# ABOUT OAME/AOEM

Founded in 1973 the **Ontario Association for Mathematics Education /Association Ontarienne Pour L'Enseignement des Mathématiques** (**OAME/AOEM**) is the professional organization for everyone interested in Mathematics Education in Ontario.

Educators from publicly funded elementary and secondary schools, independent schools, and Ontario colleges and universities work together in support of math education.










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# ONTARIO ASSOCIATION FOR MATHEMATICS EDUCATION

# ASSOCIATION ONTARIENNE POUR L'ENSEIGNEMENT DES MATHÉMATIQUES

**OAME / AOEM**

**PROMOTES EXCELLENCE IN MATHEMATICS EDUCATION THROUGHOUT THE PROVINCE OF ONTARIO**

# MISSION & OBJECTIVES

**The mission of OAME/AOEM is:**

• to promote excellence in mathematics education throughout the Province of Ontario.

• to promote excellence for students by striving for a curriculum that will prepare them to meet the mathematical challenges in their lives, by fostering familiarity with the methods of mathematics and an admiration for its principles, and by giving recognition and respect to their own mathematical achievements.



• to build the capacity and excellence of educators by promoting their role as facilitators and resource persons, by supporting a variety of teaching methods to meet the varied learning styles and needs of students, by encouraging their students to gain facility in learning both cooperation and independence, and by celebrating the mathematical excellence of both individuals and groups.

# A VISION FOR LEARNING MATHEMATICS

OAME envisions a learning environment where all students do, see, hear, and touch mathematics in a profound and meaningful way. Our association sees the classroom as a community where teachers and students work collaboratively to learn and value mathematics.

In such a classroom, students engage in meaningful mathematical experiences through the use of concrete materials and manipulatives, visuals, technology, and other resources. Students build on their prior knowledge of key mathematical concepts and connect these concepts to their world.



Teachers use a variety of strategies that accommodate different learning styles and use resources to develop the investigative process in mathematics.

The learning of mathematics is supported through the active and ongoing involvement of students, parents, educators, and the community at large.

# SUPPORTING MATH EDUCATION BY:

• forming a province-wide organization linking leaders in the field of mathematics with beginning and experienced classroom teachers.

• convening many conferences, including a leadership conference each February geared to educators in the mathematics community; a comprehensive province-wide mathematics conference each May for all interested in math education; and local workshops/conferences through fifteen OAME chapters.



• organizing an annual Ontario Math Olympics competition for grade 7 and 8 students.

• providing a website, www.oame.on.ca, for math educators, as well as a "members only" section for OAME members.

• publishing a quarterly journal, *The Ontario Mathematics Gazette.*

• providing voluntary consultation to the Ministry of Education and EQAO.

• publishing and distributing resource documents to assist teachers in implementing the Ontario Mathematics Curriculum.

• recognizing outstanding educators in mathematics annually.