

In educational videos like mathematics is often shown to be applied or used in various fields such as physics, art, music, architecture, and sports. It emphasizes how mathematics can be a powerful tool for problem-solving and modeling various aspects of the world around us. Contributions of mathematics in the enumerated fields

Physics: Mathematics helps describe and predict physical phenomena through equations and modeling. The quotation by Galileo Galilei "The quote, emphasizes the idea that mathematics is a fundamental language of the universe, allowing us to understand and describe natural phenomena."

Architecture: Architects use mathematics to ensure structural stability and aesthetic proportions in their designs.

Sports: Mathematics is used for analyzing and improving sports performance, such as calculating trajectories in basketball or optimizing strategies in soccer.

Advances in technology, such as artificial intelligence and data science, have increased the scope of mathematical applications.