

Collaborative Research & Development (“Seed”) Project for 2020/21

Section	Mathematics Education Section	
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	<input type="checkbox"/> Kindergarten <input checked="" type="checkbox"/> Primary <input type="checkbox"/> Secondary <input type="checkbox"/> Primary and Secondary Please specify levels: <u> P1 - 6 </u>	
Brief Description	<p>The project 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 styles.</p> <p>The objectives and expected outcomes of the project are:</p> <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 the 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	Dimension	<input checked="" type="checkbox"/> Curriculum planning <input checked="" type="checkbox"/> Learning and Teaching <input checked="" type="checkbox"/> Assessment
	Focus	<input type="checkbox"/> Project Learning <input type="checkbox"/> Reading / Language across the Curriculum <input type="checkbox"/> Values Education (including MCE & BLE) <input type="checkbox"/> Chinese history & Chinese culture <input type="checkbox"/> STEM & IT Education <input type="checkbox"/> Entrepreneurial Spirit <input type="checkbox"/> Life-wide Learning <input type="checkbox"/> Whole-person Development <input type="checkbox"/> Self-directed Learning <input checked="" type="checkbox"/> Catering for Learner Diversity <input checked="" type="checkbox"/> Others (please specify *) <u>Development of generic skills in an integrative approach through learning activities</u>
Deliverables	<input checked="" 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>Sept</u> mm <u>2020</u> yy to <u>Aug</u> mm <u>2021</u> yy <input checked="" type="checkbox"/> New <input type="checkbox"/> Ongoing (started from <u> </u> mm <u> </u> yy)	
Name of Advisor(s) / Consultant(s) to be invited	--	
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0* e.g. Gifted Education, L&T of Chinese as a 2nd language, curriculum interface