

Wednesday, December 12

21ST CENTURY CLASSROOM 21世紀教室

10:15 – 11:00	Using e-platforms for BYOD 運用電子平台推展BYOD stem / maker 科學、科技、工程及數學、創客 Mr Andy Li 李安迪老師, Mr Caleb Chan Ka-chi 陳迦志老師, Mr Poon Chun-yan 潘濬仁老師
11:00 – 11:45	Using VR for Exploratory Learning in War History 應用虛擬實境 以探究體驗模式學習戰爭史 gamified learning 遊戲化學習 Mr Chan Tsun-ming 陳俊銘老師, Ms Chong Siu-ching 莊少靜老師
11:45 – 12:30	Use of Drama Production Software to Make Chinese Lesson Fun through Collaborative Learning 透過戲劇製作軟件進行協作學習令 中文課更互動有趣 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Lam Ho-yuen 林浩原老師
12:30 – 13:15	Integrate PE into STEM: How Micro:bit Enhances Fitness Training STEM 融合PE : Micro:bit 如何提升學生的體能訓練 gamified learning 遊戲化學習 Mr Pang Hon-fai 彭漢輝老師, Mr Tang Cheuk-ki 鄧焯奇老師
13:15 – 14:00	Incorporate VR and Flipped Education to Make Liberal Studies Fun 結合虛擬實境與翻轉教學 將通識科變得切身有趣 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Kelvin Cheung 張展璋老師
14:00 – 15:00	Develop Effective STEM Education in a Cost-effective Way 豐儉由人 – 以低成本推行高效STEM教學 stem / maker 科學、科技、工程及數學、創客 Mr Andy Li 李安迪老師, Mr Caleb Chan Ka-chi 陳迦志老師, Mr Poon Chun-yan 潘濬仁老師, Ms Wong Chun-king 黃仲琮老師
15:00 – 15:45	Using Online Resources and Interactive Programming Tools to Conduct Collaborative Learning in Primary STEM Projects 利用網上 資源及互動編程工具於小學STEM專題進行協作學習 stem / maker 科學、科技、工程及數學、創客 Ms Lo Kit-yan 老潔茵老師
15:45 – 16:30	Using AR to Enhance the Effectiveness of Chinese History Field Trip Learning 利用擴增實境進行更高效的文史科實地考察學習 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Chong Chun-chung 莊振冲老師
16:30 – 17:15	Immersive VR/AR Teaching: from Implementation to Effectiveness 玩轉虛實 沉浸式VR/AR教學應用與效能 gamified learning 遊戲化學習 Mr Yu Yiu-chung 余耀忠老師
17:15 – 18:00	Creative Flipped Learning: a '3D' Mathematics Lesson 創意翻轉教學：將3D元素加入數學課 stem / maker 科學、科技、工程及數學、創客 Mr Ha Chi-hung 夏志雄老師

DIGITAL LEARNING WORKSHOPS (POWERED BY APPLE DISTINGUISHED EDUCATORS) 電子學習工作坊 (由 APPLE DISTINGUISHED EDUCATORS 全力支持)

10:45 – 11:45	Designing Learning Flow to Engage Students with iPad 設計讓學生利用iPad參與學習的課堂 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Rachel Lee 李靈心老師
11:45 – 12:45	How to Elaborate Students' Learning Process in Maths and Science 如何在數學和科學領域讓學生自我闡述學習過程 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Eva Lam 林紫慧老師
12:45 – 13:30	Experience How to Design AR and Core ML 體驗如何設計AR和CoreML learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Ivan Ma 馬維勳先生
13:30 – 14:30	Explanation without Words - Creating Maths Lesson Animation and Videos with Keynotes and Clips 無言教學 - 利用Keynotes和Clips 創建數學教學動畫及影片 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Ha Chi-hung 夏志雄老師

14:30 – 15:30	The Skills Students Need - Building through Digital Storytelling 通過數位講故事培養學生需要的技能 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Cecilia Tsang 曾惠思女士
15:30 – 16:30	How to Design and Lead a Self Learning Chinese Lesson 如何設計帶動學生自學的語文課堂 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Betty Cheng 鄭淑樺老師
16:30 – 17:30	Enhance Students' Presentation and Reading Skills Through Video and Drawing 通過視頻和繪畫提高學生的表達和閱讀技巧 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Jenny Leung Ching-luen 梁靜巒老師

