





The Australasian Problem Solving Mathematical Olympiads (APSMO) is a not-for-profit professional organisation that offers a range of mathematical programs and competitions for students aged from around 7 – 14. Established in Australia in 1987, over 70,000 students from Australia and New Zealand participate in our programs every year.



### At APSMO our aim is to:

- Promote and improve maths problem solving skills amongst all students in primary schools across Australia and New Zealand.
- Support teachers in developing their students to understand a variety of strategies to promote flexibility in their problem solving.
- Encourage creativity and collaboration in problem solving.
- Stimulate enthusiasm and enjoyment of mathematics.

By entering teams in the different programs, you will develop a problem solving pathway of achievement in your school and provide both mainstream and high achieving students with the opportunity to enhance their skills and knowledge. We recommend that students spend at least one hour per week developing their maths problem solving skills.

What is the best program for your students?	 <b>MATHS OLYMPIAD</b>	 <b>MATHS GAMES</b>
<b>Objectives &amp; benefits</b>	<ul style="list-style-type: none"> <li>• Teaches major problem solving strategies and strengthens students' mathematical intuition</li> <li>• Allows students to challenge themselves and 'test their talent'</li> <li>• Develops a high level of creativity and flexibility in problem solving</li> </ul>	<ul style="list-style-type: none"> <li>• Provides mainstream students with an opportunity to develop valuable maths problem solving skills</li> <li>• Encourages an appreciation of maths</li> <li>• Builds students' confidence while focussing on the application of specific strategies</li> </ul>
<b>Skill level &amp; age group</b>	High-achieving Year 7 and 8 students	Mainstream Year 7 and 8 students
<b>When are the programs held?</b>	Four papers held approximately six weeks apart. Starts in early Term 2, finishes at the end of Term 3	Four papers held approximately six weeks apart. Starts in early Term 2, finishes at the end of Term 3
<b>What resources are available to assist teachers in preparing students?</b>	<ul style="list-style-type: none"> <li>• Preparation Pack provided in Term 1 to help teams prepare before the competition starts</li> <li>• Sample questions and solutions</li> <li>• Past papers</li> <li>• APSMO problem solving textbooks</li> </ul>	<ul style="list-style-type: none"> <li>• Teams receive a Practice Resource Kit and Practice Paper in Term 1</li> <li>• Resource Kits provided before each paper with sample questions and solutions of varying degrees of difficulty</li> <li>• Past papers</li> <li>• Maths problem solving textbooks</li> </ul>
<b>Program teams</b>	<ul style="list-style-type: none"> <li>• Minimum of 10, maximum of 30 students per team</li> <li>• Teams compete against other schools and students across Australia and New Zealand</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum of 10, maximum of 30 students per team</li> <li>• Teams do not compete against other schools</li> </ul>
<b>Awards &amp; results</b>	<ul style="list-style-type: none"> <li>• Certificate of Achievement</li> <li>• Team award (Top 10%)</li> <li>• Individual student awards (Perfect Score, Top 10% and Top 25%)</li> </ul>	<ul style="list-style-type: none"> <li>• Certificate of Achievement</li> <li>• 5 encouragement awards per team (presented at teacher's discretion)</li> </ul>
<b>Entry fee*</b>	\$210 inc GST for a team of up to 30 students	<ul style="list-style-type: none"> <li>• \$180 inc GST for a team of up to 30 students</li> <li>• Discounts available for multiple teams</li> </ul>

\*EARLY BIRD DISCOUNT RATES AVAILABLE FOR REGISTRATIONS RECEIVED BEFORE 31 DECEMBER OF THE PREVIOUS YEAR.

If you would like more information, please contact us:  +61 2 9114 9255  
 enquiries@apsmo.edu.au

