

## The Rationale of Junior Maths Mastery Challenge (JMMC)

Drawing inspiration from Singapore Maths, we recognize the enthusiasm among primary students to compete in mathematics contests. This enthusiasm is a positive sign for the progress of mathematics education. However, we also acknowledge that many mathematics competitions tend to test students' knowledge beyond the school syllabus, which can be discouraging for some students.

To address this, the Junior Maths Mastery Challenge (JMMC) is designed with the following objectives:

- 1. **Promoting Mastery**: JMMC aims to encourage young students to compete at an international level, focusing on their mastery of the school syllabus rather than advanced topics. This approach allows students to showcase their abilities and understanding of mathematics within their grade level.
- 2. **Identifying Talent**: The competition serves as a platform to identify and nurture mathematical talents among students.
- 3. **Curriculum Alignment**: The JMMC syllabus is designed to align with various primary school curriculums worldwide, ensuring that students can participate without requiring advanced knowledge or extensive special training.
- 4. **Creating Excitement**: The competition aims to create excitement and enthusiasm in mathematics among students, providing them with an intellectually challenging experience.
- 5. **Prestigious Achievement**: Participating in JMMC provides students with a prestigious achievement record for their portfolio. We anticipate a diverse participation from students across various countries.
- 6. **Quality Assessment**: All JMMC papers are developed and validated by an international expert team of test constructors. This team comprises well-experienced education professionals who are experts in quality assessment and have a deep understanding of complexity in delivering subject matters in the classroom.

In conclusion, the Junior Maths Mastery Challenge offers a unique opportunity for students to put on their thinking caps and solve challenging problems. We are excited to open the JMMC and look forward to seeing the mathematical talents of our young participants shine.

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