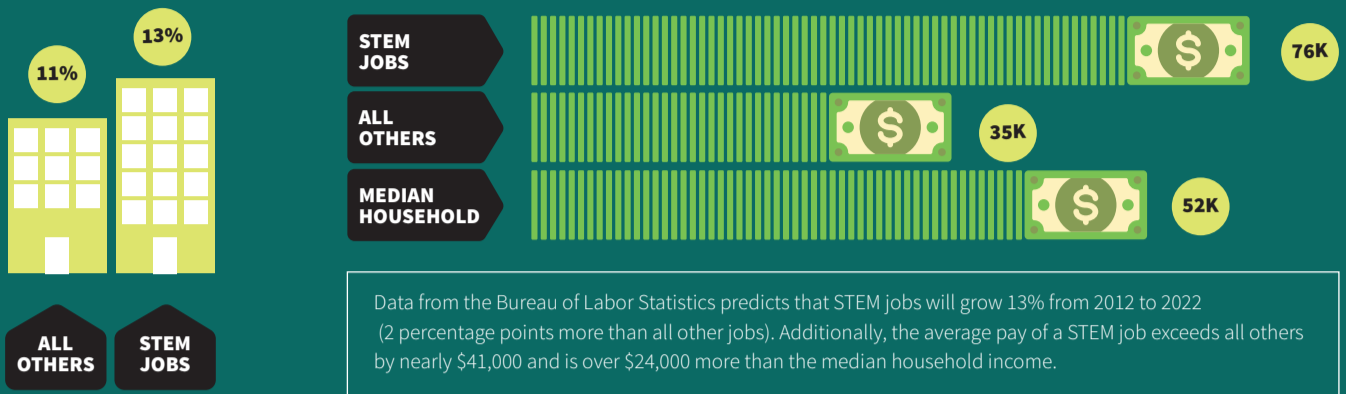


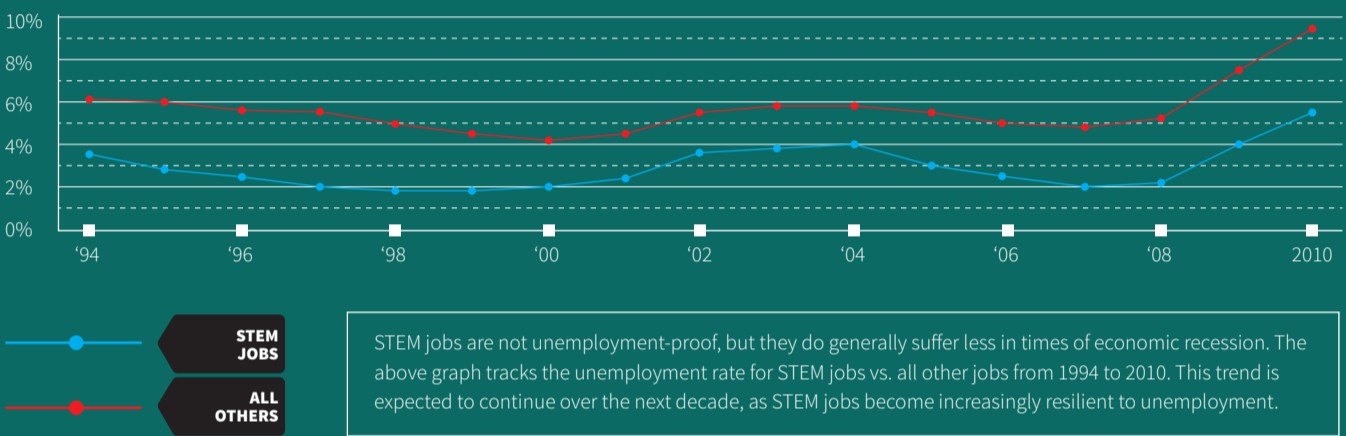
THE FUTURE OF STEM CAREERS

The future of the economy is in STEM," says James Brown, the executive director of the STEM Education Coalition in Washington, D.C. "That's where the jobs of tomorrow will be." Gathering data from the U.S. Bureau of Labor Statistics (BLS), the U.S. Department of Commerce, and the employment search site, Monster, we have compiled some amazing statistics showing that from 2012 to 2022, STEM—science, technology, engineering, and mathematics—jobs/careers are expected to increase by 9 million!

STEM JOBS ARE GROWING



FEARLESS IN THE FACE OF UNEMPLOYMENT



PERSONAL SKILLS

PATIENCE

STEM work involves repeated trials, routine tasks, and frequent failure.

TEAMWORK

Discoveries aren't made alone; your team will be critical for success.

COMM.

Communicating your findings clearly enables your work to be widely used.

CRITICAL THINKING

Thinking through problems in creative ways with deep analysis is at the heart of the work.

EDUCATIONAL REQUIREMENTS

- High School Diploma**
There are very few STEM careers available for those who earn only a high school diploma. Nevertheless, preparation for a STEM future starts in K-12 when you explore your interests and take AP classes.
- Associate's and Bachelor's Degrees**
Technicians, specialists, and drafters require at least an associate's degree, but to make more money, you'll need a bachelor's. People with these degrees can pursue engineering, finance, programming, and applied sciences.
- Graduate Degree**
Investing 1 to 2 more years in your education after college can mean making even bigger strides in your STEM career. Master's degrees and doctorates permit you to work in deep research, medicine, and experimental fields.

TOP 10 MOST VALUABLE STEM MAJORS

What are the most up-and-coming STEM fields? We have your answer below—the average salary in the U.S. (2013 data) and projected percentage growth from 2012-2022 are listed beneath each of the fields of study.

