

香港數學教育會議 2021/22

分組論文宣讀／工作坊

《《《《《《《《 更新日期 2022年1月30日 》》》》》》》》》》

2022年2月12日（星期六） 下午二時至四時四十五分

活動對象：小學數學老師或其他教育工作者（按首講者姓氏英文字母或中文筆劃排序）

| 題目 | 講者 | 所屬學校／機構 |
|--|-------------------------|---|
| A Literature Review on Integrating Computational Thinking into Mathematics Education in Senior Primary Education | LEUNG Yu Hin | PLK HKTA Yuen Yuen Primary School / The Education University of Hong Kong |
| Using an Inquiry-based Learning Approach to Learning the Operations of Fractions in Primary Mathematics Lessons | Jessica SO Kitty LEE | Maryknoll Convent School (Primary Section) |
| 辨認四邊形的數學化軌道 | 汪滌塵 王艷儀 陳麗儀 | 圓方學苑 香港普通話研習社科技創意小學 香港教育大學全日制學生 |
| 如何在小學數學科推行價值觀教育？ | 馬正源、黃冠天 | 路德會梁鉅鏐小學 |
| 校本數學化教學的設計及體驗 | 黃慧儀、吳君 | 仁濟醫院蔡衍濤小學 |
| 學生不能不練習？練習不能不沉悶？ | 楊思敏 | University of Exeter, UK |
| 利用視覺提示及語言培養協助非華語學生學習除法 | 鄧鳳妙 汪滌塵 | 錦田公立蒙養學校 香港大學教育學院 |

活動對象：中、小學數學老師或其他教育工作者（按首講者姓氏英文字母或中文筆劃排序）

| 題目 | 講者 | 所屬學校／機構 |
|---|--|--|
| Yes, We Can Math! Developing Secondary Students' Mathematical Literacy through Action Research: Two Case Stories | LAW Huk Yuen Alvin CHAN HO Cheuk Hin | Department of Curriculum and Instruction, The Chinese University of Hong Kong |
| Mathematics As Common Sense: A Case Story of How a Secondary Teacher Helps Students Make Meaning of Learning Mathematics | LAW Huk Yuen CHAN Nok Yiu | Department of Curriculum and Instruction, The Chinese University of Hong Kong |
| Evaluating Students' Progress in Mathematics Learning: Ways of Improving Student Engagement | Ken W. LI | Retired scholar |
| Re-engineering Nets of Polyhedrons | TAM Chi Leung | Faculty of Education, The University of Hong Kong |
| Integration of Programming, Problem Solving and Recreational Mathematics for a Computationally Enhanced Mathematics Education | Don TSOI ¹ , Alvin CHAN ² , Marco LAW ² , Angel LIU ³ , Tom HO ² , Biyao LIANG ² , Oi-Lam NG ² | ¹ Tsung Tsin College ² The Chinese University of Hong Kong ³ Hong Kong Baptist University |

活動對象：中學數學老師或其他教育工作者（按首講者姓氏英文字母或中文筆劃排序）

| 題目 | 講者 | 所屬學校／機構 |
|--|---|---|
| Enhancing Students' Interest in Mathematics Through Extended Modules in S3 | CHAN Chong CHAN Wing | HKUGA College |
| Congruence, Similarity and Beyond | CHOI Wai Fung Brian | St. Paul's Co-educational College |
| Designing Card Sorting Tasks for Mathematics Learning | Arthur LEE | The University of Hong Kong |
| Mathematics and Financial Literacy Integrated Learning | Arthur LEE PANG Ming Fai | The University of Hong Kong |
| Pedagogical Use of Word Problems Taken from the History of Mathematics | WONG Ka Lok ¹ CHEUNG Wai Shan ² YEUNG Fung Hing ² AU Chin Pang ³ | ¹ Faculty of Education, The University of Hong Kong ² True Light Middle School of Hong Kong ³ Christian Alliance S C Chan Memorial College |
| 設計思維與數學科主任 | 林振龍 | 香港管理專業協會羅桂祥中學 |
| 從「生」出發：如何在數學課堂上處理有特殊教學需要的學生 | 林振龍、王芷茵、萬詩琦 | 香港管理專業協會羅桂祥中學 |
| 設計 GeoGebra Quiz 協助高中生自習基礎課題 | 黃栢熙、凌美儀 | 中華聖潔會靈風中學 |