EARLY CHILDHOOD EDUCATION THEATRE 幼兒教育研討會

10:15 – 10:55	Responding to the Diverse Learning Needs of Ethnic Minority Children in Hong Kong through Strategic Management 透過策略性管理回應香港少數族裔幼兒的多元學習需要 early childhood education 幼兒教育 Dr Wong Kwok-sai Tricia 黃國茜博士
11:05 – 12:00	Enlightening FREE PLAY Experience at Kindergartens to Nourish Openness of Play, Learning and Teaching 放手玩，放心教，放膽學：自由遊戲@學前教育的實踐和啟迪 early childhood education 幼兒教育 Ms Wong Yuen-yee 黃婉儀主任, Ms Kathy Wong Kin-ho 王見好女士, Dr Pauline Chan Po-lin 陳寶蓮博士, Dr Anna Hui Na-na 許娜娜博士
12:05 – 12:45	Game-Based Learning in Math: Math Can Be Fun! 寓教於樂 – 以遊戲學習數學 early childhood education 幼兒教育 Ms Jayme Brown Jayme Brown 女士
13:35 – 14:15	Excellence in Early Years - The Impact of Play and Positive Interactions on Children's Overall Success 優質幼兒教育 – 遊戲和正向互動對幼兒發展的重要影響 early childhood education 幼兒教育 Mr Shaun Handford Shaun Handford 先生
14:20 – 15:00	A Teaching Approach for Digital Literacy and Skills of the Future 如何培養幼兒的數位素養及技能 early childhood education 幼兒教育 Mr Isaac Guetersloh Isaac Guetersloh 先生
15:05 – 16:05	Sharing of Teaching Experiences and Practices of Play-Based Learning – Play, Learn and Grow Project 「遊戲為本的教學實踐 - 遊戲·學習·成長」計劃經驗分享 early childhood education 幼兒教育 Ms Sylvia Chan Kam-hon 陳錦看女士, Ms Quianne Fung Lai-kwan 馮麗君女士, Representatives of SA Wah Fu Nursery School 救世軍華富幼兒學校代表, Representatives of HKCS Shek Kip Mei Nursery School 香港基督教服務處石硤尾幼兒學校代表
16:10 – 16:50	Countryside Adventure: Cultivating Young Children's Curiosity and Explorative Minds through Interaction with the Nature 郊野遊蹤：透過與大自然互動培養幼兒好奇心和探索精神 early childhood education 幼兒教育 Dr Paulina Yuen 阮佩珊博士
16:55 – 17:35	Learning Differences of Non-Chinese Speaking Children 非華語幼兒·文化回應中的學習差異 early childhood education 幼兒教育 Ms Serena Fung Sze-wun 馮詩韻女士

FUTURE LEARNING THEATRE 未來學習研討會

10:55 – 11:30	How to Inspire Students to Apply Digital Creativity in Their Daily Lives and Prepare Them to Tackle Future Challenges in the 21st Century? Be a CoolThinker! 如何培育孩子的數碼創意及應對廿一世紀挑戰的能力? Be a CoolThinker! personal / social and humanities education 個人、社會及人文教育 Mr Andy Li 李安迪老師, Mr Tony Lam Shing-tung 林誠東先生, Mr Lau Lee 劉利先生
11:35 – 12:10	An Action Research on the Effectiveness of Flipped Classroom in Promoting Liberal Studies Students' Self-Learning Ability 透過翻轉課堂提升通識科學生自主學習能力的行動研究 flipped classroom / flipped learning 翻轉課堂、翻轉教育 Mr Chiu Man-ho 趙文浩先生

12:15 – 12:50	Building A Positive Campus with Mutual Trust 如何建立正向互信校園 personal / social and humanities education 個人、社會及人文教育 Ms Ip Bik-kwan 葉碧君女士
12:55 – 13:30	Gamification - What We can Learn from Games and Using Them to Engage Students 學習遊戲化—如何把遊戲套入學習以提升學習動機 gamified learning 遊戲化學習 Mr Jeffrey Mang 孟家熙先生
13:35 – 14:10	Bridging Programme for Chinese Language 中國語文科銜接課程 language learning 語文學習 Ms Chan Ka-man 陳嘉雯女士
14:15 – 14:50	From e-classroom to e-fieldtrip – A Practice in History Learning and Teaching 從電子課堂到電子考察 – 歷史科電子教學的經驗 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr Kwan Chi-hang 關志恒先生
14:55 – 15:30	STEM Literacy and Maker Education: Lesson Sharing in a Macau Secondary School STEM素養與創客教育：澳門中學的課程實踐 stem / maker 科學、科技、工程及數學、創客 Mr Chan King-wing 陳競榮先生
15:35 – 16:10	How to Enhance the Ability of Home-School Cooperation to Strengthen Children's Ability to Learn Initiatively 如何提升家校合作強化兒童自發學習能力 personal / social and humanities education 個人、社會及人文教育 Mr Rex Wu 胡君孟先生
16:15 – 16:50	How Assessment in Literacy Competency Inform English Teaching in Junior Secondary Schools 引進一套新的學生閱讀能力評估尺以提升初中英語教學效能 assessment / evaluations and standards 評估、分析及標準化 Dr Wong Hing Yi
16:55 – 17:20	How Fiction Express Changes the Culture of Reading in Your School 如何透過 Fiction Express 改變學校的閱讀文化 language learning 語文學習 Sven Huber

