

Green 2 Troops – Board Game Design Challenge Badge

Goal: Create a fun game to play—without making trash or wasting supplies!

Girl Scout Mission Connection: Games bring people together! When we make games with reused or repurposed materials, we're caring for the Earth and having fun at the same time. That's what it means to be a Girl Scout.

What You'll Need (Reused or Recyclable Only)

1. Scrap paper (used printer paper, envelopes, paper bags)
 2. Cardboard (from cereal or tissue boxes)
 3. Bottle caps, buttons, or pebbles for game pieces
 4. Old markers or crayons
 5. Dice from another game (or make your own with paper cubes)
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Step 1: Choose a Game Type

Badge Step: *Come up with a game idea*

Look at your materials and ask yourself:

Do I want a racing game?

A counting game?

A game where you tell a story?

Decide on the style *before* you grab materials. That helps prevent waste!

Step 2: Make the Game Board

Badge Step: *Design a game you can play*

Use cardboard or paper from the recycling bin. Draw a path, spaces, or cards using crayons or markers you already have. Don't worry about it being perfect—just make it fun!

Girl-Led Prompt:

What do you want people to feel when they play your game? Silly? Excited? Brave?

Step 3: Add Rules and Game Pieces

Badge Step: *Add a goal, rules, and ways to win*

Write or draw simple rules on scrap paper. Use buttons, rocks, paperclips, or bottle caps as player tokens.

Optional: Use a spinner from another game or make your own using a pencil and paper circle.

Green Tip: Keep all leftover scraps in a tinker box for future projects!

Step 4: Play with a Grown-up or Friend

Badge Step: *Test your game and fix anything confusing*

Play your game with a family member. If something is tricky, you get to fix it like a real game designer! Use only what you have—no new supplies allowed.

Step 5: Share Your Game

Badge Step: *Teach someone how to play it*

Teach your game to a friend, another Daisy, or someone at home. Bonus: see if they can play it using *only reused things from around the house* too!

Optional Bonus Challenge:

Host a “**Recycled Game Night**” where each girl in your troop or family designs a small no-waste game. Set up stations and play each other's creations!

Badge Complete When:

- You thought of a game using only reused materials
- You tested your game and changed one thing to make it better
- You shared it with someone else—and didn’t create any waste!