

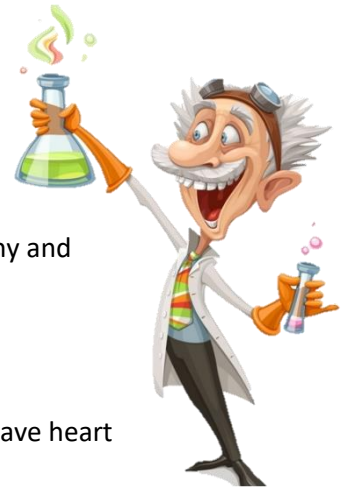
## Science

### Learning and studying about the natural world

Science starts with questions and investigation. Important questions scientists might ask are why and how things work to help plan experiments and make observations about the world.

There are many career opportunities in science!

- Biologist: Study life and organisms, like bugs!
- Astronaut: This person trains to travel in space for exploration!
- Cardiologist: This kind of doctor knows about the heart and can help people that may have heart problems.



## Technology

### Things created by humans to make life easier

Technology can be used to help humans do jobs that may be too difficult or dangerous like exploring the deep floors of the ocean. You probably use technology in your everyday life, too!

- Programmer: Uses coding languages to help computers perform commands given by the user.
- Game developer: Creates video games for kids and adults to enjoy.
- Mobile designer: Designs and creates apps that are easy and fast to access in cellular devices.

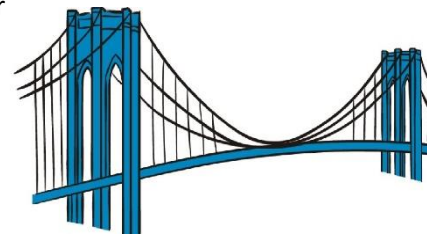


## Engineering

### Using science to make useful machines or structures

Engineering is about using knowledge to problem solve. Engineers design and create solutions to problems created by nature or humans. Engineering can be anything from designing a car to building the roads that cars drive on. If you can think it, you can make it!

- Civil: Think big! These engineers design roads, bridges, dams, and other structures.
- Biomedical: Apply their knowledge about biology and engineering to make medical devices or therapies, such as a prosthetic hand.
- Mechanical: Designs and builds machines, such as a roller coaster!



## Mathematics

### Study of numbers, measurements, and shapes and relationship to them

Math involves using numbers to describe objects, space, or processes. Math can be used to predict changes in the weather based on patterns and equations.

- Statistician: Analyzes data and uses math to solve problems in business, engineering, healthcare, and other fields.
- Math teacher: Helps students learn and build strong math skills!
- Actuary: This person uses math to calculate, measure, and manage risks related to financial or insurance decisions for businesses or groups.