INNOVATION CLASSROOM 創新教室

11:05 – 11:50	Developing Secondary School Students' Resilience through Mathematical Activities 透過數學活動提升中學生的抗逆力 learning resources / tools and pedagogies 學習資源、工具及教學法 Mr David Bian David Bian先生
11:55 – 12:40	Overcoming Failure Together: Establishing A Culture of Collaboration in A Makerspace 共同克服挫折：建立創客學習空間的協作文化 stem / maker 科學、科技、工程及數學、創客 Mr Mark Barnett Mark Barnett 先生
12:45 – 13:30	Incorporating Marine Science into the Curriculum: Direct Experience Prevails over Theory 將海洋科學引入學校課程：親身經歷比理論更為重要 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Sarah Taylor Sarah Taylor女士, Ms Maxine Cutracci Maxine Cutracci女士
13:35 – 14:20	The 21st Century Learning Environment: Bringing Education into the Real World 二十一世紀的學習環境：讓教育切合現實需要 global education trend 全球教育趨勢 Mr Reuben Chan Reuben Chan先生
14:25 – 15:10	The Power of Concept-based Teaching and Learning in a Second Language Classroom 概念教學在二語教室的神奇力量 learning resources / tools and pedagogies 學習資源、工具及教學法 Ms Louisa Yen 顏妙如女士
15:15 – 16:00	Leveraging Design Thinking to Co-create Learning Environments 運用設計思維共同創造學習空間 global education trend 全球教育趨勢 Mr Ambroise d'Hauteville Ambroise d'Hauteville先生, Mr Owen Pescod Owen Pescod先生
16:05 – 16:50	Learning through Movement – It's not Rocket Science. It's Brain Science! 透過運動學習 – 探索大腦科學的奧秘 learning resources / tools and pedagogies 學習資源、工具及教學法 Dr Graham Dodd Graham Dodd博士, Ms Kylie Thomas Kylie Thomas女士

16:55 – 17:55 Immersive Educational Transformation: From Pops to AR, VR and MR, then Multi-Sensory Immersive Classroom 沉浸式教育的轉
型：由Pops、擴增實境、虛擬實境、混合實境至沉浸式多元感觀教室
virtual learning environment 虛擬學習環境
Mr Ching Chi-cheung 程志祥老師

K12 THEATRE K12研討會

10:15 – 10:50 創新語文教學策略 Innovative Language Teaching Strategy
language learning 語文學習
Fung Shun-ning 馮順寧, Cheung King-choi 張敬才, Tsang Yuen-ying 曾苑嫻

10:55 – 11:30 Sustainable Development of STEM Education Opportunity in Schools STEM在學校持續發展的機遇
stem / maker 科學、科技、工程及數學、創客
Mr She Mang 余孟先生

11:35 – 12:10 HKT education co-Learning Space Break through the Framework of Traditional Classroom to Enhance the Effectiveness of
Teaching & Learning HKT education 建構共學空間突破傳統課室框架 提升學與教成效
stem / maker 科學、科技、工程及數學、創客
Mr Tam Yat-yuk 譚日旭校長, Mr Lam Ka-hong 林嘉康校長, Ms Jacqueline Chak 翟凱怡小姐

12:15 – 12:50 Learning in the 21st Century: Key Elements of the Classroom 21世紀教室 建立有效的學習環境
global education trend 全球教育趨勢
Mr Hui Ting-kwok 許定國先生

12:55 – 13:30 What are the Impacts of eLearning in Enhancing the Effectiveness of Learning and Teaching? - Source: Interim Report of the Case
Study Research on the Impacts of e-learning in Hong Kong 電子學習如何加強學與教的效能 - 來源：香港《學校電子學習效能》個
案研究中期報告
virtual learning environment 虛擬學習環境
Professor Paul Lam Lai-chuen 藍澧銓教授, Mr Bernado Wong 黃鈺泓先生, Ms Ivy Lu Ming 陸銘女士

