



www.ScientificLiteracyCenter.org

INSTRUCTORS • STUDENTS • PARENTS • ADMINISTRATORS



Visit the Center's Online Portal

STEM Careers

Search database of more than 150 STEM occupations and 90 STEM professional and trade organizations.

STEM Pioneer Biographies and Interviews

Visit featured video archive of interviews with 200 plus STEM pioneers.

Virtual STEM Advisor

Learn from virtual instructors who assist students with questions related to STEM careers.

Scientific Literacy Survey

Take quizzes to help identify your strengths and deficiencies in scientific literacy.

Scientific Literacy Course

Participate in Scientific Literacy Course video productions with PowerPoint presentations and activities. Note: Our Scientific Literacy course has increased retention in STEM college freshmen by 30%.

Digital Library

Search database of scientific literacy and STEM-related research articles, publications, reports, and related resources.

Scientific Literacy Statistics

Only 30% of U.S. high school graduates entering college are ready for college-level science.



U.S. students rank 25th in math in the world.



U.S. students rank 17th in science in the world.



Only 39% of college freshman STEM majors scored moderate to high on a scientific literacy scale.

Career Outlook for STEM Majors

- STEM-related job opportunities will grow nearly 17% over the next decade; more than 60% of those jobs will require a college degree or higher.
- There will be a million more new STEM job openings in future years and students are currently not in the pipeline to fill these positions.
- By 2018 close to 65% of STEM job openings will be for those with Bachelor's degrees and above.

Retention In STEM

- Currently in the US, one out of every two freshman STEM majors do not graduate with a STEM major.
- The majority of STEM majors that switch to non-STEM majors do so during their first two years of study due to poor grades or disenfranchisement.
- One-fourth of minority students who start as STEM majors graduate with a STEM major.

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