Tomorrow's Innovators'. The workshop will focus on enhancing innovation and creativity and to transform ideas into tangible outcomes - Fast.

STEM 教學方法校本工作坊 School-Based Workshop in STEM Methodology

STEM 教學方法工作坊由 STEMPunks 資深講師 Mr. Damien Aldridge 作示範教學，以不同的教學方法，激發學生的學習興趣及思維，內容包括：

Mr. Damien Aldridge, senior tutor of STEMPunks, will demonstrate different strategies to motivate students' interest in learning and thinking, including:

- 設計及創意思維 Design and creative thinking
- 運算思維·與時並進 Computational thinking
- 系統思維·持續改善 Systems thinking



日期 Date	23/8/2018 (Thur)或學校建議的其他日子 or other days suggested by the school
時間 Time	3 hours
地點 Venue	學校禮堂或課室 School Hall or classroom
對象 Target	教師 (歡迎聯校形式進行) Teachers (Joint-School Teachers are welcome)
語言 Medium	英語 (特別專用詞彙利用電腦軟件即時提供中文翻譯) English (special terminology used by computer software to translate into Chinese)
費用 Fee	歡迎查詢 Please make enquiry
參加辦法 Registration Procedures	有興趣組織「STEM 教學方法校本工作坊」的學校，可與澳門科技大學持續教育學院梁耀恆先生聯絡(電郵地址：yahliang@must.edu.mo, 直線電話：+853 8796-1807)。 Schools interested in organising the "School-Based Workshop in STEM Methodology" can contact Mr. Sam Liang of School of Continuing Studies, Macau University of Science and Technology directly (Email Address : yahliang@must.edu.mo, Direct Line : +853 8796-1807).

延伸課程 Extended Program

澳門科技大學持續教育學院亦籌劃了以下兩個 STEM 為題的培訓課程：

School of Continuing Studies, Macau University of Science and Technology will operate the following 2 STEM training courses:

(1)小學及中學 STEM 的教學方法 (上課日期：24.8.2018 & 25.8.2018)

STEM Methodology for Primary and Secondary Teachers (Course Date : 24.8.2018 & 25.8.2018)

(2) STEM 教學的「創新企業思維」探究 (上課日期：25.8.2018 & 26.8.2018)

Innovative Entrepreneurship in STEM Teaching (Course Date : 25.8.2018 & 26.8.2018)

課程已被納入教青局持續進修發展計劃，課程現正招生，歡迎有興趣的老師、準教師及家長報讀。詳情可瀏覽網址 <https://www.must.edu.mo/scs/diploma-certificate-programs>

The courses are under DSEJ Continuing Education Scheme and currently enrolling. Interested teachers, students and parents are welcome to apply. For details please visit the website <https://www.must.edu.mo/scs/diploma-certificate-programs>

