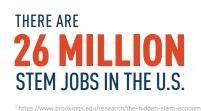


For years, research has linked achievement in STEM programs to visual spatial literacy. With *Gale Interactive: Science*, students build confidence to explore science from every angle. By incorporating technology, visualization, and interactivity students go beyond static text and achieve the ultimate outcome—discovery.

# A GROWING DEMAND





HOW STUDENTS RECEIVE

**FNGAGEMENT & RETENTION** 

of the

population are

INFORMATION IMPACTS

#### STUDENT PERFORMANCE IS SUFFERING



of U.S. 8th graders are not proficient in science when they complete 8th grade<sup>2</sup>

### 38%

said STEM was too challenging<sup>3</sup>

**34%** said they don't know much about STEM<sup>3</sup>



said they are not well prepared for further STEM education<sup>3</sup>

<sup>a</sup> https://elearninginfographics.com/importance-stem-k12-education-infographic/

93% of K-12 parents believe STEM education should be a priority<sup>5</sup>

<sup>5</sup>https://news.microsoft.com/dov

**49%** Yet, less than half believe the U.S. actually prioritizes STEM education<sup>5</sup>

vnload/archived/presskits/citizenship/docs/STEMPerceptionsReport.pdf



of information

that comes to

the brain is

WHY?

Only 1 in 5 college students

in a STEM program believe K-12 education adequately prepared them for their college coursework<sup>6</sup>

<sup>6</sup> https://www.usnews.com/education/blogs/high-school-notes/2011/09/28/survey-stem-engagement-begins-early

## INTEGRATING 3D TECHNOLOGY

Interactives Powered By: 💙 V I V EI

#### 3D TECHNOLOGY IN CLASSROOM INSTRUCTION HAS LED TO:

- Improved Comprehension<sup>7</sup>
  Increased Engagement<sup>7</sup>
- Better Test Scores<sup>7</sup>
  Highly Satisfied Str
  - Highly Satisfied Students<sup>7</sup>

can help at gale.com/scienceclass.

Student success in STEM begins with a strong

foundation. Learn how Gale Interactive: Science

HOWEVER, 80% OF INSTRUCTION IS DELIVERED ORALLY



BRING THE LAB TO YOUR CLASSROOM

