Few kids can say what engineering is or what an engineer does. Yet once they find out, many are hooked! You can be the one to help a young person discover his or her dream job. As you work with kids, use the information below to talk with them about engineering.

**WHAT’S AN ENGINEER?**
Engineers dream up creative, practical solutions and work with other smart, inspiring people to invent, design, and build things that matter. They are changing the world all the time.

**WHAT DO ENGINEERS DO AT WORK?**

- **Think creatively.** Engineering is an ideal outlet for imagination and creative problem solving—the perfect field for independent thinkers.
- **Work with great people.** Engineering takes teamwork. As an engineer, you’ll be surrounded by smart, creative, inspiring people.
- **Solve problems and design things that matter.** Engineers improve peoples’ lives by tackling problems, improving current designs, and coming up with solutions no one else has thought of.
- **Change the world and make a difference.** Among many other pursuits, engineers develop systems that save lives, prevent disease, reduce poverty, and protect our planet.

**HOW DO ENGINEERS MAKE THE WORLD A BETTER PLACE?**
Here are some things engineers do to help improve people’s lives.

- Create more fuel-efficient cars
- Design a lighter bike frame
- Invent a more powerful superglue
- Create satellites that detect drought around the world
- Develop state-of-the-art cell phones
- Invent artificial retinas for the blind
- Develop a feather-light laptop
- Design clothing that repels mosquitoes

**FIND OUT MORE**
For more great reasons to become an engineer, fun projects, and profiles of engineers doing innovative work, visit the following Web sites:

- Engineer Your Life at engineeryourlife.org
- Discover Engineering at discoverengineering.org/home.asp