

The **mission** of the Speakers Bureau is to inspire and encourage middle school and high school students, especially under-represented minorities, to pursue careers in STEM fields.



Our **vision** is:

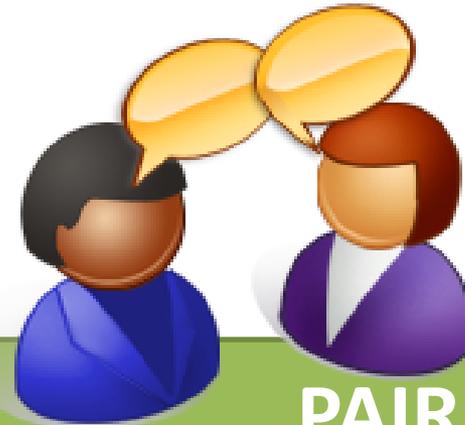
- To share with students why we love working in STEM careers
- To explain to students the impact they can have on the world by working in STEM
- To show students the diversity of real-life women and men in STEM. *We look like them!*





## THINK

Make a list of the people in your life that informed your understanding of STEM careers as a young person.



## PAIR & SHARE

Who was the most influential person in guiding your decision to pursue an education and career in STEM?



1  
What do  
you love  
about being  
a STEM  
Professional?

2  
What impact does your work  
have on the world today?



Engineering is essential to our  
**health, happiness & safety**

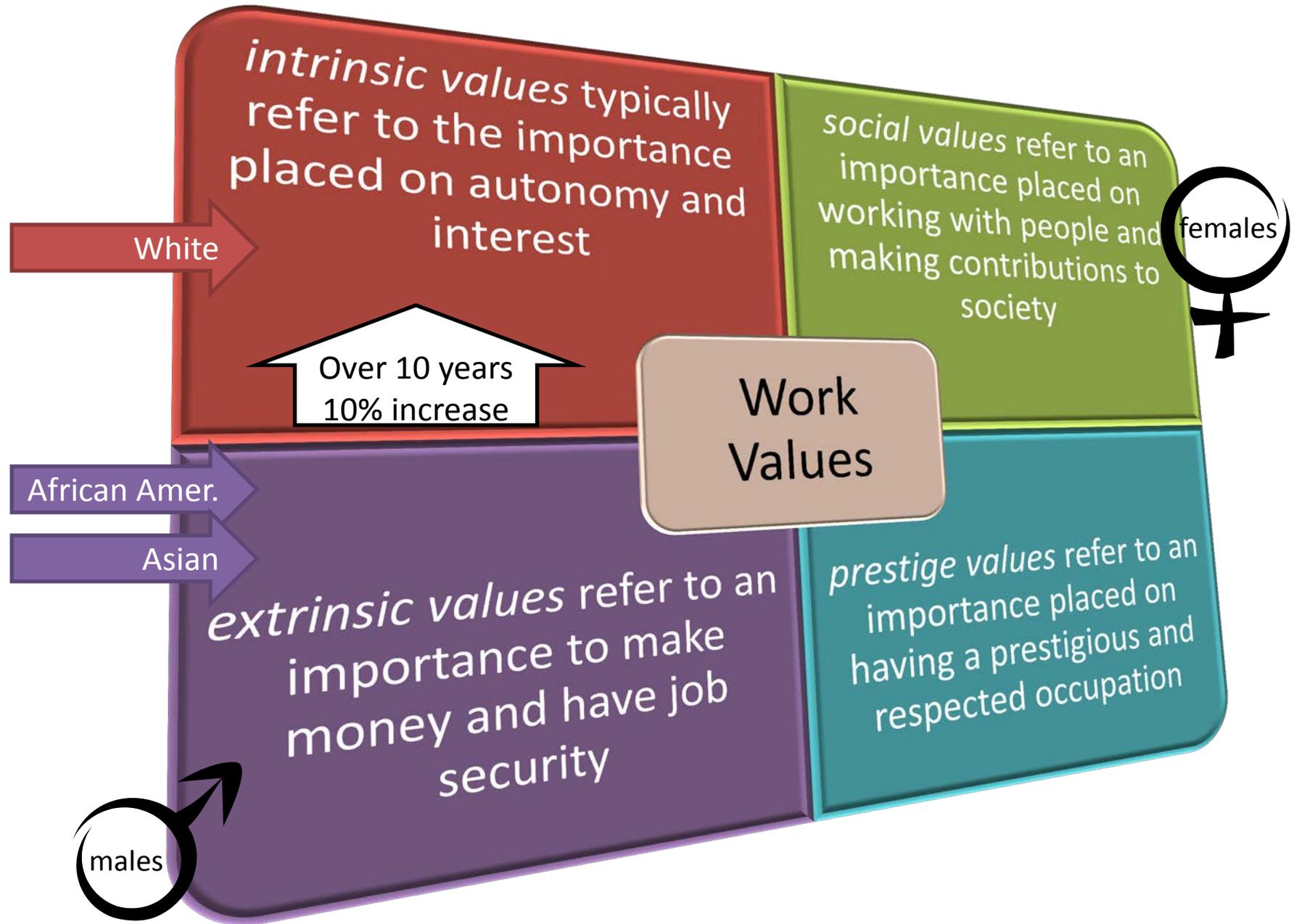


Engineers are **creative &**  
**collaborative problem-solvers**



Engineers make a **world of difference**  
and help **shape the future**







Career Path Drive

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[Home](#) > [Careers in Science](#)

