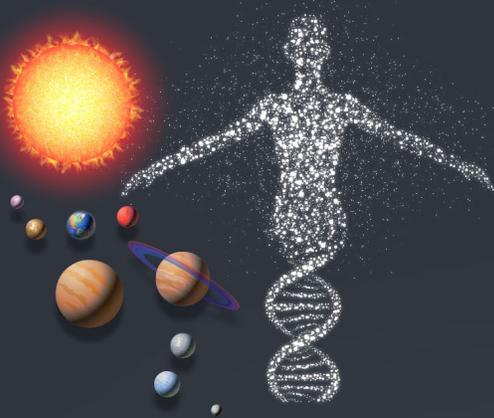


# Why It's Time for **NEW** SCIENCE EDUCATION STANDARDS

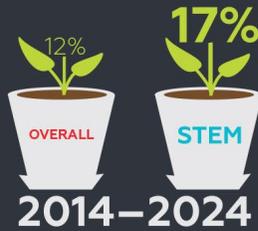


Science education needs to keep pace with the changing world around us<sup>1</sup>



We've made major advances in science and technology

Our nation's workforce needs people with STEM skills<sup>2</sup>



STEM employment is expected to grow faster than overall employment



STEM jobs comprise 20% of all U.S. jobs



STEM majors earn \$300K MORE than non-STEM majors over their lifetime

Science knowledge has an impact on the daily lives of all Americans<sup>3</sup>



Science and technology helps us fight disease, protect the environment, and find new energy sources

Students are not prepared for the future<sup>4</sup>



In 2014 only about a third of high school students who took the ACT test were ready for college-level science



We know more about how students learn science

## NEXT GENERATION SCIENCE STANDARDS

Pathway to Success

Learn how you can support science learning in your school and community at [www.nsta.org/ngss](http://www.nsta.org/ngss)



**NGSS@NSTA**  
STEM STARTS HERE

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