

Collaborative Research & Development (“Seed”) Project for 2022/23

Section	Mathematics Education	
Title of the Project (Project Code)	Exploration and Development of Strategies for Catering for Learner Diversity in the Learning, Teaching and Assessment of the Revised Primary Mathematics Curriculum (MA0722)	
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 _____
Brief Description (e.g. Objectives, expected outcomes)	The programme aims at exploring and developing 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, NSE & BLE) <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 Project	From <u> 09 </u> mm <u> 22 </u> yy to <u> 08 </u> mm <u> 23 </u> yy <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	/	
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Please use a separate sheet for each project.