

✧ A Career Guide ✧

START ENGINEERING

LEARN ABOUT:

- Exciting career opportunities
- The major fields of engineering
- Universities and colleges
- Salary info
- And much more!



“Every girl deserves to take part in creating the technology that will change our world and change who runs it.”

— Malala Yousefzai, co-winner of the 2014 Nobel Peace Prize

Greeting NH Students!

High school students all over the globe are asked, “What do you want to be when you grow up?” I have a different question for you: “How do you want to impact the world?” Dream big! What are the major problems or challenges that face your community? How might those problems or challenges be addressed?

- Do you want to explore quantum physics and develop a teleportation device in order to modernize global travel?
- Would you like to invent a cure for cancer, or better yet, a vaccination that prevents cancer?
- Are you the creative type? Perhaps you want to design interactive materials for outfits that have cooling and heating features and adapt with the surrounding environment’s climate. Or if medical science is more your field, perhaps you would consider developing robotic prosthetics to improve the mobility of humans or pets that have lost a limb.
- Any tech and gaming fans out there? Would you like to develop the next top game or the newest, fastest system with virtual reality technology that revolutionizes the industry? Perhaps languages are your thing, and you would like to learn how to code?
- Do you have an eye for design? App designers, content developers, and engineers all use their creativity to produce concepts for their clients.
- Are you more interested in sleuthing and protecting others? Those in the world of cybersecurity may search for weaknesses in organizations networks, develop patches for software, and protect individual’s data so that fraudulent activity does not take place.

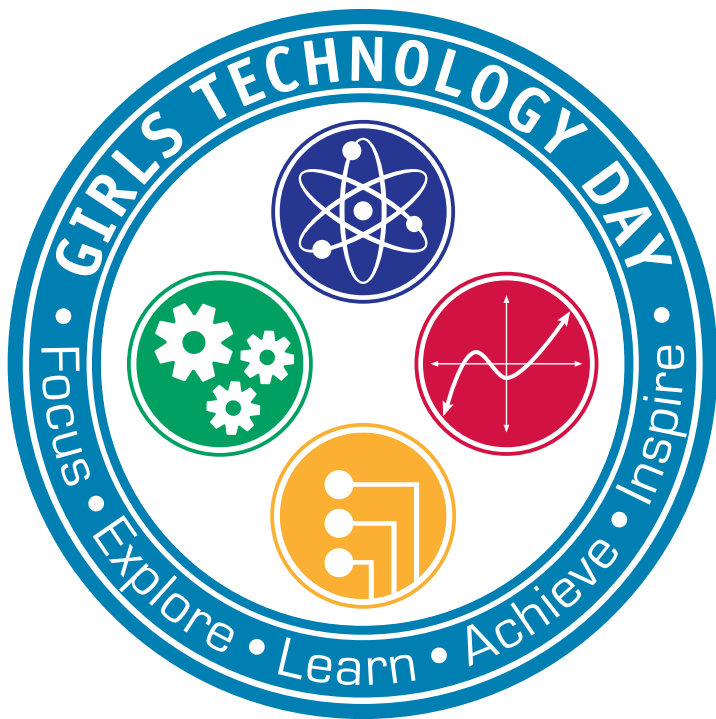
All of these opportunities are science, technology, engineering, and math (STEM) career paths, and many of these career options are in high demand and pay very well. So, are you looking for a high wage, high demand career that is rewarding? If so, I would encourage you to talk to your parents, your friend’s parents, teachers, and school counselors about your interests. There are so many ways to explore STEM careers! You may take an exploratory technology class, interview someone in the field, shadow someone for a day, go online and participate in a virtual job shadow, participate in an internship or extended learning opportunity. The opportunities are limitless! You just need to ask those around you about the opportunities that exist.

Persevere in your passion to explore, and you will find the right contacts that will share their career experience with you. The exciting world of STEM will open its doors, and once you begin to explore, you’ll find yourself drawn in by the ever changing opportunities to make the world a better place by getting involved in STEM!

With best wishes for your successful future,

The NH Department of Education - Career Development Bureau





Aim for a Successful Future with a Career in STEM!

“To keep girls’ minds open, old stereotypes should not be passed down to future generations.” —*Hannah Dobson*
GTD 2015

Talk to your School Counselor about STEM-related career and technical education (CTE) programs in your area, or contact your local CTE center for more information:

<https://my.doe.nh.gov/profiles/cate.aspx>

Explore all that New Hampshire CTE has to offer at:

<http://www.education.nh.gov/career/career/index.htm>



**Learning that works
for New Hampshire**