GLOBAL LOGIC & REASONING COMPETITION

Vision & Mission

EDITION 2026

SECTION 1

Vision and Mission

Reasoning is the foundation of every discipline, the shared skill that lets us weigh evidence, draw sound conclusions, and make good decisions under uncertainty. From mathematics and science to law, economics, and everyday life, clear and rigorous thinking connects and advances all fields of knowledge. Our society urgently needs talented, clear-thinking problem solvers who can address global challenges by separating signal from noise, questioning assumptions, and reasoning carefully toward the truth.

The Global Logic and Reasoning Competition offers students a platform to challenge their analytical and problem-solving skills, explore diverse reasoning concepts, and delve deeper into this fascinating discipline beyond the standard school curriculum. We believe that blending education with friendly competition can inspire students to develop a lasting passion for logic and reasoning, potentially leading to fulfilling careers in research, industry, education, or innovation.

Reasoning in the Age of AI

As artificial intelligence becomes part of everyday learning and work, the most valuable skill is no longer recalling facts, which AI can supply instantly, but knowing how to think about them. Good reasoning is what lets you judge whether an answer actually makes sense, notice where an argument is weak or an assumption is hidden, and decide what to trust.

GLRC is built to train exactly this. Rather than testing memorised knowledge, our problems ask students to reflect on information, follow it to sound conclusions, and spot where the reasoning breaks down or needs more evidence. These are the habits that let a person work well alongside AI: using it as a powerful tool while still checking its claims, filling the gaps it leaves, and making the final judgement themselves.

In a world where information and AI answers are everywhere, careful reasoning is what turns them into good decisions. GLRC helps students build that skill.

The Global Logic and Reasoning Competition aims to be accessible to all students from all countries, regardless of their background, school, or institution: all you need is a pen, paper, and an internet connection to join!

SECTION 2

What makes GLRC unique?

While competition is part of GLRC, our core mission is to foster genuine engagement with logic and reasoning, sparking curiosity and encouraging further exploration in this and related fields. GLRC is a learning journey, enabled by diverse problem formats that enhance a student's understanding through practical application. Key aspects that distinguish GLRC include:

- **Internationality**: From the very first round, GLRC is a truly global event. All participants tackle the same challenges, ensuring fair assessment and fostering international connections.
- **Digital Accessibility**: We utilize the power of the internet to open participation to students everywhere, regardless of geographic location or school affiliation. While teacher guidance is beneficial, motivated individuals can participate independently from anywhere.
- **Diverse Reasoning Domains**: GLRC embraces the full scope of reasoning. The competition covers a broad set of domains, including deductive reasoning (logic), probabilistic reasoning, causal reasoning, strategic reasoning, critical reading, and modeling & estimation. These domains are presented through diverse problem formats that combine conceptual understanding with practical application, requiring students to construct arguments, perform calculations, analyze evidence, and build and evaluate models.
- **Real-World Reasoning**: Bridging the gap between academic learning and cutting-edge research is vital. GLRC problems typically draw on ideas from recently published research and real-world scenarios. This unique feature provides many participants with their first exposure to applying rigorous reasoning to current, authentic problems.
- **Scaling Difficulty Levels**: Our problems are designed to engage both experienced reasoning enthusiasts and those beginning to explore the subject beyond the classroom. The difficulty ranges from approachable exercises that reinforce foundational concepts to advanced challenges that introduce novel formats and require deeper analytical thinking. This ensures a rewarding and intellectually stimulating experience for all participants.
- **Online Tools for Educators**: We equip teachers and schools with resources and support. A dedicated teacher interface allows for streamlined management of student submissions, results tracking, certificate access, and supervision of the Final Round exam.
- **Local Communities & Ambassadors**: GLRC encourages the formation of local student groups focused on logic and reasoning. Our Ambassador Program empowers motivated students to inspire peers, organize local events, and build vibrant communities centered around a shared interest in logic and reasoning.