IDM School Program 2027

Description

The IDM School Program brings together schools from different countries with a common language in the weeks leading up to the International Day of Mathematics (IDM) on March 14, 2027. Teachers and their classes can participate in math activities based on this year's IDM theme

"*Mathematics, AI and Our Future*".

As organizers, we will offer a free virtual workshop for teachers and educators in English, French, Spanish, and Arabic. In this workshop, we will propose an engaging activity that teachers can conduct with their students afterward. The workshop will include an activity guide (PDF), ideas related to the theme, and background information for schools and teachers. Teachers are also invited to join a WhatsApp group to exchange ideas, share experiences, or collaborate.

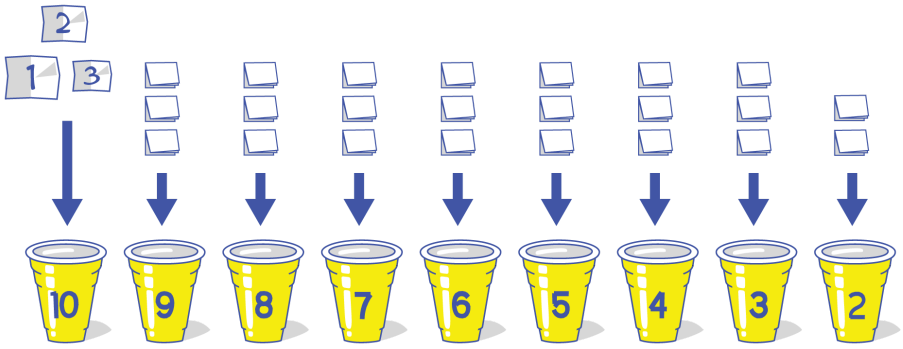
Overview of the IDM School Program 2027

- Schools/teachers apply for the program. After an internal evaluation, the selected schools will be informed. We aim for geographic balance among participating schools (with a maximum of 50 schools per country).
- In December 2026, we will conduct free online workshops. The dates are:
    - English workshop: Tuesday, December 8, 2026, 15:00 UTC
    - Spanish workshop: Wednesday, December 9, 2026, 15:00 UTC
    - French workshop: Thursday, December 10, 2026, 15:00 UTC
    - Arabic workshop: Monday, December 21, 2026, 15:00 UTC
- The workshops in English, Spanish, and French will be conducted by Dr. Daniel Ramos (IMAGINARY), and in Arabic by Dr. Amna Mohsin (University of Khartoum, Sudan). Prof. Dr. Christiane Rousseau (IDM, Univ. Montreal) will be joining the French and English workshops.

- All workshops will be recorded and shared on a dedicated website. An Activity Guide (PDF) will also be available in each language.
- The chat groups will be created on a messaging platform, and the participants will begin direct communication. They can share the results of their process and the completed activity as short texts, images, or videos. Schools can also create and discuss their own activities related to the IDM theme, or collaborate more closely through online meetings that enable direct student communication.
- A joint celebration of the IDM will be held on March 14, 2027. Teachers will conduct the activity with their students on that date or a close date if more convenient (March 14, 2027, falls on a Sunday).
- A participation certificate can be issued upon request **to teachers** who, through their feedback, demonstrate that they have successfully conducted activities with their students. **Please note: Certificates are for teachers only, not for students.**

What will we do at the IDM School Program workshop 2027?

During the virtual introductory workshop, teachers will explore practical, interactive classroom activities they can use with their own students to help them understand how AI technologies work, including machine learning, neural networks, and large language models. They will gain ideas and guidance on adapting and facilitating these activities in their own classrooms.
The workshop will also provide background information and resources to support informed discussions with students about the societal challenges posed by AI and its implications for the future of education.



This illustration shows an offline version of a system that learns how to win the game NIM. Image credit: IMAGINARY. NIM is a fully solvable game whose optimal strategy makes it a classic example for teaching AI concepts like adversarial search and reinforcement learning.

Apply for the School Program

Teachers, educators, or directors of all types of schools can apply via the

Application Form

Deadline: December 3, 2026.