13:35 – 14:20 Deepen eLearning by Integrating Learning, Teaching and Assessment in VLE 整合學教評．深化電子學習
virtual learning environment 虛擬學習環境
Ms Wang Zi 王子老師, Ms Portia Lee Ming-yi 李明怡老師, Ms Jen Lung 龍梓盈女士, Mr Man Ho-wai 文可為副校長, Mr Kong Man-
kei 江文其老師

14:25 – 15:10 Digital Reading: Unleash the Joy of Reading 數碼閱讀：釋放喜「閱」
reading strategies 閱讀策略
Ms Zoe Chan 陳素兒副校長, Ms Iris Sze 施萍瑜女士

15:15 – 16:00 Multilevel Leadership Network for SDL Innovation to Advance STEM Development (SDLS-MLN) 促進以自主學習開展STEM 教學創
新的多層領導網絡計劃分享會
stem / maker 科學、科技、工程及數學、創客
Professor Nancy Law 羅陸慧英教授, Dr Yeung Lee 李陽博士, Ms Ho Lok-ki 何樂琪女士, Mr Leung Hon-cheung 梁瀚祥先生, Mr
Chan Lap-lai 陳立禮先生

16:05 – 16:40 Effective Student Engagement in STEM Maker Education through Subject Reform & Competition in School 如何透過革新科目及引
入班際比賽鼓勵學生投入參與STEM創客學習
stem / maker 科學、科技、工程及數學、創客
Mr Jason Choi 蔡志輝先生

16:45 – 17:20 Every Failure is A Success in Itself 有種「成功」叫「失敗」！校本正向教育經驗分享
personal / social and humanities education 個人、社會及人文教育
Mr Eddie Lam Tak-yuk 林德育先生, Mr Ted Yim Tin-lok 嚴天樂先生

MAIN STAGE PRESENTATIONS 主題演講

11:00 – 11:40 Future Ready Education: Transformation in Curriculum and Teachers Development in Finland 展望教育未來：芬蘭的課程改革和教
師發展
global education trend 全球教育趨勢
Professor Kirsti Lonka Kirsti Lonka教授

11:45 – 12:15 Sweden's National Strategy for ICT in Education – Key Insights 瑞典全國資訊科技教育策略的重要啟示
school leadership and management 學校領導及管理
Mr Lars Lingman Lars Lingman先生

12:20 – 12:50	Co-developing an Innovative Education Blueprint 共建創新教育藍圖 school leadership and management 學校領導及管理 Mr Victor Cheng Pat-leung 鄭弼亮先生
13:00 – 13:45	Coding: From Plug-in to Getting Unplugged 編程學習由生活和遊戲中開始 stem / maker 科學、科技、工程及數學、創客 Mr Patrick Tang Man-hon 鄧文瀚先生
14:00 – 14:40	Emerging Trend of AI + Education Technology 教育科技發展新趨勢——人工智能和教育科技的結合應用 artificial intelligence 人工智能 Mr Jesse Shang Hai-long 尚海龍先生
14:45 – 15:25	Playful Approaches in Early Science Education 幼兒科學教育：遊戲化策略 early childhood education 幼兒教育 Dr Jenni Vartiainen Jenni Vartiainen博士
15:30 – 16:10	Enhancement of Quality in Early Childhood Education 推動幼兒教育質素以臻卓越 early childhood education 幼兒教育 Dr Anna Hui Na-na 許娜娜博士
16:15 – 16:55	How Entrepreneurship Can Inspire Students to Build a Better Tomorrow 創業家精神：啟發學生建設美好將來 entrepreneurship education 創業教育 Mr Crispian Farrow Crispian Farrow先生
17:00 – 17:40	The Essential Role of Research Evidence in Education 研究實證在高效學與教中的重要角色 global education trend 全球教育趨勢 Professor Larry Hedges Larry Hedges教授

