Careers in STEM

STEM:
- S – Science
- T – Technology
- E – Engineering
- M - Math

Examples of STEM Careers:
- *Spacecraft Engineer* – develop and test software to command and control spacecraft in orbit
- *Automotive Engineer* – design / modify automobiles and automobile products and accessories
- *Software Developer* – create new technologies for business and people, such as apps, computer programs, and web sites
- *Environmental Engineer* – help to protect the environment
- *Biomedical Engineer* – develop new medicines and types of medical equipment
- *Security Analyst* – protect businesses and government against cyber-attacks and data breaches
- *Marine Biologist* – study the oceans and the creatures in them
- *3D Designer* – take ideas and make them into real objects
- *Statistician* – understand data to help plan and make predictions

Education Needed/Other Requirements:
- College associate's degree (2 years) or, more likely, bachelor's degree (4 years)
- In some instances, a master's degree (usually 2 years) and doctoral degree (4+ years)
- In some instances, certificates and/or licenses, for example, an actuary, accountant or engineer
- Internship(s) and/or co-op(s) (college work/study programs)

Skills/Personality Traits:
- Critical thinking
- Analytical skills
- Problem solving
- Collaboration
- Adaptability and flexibility
- Innovation and creativity
- Argumentation
- Curiosity

Helpful Links:
- 7 STEM Careers Kids Can Explore, https://www.familyeducation.com/teens/7-stem-careers-kids-can-explore
- Explore the Top Careers in STEM, https://www.learnhowtobecome.org/career-resource-center/careers-in-stem/
- Five Careers in STEM that Range from a Certificate to a Doctorate, https://ssec.si.edu/stemvisions-blog/five-careers-stem-range-certificate-doctorate
- The Ultimate STEM Career Guide, https://www.kforce.com/stem-guide/