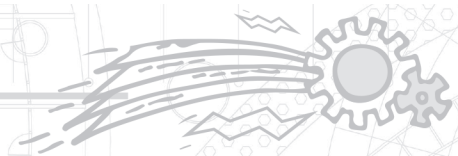


# STEM What is STEM?



## REVIEW ONLY



STEM is an acronym that stands for **science, technology, engineering,** and **math**. Whether the teaching method of these subjects or the education itself, STEM provides a more holistic approach, integrating your areas into lessons and experiments. It teaches students how to solve tough problems, gather evidence and data, and understand new information.

## School Datebooks

Many Americans want to see more STEM in the classroom. In 2015, then-President Barack Obama said, “[Science] is more than a school subject, or the periodic table, or the properties of waves. It is an approach to the world, a critical way to understand and explore and engage with the world, and then have the capacity to change that world.”



### STEM FUN FACTS



In 2014, only 16 percent of students were interested in a STEM career according to the U.S. Department of Education.

Among STEM jobs, occupations in technology, such as computing and software development, are in the highest demand.

Stefan Harshkov “also need ‘heart, guts, beliefs, and values,’” says Jack Ma, founder of Alibaba. That underscores how STEM occupations focus on humanity and improving lives.

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### AND NOW STEAM

A movement is underway to add “A” to the acronym, making it **STEAM**, and many are adopting it. The “A” represents “art” and its creative disciplines, adding to the mix to reflect the role of artists and designers in innovation. Two examples of art’s influence: a pacemaker based on a musical metronome; and medical stents that were inspired by origami.

