

Name _____ Date _____ # _____

Scientists and Engineers: Problem Solvers in Our World

Have you ever wondered how new inventions are made or how we learn about the world around us? Scientists and engineers help make these things happen!

What Do Scientists Do?

Scientists are people who ask questions about how things work. They use experiments and observations to find answers. For example, a scientist might study how plants grow, what makes the weather change, or why the sky is blue. Scientists use tools like microscopes, thermometers, and computers to gather information. They write down what they learn so others can use it, too.

What Do Engineers Do?

Engineers use science and math to solve problems and build things that help people. An engineer might design a bridge, create a new kind of car, or figure out how to clean dirty water. Engineers plan, draw, and test their ideas. They work in teams to make sure what they build is safe and works well.

How Are Scientists and Engineers Alike?

Both scientists and engineers are curious. They like to ask questions and solve problems. They both work carefully and keep trying, even if something doesn't work the first time. Sometimes, scientists and engineers work together to make new discoveries and inventions!

Why Are They Important?

Scientists and engineers make our lives better. They help us understand our world and invent things that make life easier, safer, and more fun. The next time you see a cool invention or learn something new about nature, remember to thank a scientist or an engineer!

Comprehension Questions

1. What is one thing a scientist might study?
 - a) How to draw cartoons
 - b) How plants grow
 - c) How to bake cookies
2. What do engineers use to solve problems?
3. Name one tool that a scientist might use.
4. How are scientists and engineers alike?
5. Why are scientists and engineers important in our lives?