

Collaborative Research & Development (“Seed”) Project for 2021/22

Section	Mathematics Education	
Title of the Project	Exploration and Development of Strategies for Catering for Learner Diversity in the Learning, Teaching and Assessment of the Revised Primary Mathematics Curriculum	
Class Level (Please check and ✓ the appropriate box.)	<input type="checkbox"/> Kindergarten <input type="checkbox"/> Secondary Please specify levels: _____	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Primary and Secondary _____ Primary 1-6
Brief Description (e.g. Objectives, expected outcomes)	The program aims to explore and develop effective learning, teaching and assessment strategies to cater for learner diversity in learning Mathematics, so as to enhance the effectiveness of classroom teaching and to foster students' positive learning attitudes and generic skills. When designing a learning activity, it will not only match the rationale of the revised curriculum, but also consider the concept development of students at different stages of learning and their learning style. The objectives and expected outcomes of the project are: <ul style="list-style-type: none"> • to explore and develop effective learning and teaching and assessment strategies for catering learner diversity at school and classroom levels; • to develop and try out the learning activities in different strands in revised primary Mathematics curriculum; and • to share the experiences of the participating schools and disseminate the project results through the professional development programmes for teachers. 	
Key Emphases (Please check and ✓ the appropriate box(es). You can choose more than one box.)	Dimension	<input checked="" type="checkbox"/> Curriculum planning <input checked="" type="checkbox"/> Learning and Teaching <input checked="" type="checkbox"/> Assessment
	Focus	<input type="checkbox"/> Values Education (including MCE, BLE& NSE) <input type="checkbox"/> Chinese history & Chinese culture <input type="checkbox"/> Reading / Language across the Curriculum <input type="checkbox"/> STEM & IT Education <input type="checkbox"/> Entrepreneurial Spirit <input type="checkbox"/> Life-wide Learning <input type="checkbox"/> Gifted Education <input type="checkbox"/> L&T of Chinese as a second language <input checked="" type="checkbox"/> Catering for Learner Diversity <input type="checkbox"/> Self-directed Learning <input type="checkbox"/> Whole-person Development <input checked="" type="checkbox"/> Others (please specify *) <u>Development of generic skills in an integrative approach through learning activities</u>
Deliverables (Please check and ✓ the appropriate box(es). You can choose more than one box.)	<input type="checkbox"/> Exemplars to be used for curriculum documents <input checked="" type="checkbox"/> Learning & teaching packages, self-learning packages for teachers <input checked="" type="checkbox"/> Workshops and seminars <input type="checkbox"/> Others (please specify) : _____	
Duration and Nature of the	From 09 mm 21 yy to 08 mm 22 yy	

Project	<input type="checkbox"/> New <input checked="" type="checkbox"/> Ongoing (started from <u> 09 </u> mm <u> 20 </u> yy)	
Name of Advisor(s) / Consultant(s) to be invited	N/A	
Officer i/c	Name: LEUNG Kit-ying	Post: CDO(Ma)11
	Tel No.: 2153 7469	Fax No.: 3426 9265

Please use a separate sheet for each project.