



Facilitator Tips for Solutions Superstar

Find tips and ideas to guide Girl Scouts and other participants through this program.

Below are some tips and tricks to help your Girl Scouts earn their patch. In completing this program, your Girl Scouts will learn hands-on ways they can use important skills like critical thinking, problem-solving, and teamwork.



Any of your Girl Scouts interested in a potential career in logistics? [Watch a video](#) with them about how a DHL executive found her career.



To learn more about some of the specific careers mentioned in the activity guide, visit DHL's career website (www.careers.dhl.com).

Activity 1—Map Your S'more

Skills practiced: Critical thinking, problem-solving

Helpful tip: Need an example of stops in the supply chain?

How about: wheat goes from field to barn or silo, to flour mill, to the graham cracker factory. Encourage Girl Scouts to think about the machines (tractors, trucks, trains) and people (farmer, truck driver, loader, baker) involved along the way.

To make it more challenging, ask Girl Scouts:

- What happens if there's a problem at one stop in the chain, like a flood on the farm or a traffic jam en route to the factory?
- How might this affect the other stops on the map, and can you think of some solutions?

Activity 2—All Aboard the Cookie Express

Skills practiced: Planning ahead, problem-solving

Helpful tip: Girl Scouts can create their map on paper, or set up delivery locations around a room.

- If they use paper, have Girl Scouts measure the length of their routes using a ruler or something simple (like a pen).
- If they use the room, they can count their steps.

To make it more challenging, ask Girl Scouts: What happens if you have two groups of Girl Scouts delivering cookies—how does the route change?

Activity 3—Tour Like a Rock Star

Skills practiced: Planning ahead, problem-solving

To make it more challenging, ask Girl Scouts:

- What happens if you add another city? Do you add it to the end, or to a different point along the route?
- Does the route change if your favorite singer is driving OR if they fly on a regular commercial airplane? (Hint: check to see if there are direct flights between the cities, or if a plane change is needed along the way.)

Activity 4—Design a Maze

Skills practiced: Creative thinking, teamwork

Helpful tip: Encourage Girl Scouts to work as a team and to create a “key” to help them remember what to do when they see the different symbols.

To make it more challenging: If Girl Scouts go through the maze quickly without mistakes, encourage them to try again after rearranging the symbols or adding a new symbol.

*Access additional activities, tools, and materials at my.girlscouts.org.

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Activity 5—Engineer It:
The Egg Challenge

Skills practiced: Problem-solving, critical thinking, teamwork

Helpful tip: Pack eggs that are less likely to break by...

- o Making a container that will absorb the shock of the fall
- o Positioning the egg so it lands on one of its ends, rather than the middle where the shell is thinner
- o Slowing down the fall by attaching a parachute made from paper

Activity 6—Invent the Future

Skills practiced: Creative thinking

Helpful tip: Encourage Girl Scouts to have fun and be as creative as possible when designing a prototype; explain that a prototype usually does not “work”—it is a test concept to show what is possible and why it’s a good idea to keep working to design this solution.

Extra learning opportunity: [Watch a video](#) about how companies like DHL use technology in their work.



Unlock the Patch

Once a Girl Scout has completed at least three of the six activities, they will officially be a Solutions Superstar and can purchase their patch from [girlscoutshop.com](https://www.girlscoutshop.com)!

Keep the Fun Going!

Solutions Superstar is just one way Girl Scouts can practice important skills like teamwork, critical and creative thinking, planning ahead, and problem-solving. If this program has sparked a Girl Scout’s interest, they may want to earn badges that emphasize logistics. Badges connected to product design, mechanical engineering, coding, cybersecurity, and robotics may be the perfect fit. Learn more through our [Badge and Award Explorer](#).

Not a Girl Scout volunteer? Learn more and [join us](#)!

Notes

If you have additional questions about careers in logistics or DHL Supply Chain, email us at gsusacustomer@girlscouts.org and we’ll connect you with a DHL Supply Chain representative.

Made possible by DHL Supply Chain.

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