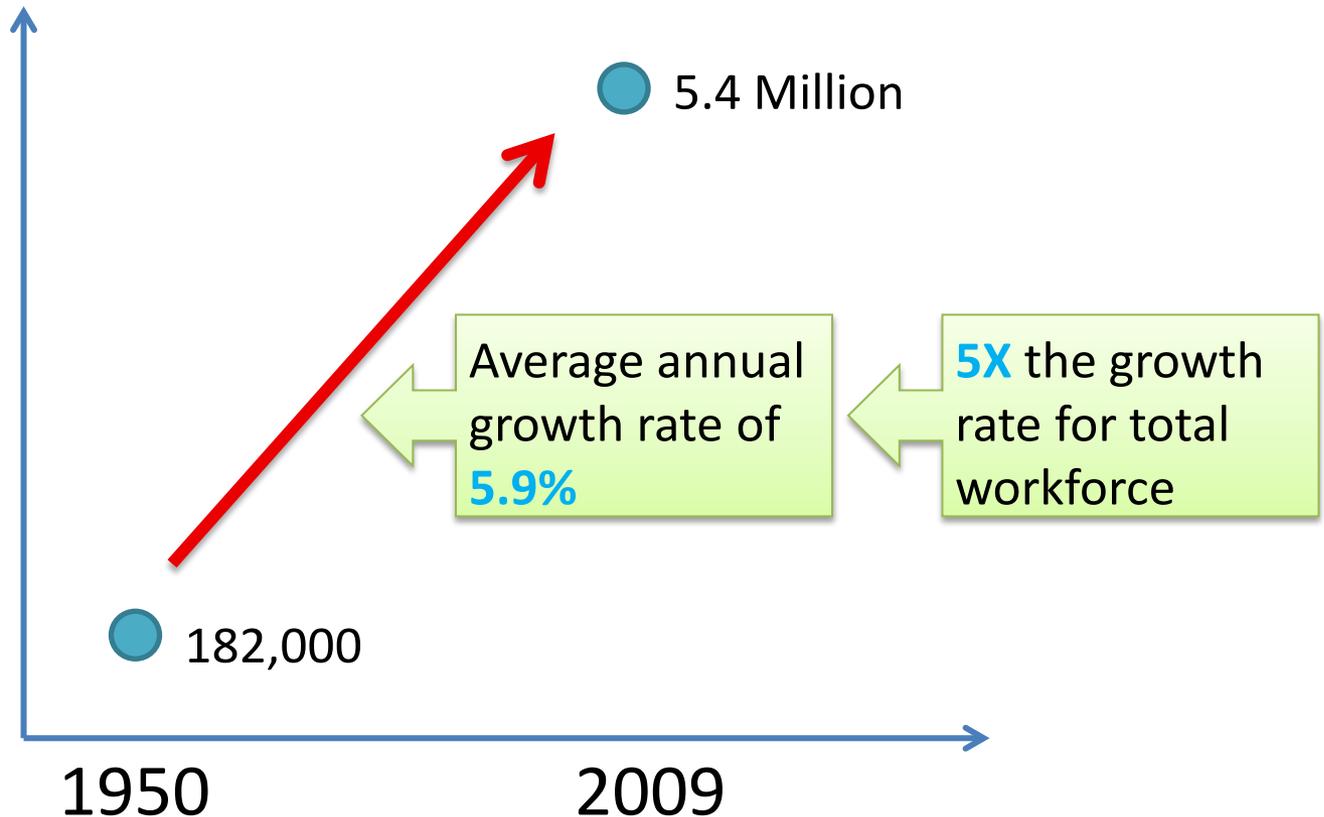
**Careers in Science**

# MARKET WATCH

Understand the demand



Numbers of workers in **science** and **engineering** occupations



**7 out of 10 of the fastest growing occupations (requiring at least a 2 year degree) are in STEM!**

# a

My math ability is something very basic about who I am, and I can't change that very much.

# b

No matter what my current state of math ability might be, I can improve it quite a bit.

# c

I can learn new math concepts, but I am not a math person, and my ability won't change.

# Resources

- [http://www.sciencebuddies.org/science-fair-projects/science\\_careers.shtml](http://www.sciencebuddies.org/science-fair-projects/science_careers.shtml)
- <http://www.bls.gov/ooh/Architecture-and-Engineering/>
- <http://engineeringfocus.org/>
- <http://workshops.meaganross.com/>
- <http://engineeryourlife.org/>
- <http://www.teachengineering.org/>



**What do you love about being a STEM Professional?**



**What impact does your work have on the world today?**



**Who was the most influential person in guiding your decision to pursue an education and career in STEM? Why?**



**Describe an average day in your life as a STEM professional.**

Students most often don't know about careers in STEM, and as a volunteer speaker, I have the opportunity to be a role model.

We can attract students to STEM careers by using positive messaging.

Education in STEM provides lots of career options and opportunities.

Success in mathematics and science is not based on innate ability