

Understanding the Basics of STEM Education

Science
Technology
Engineering
Mathematics



With all the acronyms that determine hundreds of different areas of education, it is easy to confuse them all. Since 2001, the letters STEM have been a normal part of educational vocabulary

1

Integration of Curriculum



The science, engineering, and mathematics fields are made complete by the technology component that provides a creative and innovative way to problem solve and apply what has been learned.



2

BENEFITS OF THE PROGRAM

It teaches students independent innovation

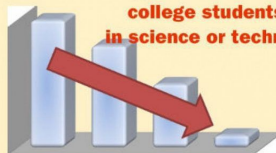
It allows students to explore greater depths of all of the subjects by utilizing the skills learned

OUR ROLE AND RESPONSIBILITY

3



In recent years, there has been a significant decline in the number of college students choosing majors in science or technology related fields



According to the National Science Foundation

80%

Of the jobs created in the next decade will require some form of math and science skills

STEM EDUCATION

is designed to teach the "whole" student and in turn will make them more successful members of society.