

6-8th Grade Math Certificate Master List

The René Descartes Critical Thinking Award

René Descartes was a French mathematician, scientist, and philosopher. He is known as the first modern philosopher. He is famous for developing the significant connection between geometry and algebra, which allowed for geometrical problems to be solved using algebraic equations. He also believed in rationalism, a method of understanding the world using reason.

The Edmond Halley Discovery Award

Edmond Halley was an English astronomer, mathematician, and physicist. He is best known for computing the orbit of the famous Halley's Comet. He calculated the distance from Earth to the Sun and predicted the return of Halley's comet. This calculation was used to determine the size of the solar system. Halley's contributions to mathematics and astronomy have changed the world.

The John Von Neumann Problem Solving Award

John Von Neumann was a Hungarian-American mathematician, computer scientist, and physicist. He is best known for his work in economics and is known as the father of game theory. He was a founding figure in modern computing and computer architecture. He described the data and the program are both stored in the computer's memory in the same address space.

The Charles Babbage Innovation Award

Charles Babbage was an English mathematician and computer pioneer. He proposed the idea of the first computer known as the Analytical Engine. Although this idea was never completed, the Analytical Engine would be the basic elements of a computer today. His contributions to the world went outside the realm of mathematics as he also explored philosophy.