



## Brownie Inventor Badge

**Pillar:** Entrepreneurship & STEM

**Outcomes:** Strong Sense of Self, Challenge Seeking & Community Problem Solving

### Brownies will earn their badge by:

- 1) Warm up your inventor's mind
  - a) Think about all the fun things circles can be.
  - b) Start by drawing 6 circles then make them into whatever you imagine! For example, a fish or smiley face.
- 2) Find lots of ways to solve the same problem
  - a) Find 10 different ways to make music with items around your house. Then try making music with 2 of them!
  - b) Check out this video of Jimmy Fallon, Idina Menzel & The Roots singing "Let It Go" from "Frozen" with classroom instruments for inspiration!  
<https://www.youtube.com/watch?v=17OQcK4l6Yw&list=RDgMFsCqrJqwl&index=7>
- 3) Make a needs list
  - a) To come up with new ideas, inventors have to see and understand people's needs. Create a "needs list" by watching a household member complete their morning routine and write down 5 needs you notice that you could help fix.
  - b) Check out the this website to see what women throughout history have invented:  
<http://www.women-inventors.com/>
- 4) Solve a problem
  - a) Pick one of the problems from your "needs list" and think of ways to solve it.
  - b) Sketch out 3 solutions to the problem.
- 5) Share your invention
  - a) Choose your final invention and draw it out and label it.
  - b) Show what you created to members of your household to receive their feedback!

For more ideas, check out our Brownie Pinterest Board: <https://www.pinterest.com/gprograms/brownie-resources>

**When you're finished:** Congratulations, you have earned your badge! You can purchase by emailing [shopdept@gksmo.org](mailto:shopdept@gksmo.org) or at <https://www.girlscoutshop.com/BROWNIE-INVENTOR-BADGE>

No shipping charges apply at this time.

