

The **SMAC** Web site



SMAC's web site (www.smac.ulaval.ca)
is a great source of information for curious people
who want to learn more about mathematics
and its role in our daily life.

www.smac.ulaval.ca

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Thanks to all our partners



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MITACS



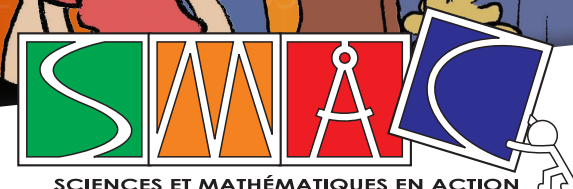
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mathématiques



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**Come and discover
the universe
of mathematics!**



THE MISSION OF SMAC

To create and foster interest in mathematics and its applications and bridge the gap between science and society by explaining the role and importance of the mathematical sciences in our society.

To achieve this objective, SMAC relies on a team of over twenty collaborators - mostly students in mathematics and computer science - as well as teachers and scientists from across Canada.

SMAC was initiated by Université Laval professor, Dr. Jean-Marie de Koninck in partnership with the university. As a result of its great success, it is being expanded across Canada in partnership with MITACS, a research network in the mathematical sciences (www.mitacs.ca)

WHAT ARE THE NUMBERS?

At least 25 000 people have attended the 65 performances of Show Math at schools, conferences and special events.

The SMAC website (www.smac.ulaval.ca) has received over 50 000 hits to date!

Math en jeu



Can you really have fun doing math? The SMAC team thinks so! Math en jeu is an online interactive, multimedia game developed by SMAC that is accessible for free on the internet. Its goal is to expose teenagers to the world of mathematics by playing a fun computer game, while inviting the public to renew their interest in mathematics.

Math en jeu is, essentially, an online mathematical board game. In each game, up to four people can play against one another by moving randomly on the board. Each player must try to accumulate as many points as possible - by answering mathematical questions - before the time runs out. Each correct answer enables a player to move forward on the board. The more squares a player moves through successfully, the harder the questions become and the larger the point value becomes!

If a player does not give the correct answer to a question, he or she gets feedback to help understand his or her mistakes and to see how to get the right answer. To provide a more dynamic experience, all of the players move simultaneously at their own pace thus are independent from all the other players. However, you can also play alone with the game providing three virtual opponents.



show math

Designed for all ages, Show Math is a multi-media show where humour, mathematics and multimedia come together. Animated by professors from Université Laval, Show Math includes videos as well as comic sketches, providing a simple, fun way to learn the role of mathematics in our daily life.

Recent topics presented in Show Math include: How one can find the winning combination of numbers for the next draw of the 6/49 lottery by examining the decimals of Pi. Did you know that mathematics makes it possible for MP3 players to contain all that information? How can you tell if someone cheated by playing heads or tails? Did you know that in any gathering where there are at least 23 people, there are 50% chances that at least two of them were born the same day?

Show Math will persuade students and adults alike that mathematics is everywhere!

To prepare students to better understand the material being presented during Show Math, a pedagogical kit for teachers is presently being created. It will also offer them further studies to explore after Show Math

