



Inventor



Badge Overview

Do you ever wonder what it takes to come up with a new kind of phone or a new way to power a lightbulb? Find out how inventors make stuff—and become an inventor yourself!

Badge Components

1. Warm up your inventor's mind

Earn this step by thinking of 5 new ways to use a cardboard box, like using it as a toy box. You can keep it in its normal shape, break it down, or combine it with other things—use your imagination!

2. Find lots of ways to solve the same problem

When you eat, you use utensils like a fork or spoon. Earn this step by thinking of 5 other ways you can eat food, and then try one! You'll see there are other ways to solve a problem besides the way that you are used to!

3. Make a needs list

Inventors have to learn about what people need in order to come up with new ideas. Earn this step by thinking about you and your family's morning and write down 5 needs you notice.

- What takes a long time or may be hard for them?
- What do they like and not like about their morning activities?

4. Solve a problem

Pick a problem you want to solve with a new invention. Earn this step by brainstorming with others and completing the mind map on this [worksheet](#) with your ideas on how to solve it!

5. Share your invention

Using your best idea from Step 4, it is now time to create your invention! You can draw or build it, and then share with others to see what they think!

Materials

- Cardboard box
- Something to write with
- Something to write on
- [Mind Map Worksheet](#)

Florida Educational Standards

The content of all Girl Scout national proficiency Badges and Journeys have been correlated by grade level to national and state learning objectives.

[Click here](#) for more information on how Girl Scout Badge-work supports Florida's educational standards.



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We love to see Girl Scouts in action. Snap a photo and send it to marcomm@gssef.org. Include her name, troop# and the name of the badge she's working on and we'll feature her.