SCHOOL VISIT 學校參觀

08:35 – 09:55	【School Visit】Heung To Middle School (Tin Shui Wai): Explore Our STEM Maker Room & 3D Printing 【學校參觀】天水圍香島中學: 參觀STEM創客教室和3D模型製作及列印 stem / maker 科學、科技、工程及數學、創客
09:00 – 11:00	【School Visit】Ying Wa Primary School: Curriculum Design Catering for Ying Wa Boys' Adventurous, Curious and Energetic Nature 【學校參觀】英華小學: 以學生興趣為本 設計有趣課堂 stem / maker 科學、科技、工程及數學、創客
09:00 – 12:00	【School Visit】Buddhist Wing Yan School: Green Technology Campus Visit 【學校參觀】佛教榮茵學校: 綠色科技校園參觀 stem / maker 科學、科技、工程及數學、創客
09:30 – 12:00	【School Visit】Jordan Valley St. Joseph's Catholic Primary School: Develop Students' 21st Century Learning Skills through the Implementation of BYOD and Integration of Different eLearning Tools 【學校參觀】佐敦谷聖若瑟天主教小學: 透過實踐BYOD及綜合不同電子學習工具, 培養學生21世紀學習能力 virtual learning environment 虛擬學習環境

SEN THEATRE 特殊教育需要研討會

10:15 – 10:45	Assess to Success: Reflecting Learning Outcome for SEN Students Using Multi-faceted Assessment Methods 沒有分數的評估：多角度反映特教生學習成果 special educational needs 特殊教育需要 Ms Edith Wong Wing-fun 黃詠芬老師
10:50 – 11:20	Transition from Primary to Secondary: Create a 'Strength-based Classroom' – Encourage Students to Find Their Strengths and Appreciate Differences 中一銜接：建立強項為本的課室——鼓勵學生尋找個人強項及喝采多元 special educational needs 特殊教育需要 Ms Daisy Chow Sze-ling 周芷苓老師
11:25 – 11:55	Enhancement Programs for Students with Autism Spectrum Disorder by Social Thinking 「社交思考」提昇自閉症學生社交溝通能力 special educational needs 特殊教育需要 Ms Jacqueline Ng Wai-ling 吳惠玲女士

12:00 – 12:30	<p>Flipped Classroom in Chinese Lessons: The Creation of Inclusive Learning Environment 中國語文科以「翻轉課室」創設共融學習環境</p> <p>special educational needs 特殊教育需要</p> <p>Mr Sit Tin-pui 薛天培老師</p>
12:35 – 13:05	<p>Enhancing Learning and Teaching through Learning Study to Cater for Learning Diversity 應用課堂學習研究進行優化教學以照顧學習差異</p> <p>special educational needs 特殊教育需要</p> <p>Ms Chan Yuk-ting 陳玉婷老師</p>
13:45 – 14:15	<p>Play and Enjoy (PE) without Barriers: Self-determined Inclusive Physical Education Lesson 挑戰任我闖：自決學習模式的共融體育課</p> <p>special educational needs 特殊教育需要</p> <p>Ms Siu Chee-ming 蕭子明老師</p>
14:20 – 14:50	<p>Sound, Image and Touch: Using Audio Description and Tactile Drawings in Science Subjects – A Multisensory Teaching and Learning Approach 聲音、圖像及觸感：以口述影像及觸感圖教科學——多感官教學法</p> <p>special educational needs 特殊教育需要</p> <p>Dr Dawning Leung 梁凱程博士, Dr Helen Ma 馬學綸博士</p>
14:55 – 15:25	<p>Autism Giftedness and Positive Cycle 啟動正向循環——從認識ASD優勢開始</p> <p>special educational needs 特殊教育需要</p> <p>Dr Eria Li Ping-ying 李萍英博士</p>
15:30 – 16:00	<p>Using Gamified eLearning Tools to Engage Junior Secondary Students in English Language Lesson 以遊戲化電子學習工具提升初中生英語堂學習動機</p> <p>special educational needs 特殊教育需要</p> <p>Ms Annie Chan Yuen-ting 陳婉婷老師</p>
16:05 – 16:35	<p>Affective Support to the Gifted Students through Individualized Provisions 透過個別化的學習需要支援資優兒的情意發展</p> <p>special educational needs 特殊教育需要</p> <p>Ms Shirley Kwok 郭滿玲女士</p>
16:40 – 17:10	<p>Developing the Self-esteem and Confidence of SEN Students through Adventure Based Learning Model 以活動歷奇模式發展SEN學生自尊及自信</p> <p>special educational needs 特殊教育需要</p> <p>Mr Cheung Kwok-man 張國文先生</p>
17:15 – 17:45	<p>Holistic Support and Care Service for School-to-Work Transition: the Shine Approach 特殊教育需要學生的成長過渡：展亮的全方位支援及全人發展教育</p> <p>special educational needs 特殊教育需要</p> <p>Ms Liu Shui-kuen 廖瑞娟女士</p>