

3-5th Grade Math Certificate Master List

The Archimedes Courage Award

Archimedes was a Greek mathematician and philosopher who wrote many important works on arithmetic, geometry, and mechanics. His true passion was in mathematics, and he is known as one of the greatest mathematicians of all time. He devoted his life to solving problems. Some of his discoveries were in geometry where he worked with spheres, cylinders, circles, and parabolas.

The Alan Turing Grit and Determination Award

Alan Turing is referred to as the father of modern computing. He was a mathematician and logician. He developed the idea of the modern computer and artificial intelligence. He worked for the government during World War II breaking enemies codes and was said to be a driving force in shortening the length of the war. Unfortunately, Turing passed at a young age and many wonder how much more advanced the computing world would be if he had lived longer.

The Ada Lovelace Leadership Award

Ada Lovelace was an English mathematician and is often referred to as “the first computer programmer” after writing an algorithm for a computing machine in the 1800s. She was greatly influenced by Charles Babbage, a mathematician and inventor. She worked closely with Babbage’s ideas and expanded on them. She described how codes could be created for a device to handle letters, symbols, and numbers. She also theorized that the device could follow a set of instructions, known as looping, which computer programs use today.

The Issac Newton Exploration Award

Issac Newton was an English mathematician and physicist who developed the principles of modern physics. He is well known for his discoveries with white light composition and calculus but is most famous for his formulation of the three laws of motion used in physics. He changed the way we look at the Universe by discovering the laws of gravity and motion and influenced the way we view the world.