

# Become an Engineer



## What is a civil engineer?

A civil engineer is a type of engineer who designs and supervises the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems.

## Why does this matter?

Take this quick quiz (Don't worry — you won't be graded on it!):

- Did you travel on a road or across a bridge on your way to school today?
- Does water come out of the faucet when you turn it on?
- Have you ever watched water rush down a storm drain after it rains?
- Have you ever wondered what it takes to design the school building you're standing in now?

If you answered "yes" to any of these, engineers have had an impact on your life. The roads in your town didn't appear by magic. They were carefully planned by an engineer. Engineers make our lives easier every day. Without them, we wouldn't even be able to flush the toilet!

## Do you like playing Minecraft or playing with LEGOs?

Being a civil or structural engineer is kind of like that. You have to choose the right bricks or materials for the job and experiment with different designs to see what works best. Civil and structural engineers know how to make different kinds of structures in a way that makes them safe and strong.

## What do you want to be when you grow up?

You might answer veterinarian, superhero, firefighter, athlete, or artist — all good choices. But consider adding engineer to your list! It's rewarding, interesting, and fun.



**So, yes? You think you might want to be an engineer someday?! That's awesome! Here's what you should do:**

- Got a class project? Interview an engineer!
- When you get to middle school and high school, choose to take fun and challenging science and math classes.
- If you have the chance to take part in STEM-related activities, be the first to sign up!

Stick with STEM! When it's time, join us at [GarverUSA.com/Careers](https://GarverUSA.com/Careers)

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## Engineering Word Search

H L H V Y P J V B U T E C H N O L O G Y  
Z T A B D B T J P P Q W C C D L Q Z U F  
U I O G Z I I R G O F R F J X M B O A B  
I P V A J U V C A Q V F Q P B Y Y K U S  
E E M R X L R G C N E Y G F S G I X L P  
D N S V U A Q M U Y S H P C N L V X Q P  
T U C E S Q D Z E X I P Q P K I P H U K  
Y G I R K A S O M H J K O N G E G Z Q H  
Q L E C N J Y E D X A V A R H M F D N Y  
L M N O G Q F S S T E Y M K T S G V X M  
O A C N Q S F K O D P W W P J A L J P L  
O T E S E N G I N E E R I N G A T O O V  
E H C T D P I P P W H G N U W V O I P W  
P A Y R W D X Q G V S L T I A I Q S O C  
E Q T U R S J A N Y J T L L T A Q F P N  
D M T C R E K Z Y L K X E S E T W W F A  
B X E T B U I L D I N G S M R I I H H G  
X J W I R Q T G O W N S N Q U O Y Q Y J  
S I R O Z K R V L T C L I P E N B Q G U  
X N H N W G O T Z Y C S M M C S Y V L W

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