

MOE Rapid Research (RR) Proposal Template and Guidelines

Your proposal should be 2-3 pages (A4, font size 11) and include the following sections:

Section	Guidelines
A. Literature Review	•Ensure that your review is current and extensive. •Academic references should be drawn from peer-reviewed journals. Use meta-analysis or seminal papers to establish the latest lay of the land in the field(s). •Scans should include detailed review of current capabilities of local EdTech and AIEd systems used in Singapore schools, as well as current EdTech/AIEd enabled practices. •Scans should include latest technological approaches being explored and product affordances available in the market.
B. Research Question	•RQ(s) should be narrowly scoped to be feasibly completed in a 6-month period. •RQ(s) should advance theoretical or practical understanding in the field. •RQ(s) should explore specific practice or feature disambiguated from a particular EdTech or AIEd product. •RQ(s) should be accompanied with a clear, testable hypothesis that is based on learning science principles. •RQ(s) should build on current MOE philosophies, principles and beliefs and have direct implications for MOE in terms of policy, practice or system design changes (see Implications later)
C. Methodology	•Study methodology should be practical and scoped to be completed with minimal disruption to T&L within 6 months. •Statistical power and sampling coverage can be sacrificed (e.g. sample size, length of intervention needed to have detectable change) but rigour (e.g. sampling practices) and mitigation of bias (e.g., selection bias due to non-random sampling) should be ensured. •RCTs or quasi-experimental designs are preferred but not required; control for differences between teachers and products by using a common “testbed”, particularly for EdTech studies, and ensure that control conditions are representative of actual practices.

	•Metrics chosen should measure learning performance (across relevant domains). Instruments chosen should be validated and evaluation approaches should be valid and rigorous (e.g. learning assessment should be done independent of possible scaffolding/support). •Should be ethical (i.e. not causing harm to participants in any group) •Proposed analytic approaches should be appropriate for the data collected and the RQs to be answered. •All data should be handled in accordance to MOE's data governance guidelines with regards to academic research. In particular, intended data handling/sharing practices should be explicitly spelt out in the proposal for sensitive, non-anonymised data or when working with external parties including local/foreign academics and commercial companies.
D. Implications	•Thinking through specific policy, practice and system implications should hypotheses be proven or disproven will help sharpen relevance of your RQ to MOE. •Explaining how study deliverables (prototypes, prompts) might be scaled can also help improve its immediate value to MOE. •However, studies need not be seen as complete in themselves - it can help inform future ones, including helping to estimate sample size and intervention period necessary to achieve sufficient statistical power.
E. Composition of Research Team	•Note that all RR must be led by MOE specialists – highlight if PI has already been agreed or if your proposal is looking for an interested SS to take it up. •Potential conflict of interest or bias must be declared and mitigation measures explicated.

F. Budget	•The budget for each RR study is capped at S\$50K. Please detail the line items that the study will require funding for. •Funding is usually not approved for the following: •Transport fees. Overseas co-PIs will usually not be required to travel in person to implement studies. •Communication of findings. Since MOE has its own public and internal channels for communicating RR findings, separate budget for conference presentations etc will not be supported.
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Last Updated: 21 Sep 2026