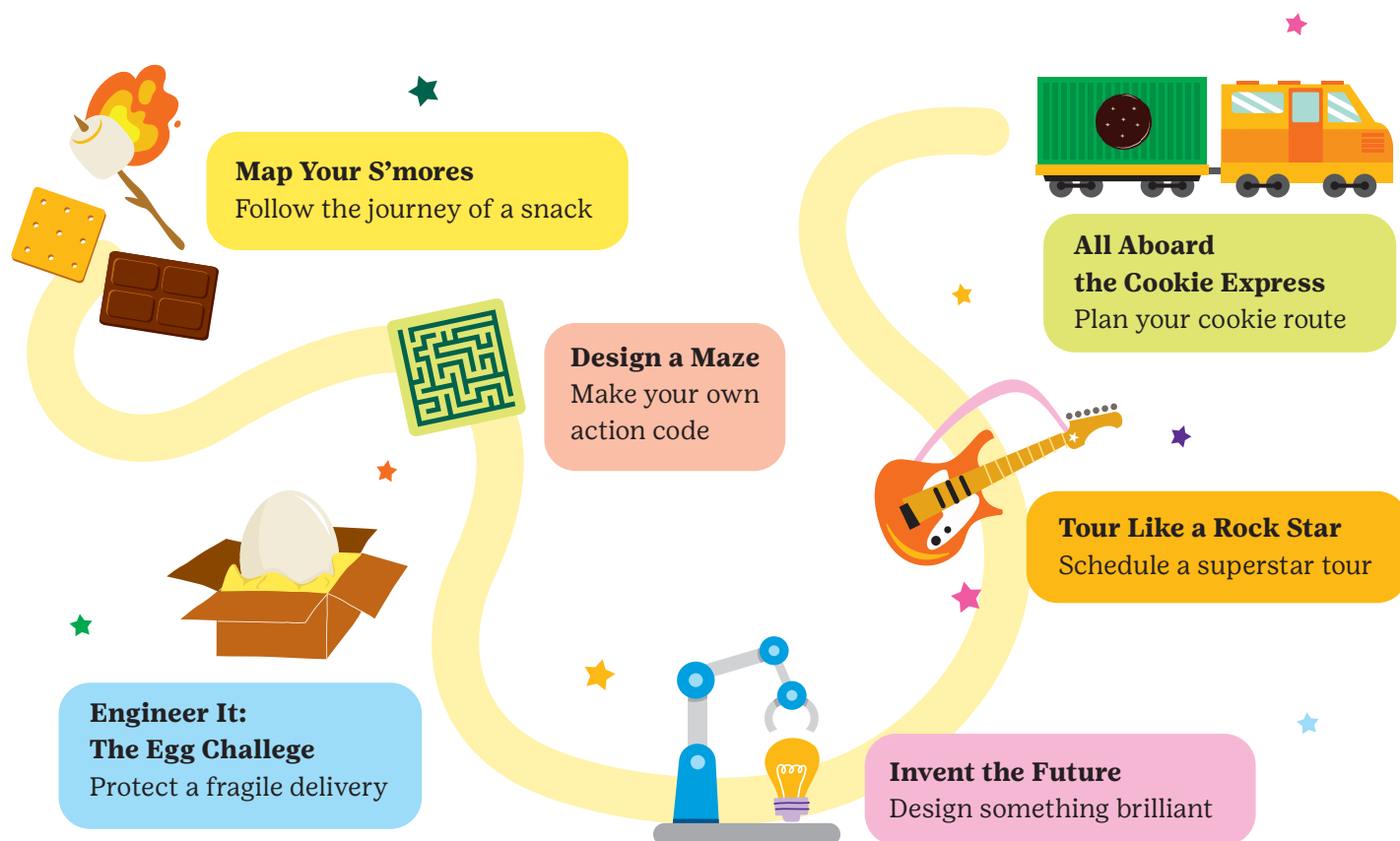


# Calling All Solutions Superstars!

Do you love cracking tricky puzzles and coming up with clever fixes? That's creative thinking and problem solving in action. Or maybe you're the one who plans game night, figures out how to carry a carload of gear in one trip, or helps groups to work together seamlessly. That's critical thinking, planning, and teamwork. All of these skills help you to find solutions—and that makes you a **Solutions Superstar!**

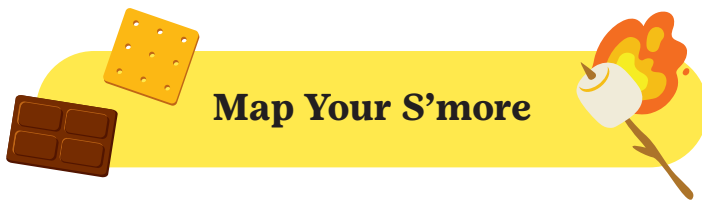
**Choose any three of the six activities below to practice solving problems with logistics.**



This guide will spark big ideas and boost your problem-solving talents. As you do the activities, think about how you could use these skills in the future. From planning to problem-solving, your powers can help the world run smoothly—especially in careers like logistics. Check out the **“Future Focus”** tips to see where your superpowers might take you.

