

Collaborative Research & Development (“Seed”) Project for 2019/20

Section	Mathematics Education
Title of the Project	Exploration and Development of Effective Strategies to Cater for Learner Diversity in Primary Mathematics
Class Level (Please check and ✓ the appropriate box.)	<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 (e.g. Objectives, expected outcomes)	<p>The project aims at exploring and developing effective learning and teaching strategies to cater for learner diversity through different topics in primary Mathematics. The development of students’ concept at different learning stages and students’ learning styles will be taken into consideration when designing the related activities.</p> <p>The objectives of the project are:</p> <ul style="list-style-type: none"> ● to explore and develop effective learning and teaching strategies to cater for learner diversity through different topics in primary Mathematics ● to explore and develop effective assessment methods in catering for learner diversity through different topics in primary Mathematics ● to share the experiences of participating schools and disseminate the project results through professional development programmes for teachers
Key Emphases (Please check and ✓ the appropriate box(es). You can choose more than one box.)	<input checked="" type="checkbox"/> Curriculum planning, learning, teaching and assessment strategies <input checked="" type="checkbox"/> Development of generic skills in an integrative approach through learning activities <input checked="" type="checkbox"/> Four key tasks (project learning, reading to learn, moral and civic education, and information technology for interactive learning) <input type="checkbox"/> Major Renewed Emphases (strengthening values education (including moral and civic education, and Basic Law education), reinforcing the learning of Chinese history and Chinese culture, extending “Reading to Learn” to “Language across the Curriculum”, promoting STEM education and ITE, fostering an entrepreneurial spirit, diversifying life-wide learning experiences (including those for VPET), stepping up gifted education, enhancing the learning and teaching of Chinese as a second language) <input checked="" type="checkbox"/> Others, please specify* : <u>catering for learner diversity</u>
Deliverables (Please check and ✓ the appropriate box(es). You can choose more than one box.)	<input checked="" type="checkbox"/> Exemplars to be used for curriculum documents <input 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> </u> Sept mm <u>2019</u> yy to <u> </u> Aug mm <u>2020</u> yy <input type="checkbox"/> New <input checked="" type="checkbox"/> Ongoing (started from <u> </u> Sept mm <u>2017</u> yy)

Name of Advisor(s) / Consultant(s) to be invited	Not Applicable	
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Please use a separate sheet for each project.

* e.g. catering for learner diversity, experiential learning, self-directed learning, whole-person development, interdisciplinary learning, etc.