

STEM Scavenger Hunt

Did you know that crickets have ears on their legs? Or that no piece of paper can be folded in half more than seven times? Or that there are hundreds of careers that come up with these kinds of facts?

Using the STEM Career Flip Book, complete this scavenger hunt, check out some fun STEM facts, and learn about interesting innovations! Visit www.scholastic.com/STEMideas/Kids to access the STEM Career Flip Book to keep the fun going at home.

<p>S (Science)</p>	<p>The world's population is expected to rise to over 9 billion by 2065. What type of scientist could make the innovations that will ensure future populations have enough food? _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>We're not as different from apes as we thought. At the age of 26, wildlife biologist Jane Goodall was accepted into the lives of wild chimpanzees. What three things did she discover about our closest relatives? _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Sources: census.gov and PBS.org</p>
<p>T (Technology)</p>	<p>Web developers use psychology to help guide viewers' actions. What techniques do they use to capture our attention when designing a webpage? _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>The first full-length computer-animated cartoon movie was Toy Story in 1995. What type of technology whiz uses computer animation techniques to create everything from movies to video games to online activities? _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Sources: http://webdesign.tutsplus.com; www.wisegeekedu.com; IMDB.com</p>
<p>E (Engineering)</p>	<p>Frank Lloyd Wright said: "Architects make civilization not only possible, but also beautiful." One of Wright's best-known masterpieces is the Guggenheim Museum in New York City. How many buildings did Wright design in his lifetime? _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>There are cars on the road that can parallel park on autopilot. And we may start seeing driverless cars on the road in the next few years. What type of engineers will design these new cars? What kind of technology will they use to make this possible? _____</p> <p>_____</p> <p>_____</p> <p>Sources: franklloydwright.org; ianallanford.co.uk; forbes.com</p>
<p>M (Mathematics)</p>	<p>Current events affect the economy every minute of the day. How do financial analysts keep up with the trends that help them predict financial changes? _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Statisticians review all kinds of data and come up with important statistics, as well as just-for-fun facts.</p> <p>Provide the data to complete the statistics below.</p> <ul style="list-style-type: none"> ▪ The average person has over _____ dreams per year. ▪ In Canada, _____% of all accidents involve a moose. ▪ Only _____% of people can flare their nostrils. <p>Sources: SSA.gov; www.omgfacts.com; http://factfanatic.com</p>

STEM Personality Quiz

What Kind of STEM Whiz Are You?

Do you love numbers? Or are you a scientist at heart? Do you like tech tools? Or do you want to design new things? Take the quiz to find out which **STEM career field** is your perfect fit!



1 Which science fair project sounds like the most fun?

- a. Removing DNA from vegetables
- b. Designing a new cell phone app
- c. Making a solar-powered model car
- d. Figuring out the best angle for a winning basketball shot

2 You have a day off from school. What do you do all afternoon?

- a. Train your family pet
- b. Surf the Internet
- c. Build a model rocket
- d. Study baseball batting averages

3 You're bored in study hall and doodling in your notebook. What do you draw?

- a. The solar system
- b. Your favorite video game characters
- c. Cars and airplanes
- d. 3D shapes like cubes and cylinders

4 Which adjective describes you best?

- a. Curious
- b. Forward-thinking
- c. Creative
- d. Logical

5 You're stuck in the car on a long, boring trip. You decide to play a counting game to pass the time. What do you count?

- a. Types of trees
- b. Car models
- c. Bridges and tunnels
- d. The number of miles you travel

If you answered...

Mostly A's:

You might be a super scientist. Science is a great choice for curious people who want to find out how the world works!

Mostly B's:

You might be a tech wiz. Tech careers are perfect for people who like to be on the cutting edge!

Mostly C's:

You might be an engineering genius. Engineers design the products and systems that keep society moving!

Mostly D's:

You might be a master mathematician. Lots of great jobs need people who are good at numbers!