**Get your superpowers ready—here we go!**

*Made possible by*



## Map Your S'more

The graham crackers in your s'mores started as wheat growing in a field. Every product at home had a journey—and lots of people helped make it happen.

### How to Map It:

1. Grab a big piece of paper and something to draw with.
2. Draw a map showing how wheat turns into flour, then into graham crackers.
3. Add a path showing how the crackers traveled to your home.

You just mapped a supply chain—the path a product takes from raw materials to your door!

**Future Focus:** Careers in the supply chain include Warehouse Managers, Truck Drivers, and Engineers who make the whole process better.

## All Aboard the Cookie Express

Delivering Girl Scout Cookies is super fun—but the faster you do it, the more time you'll have for adventures with your troop.

### Your Mission:

1. Draw a map of your neighborhood and mark five cookie drop-off spots.
2. Plan the shortest route to deliver to all five—what's the best path? Why?

Every stop changes your route, so think smart!

**Future Focus:** Loved this? Check out careers like Transportation Manager or Logistics Coordinator.



## Tour Like a Rock Star

You're the tour manager for your favorite singer, and they want to play shows in Columbus, Chicago, Memphis, Detroit, and one city of your choice (maybe your hometown).



### Your Mission:

1. Figure out the best travel route linking all five cities.
2. Design a cool tour poster with all the concert dates and locations.

Planning a route isn't easy—you've got to think about the big picture!

**Future Focus:** If you love planning trips, you might enjoy being a Route Planner, Travel Consultant, or Event Planner.

## Design a Maze



Codes and symbols help people move quickly and safely through a maze of paths and challenges.

### How to Play:

1. Use removable tape in several colors to make a pattern of shapes or colors on the floor.
2. Pick an action for each symbol, like "wave" for blue or "sing" for a star.
3. Move through your maze a few times. Does it get easier each time? If you get stuck, try changing a symbol to make the maze simpler. *Can't do it on the floor? Make a paper version with your own secret code.*

You're a-maze-ing! A real-life example of symbols and codes that keep things moving smoothly in the "maze" of life are traffic lights and barcodes.

**Future Focus:** Robotics Engineers and Computer Programmers create codes like these every day.

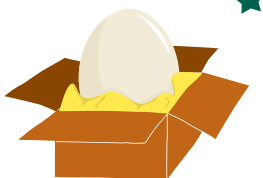
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## Engineer It: The Egg Challenge

Have you ever gotten something fragile in the mail? How was it wrapped? Use what you've observed to protect a raw egg from breaking when tossed.

### How to Play:

1. Grab supplies like cotton balls, bubble wrap, paper, tape, and cardboard.
2. Pack your egg carefully—but don't waste materials! Use only as much as you think you absolutely need.
3. Toss the package and see if your egg stays safe.

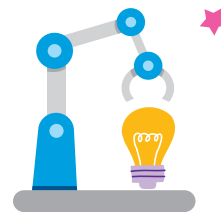


Solutions Superstars always look for better, more eco-friendly ideas—like the sustainable packaging you just used to protect a fragile item!

**Future focus:** Robotics Packaging Designers create safe, stylish packages. Quality Control Inspectors make sure a product looks and works perfectly.

## Invent the Future

Technology makes life easier, safer, and more fun—think watches, scooters, and electric toothbrushes. What would you invent?



### How to Create:

1. Pick a process or an item at home, school, or in your community that could use a fix.
2. Draw an invention to fix the process or item. You could also build a model using recycled materials, tape, scissors, and string.

You've just made a prototype—an early version to test how your invention works and what you'll need to build it for real. Be proud—you're a future inventor!

**Future focus:** Love creating cool gadgets? Check out careers like Industrial Engineer, Software Developer, Product Designer, or Architect.

### You Did It, Solutions Superstar!

You've put your brainpower to the test and showed off some seriously awesome problem-solving powers. The world needs more minds like yours. Now it's time to reflect on everything you accomplished.

#### Where do you think you can use your superpowers? (Check all that apply.)

- |  |   |   |
|--|---|---|
| <input type="radio"/> At school                  | <input type="radio"/> In your community         | <input type="radio"/> Inventing something new |
| <input type="radio"/> On a team                  | <input type="radio"/> Solving problems at home  | <input type="radio"/> Helping others          |
| <input type="radio"/> With your Girl Scout troop | <input type="radio"/> In a future job or career | <input type="radio"/> With your friends       |



### Now make it official!

Get your **Solutions Superstar** patch and wear it with pride on your Girl Scout uniform—you've earned it!

Visit [girlscoutshop.com](http://girlscoutshop.com), your destination for everything Girl Scouts!



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