



Leader's Quest: Junior "Circuit Clash Boss Battle"

Junior Level: STEM & Problem-Solving Adventure

Badge connections: *STEM Career Exploration • Product Designer • Programming Robots*

Mission Briefing – Welcome, Junior Adventurer!

Emergency alert! The tech systems at Troop Base Alpha have been scrambled by the boss Glitch Queen. She says Girl Scouts can't possibly fix what's broken — too many wires, too much math, and definitely no creativity allowed. Can your squad prove her wrong with clever coding, quick thinking, and strong STEM skills?

Boss Profile:

Boss Name: Glitch Queen

Weakness: Logic, design thinking, and collaboration

Battlefield: Maker space, coding station, or build zone

Victory Condition: Solve a tech challenge or build something that works!

Battle Strategy (Choose 2):

- Design Thinking Sprint: Girls identify a troop problem and invent a low-tech prototype to fix it (like a snack organizer or gear carrier).
- Binary Bracelets: Learn about binary code and make a bracelet that spells your initials or a fun word in code.
- Robot Relay (Unplugged Coding): Girls give each other silly "robot" instructions to navigate a maze or complete a task.
- STEM Career Skits: Girls research and role-play real women in STEM fields — include costume accessories or props!

Girl Role Choices (Pick Yours):

- Code Commander: You love puzzles and solving problems with logic.
- Design Diva: You think of smart, fun ways to improve the world around you.
- Build Boss: You take the lead when it's time to test and create.
- STEM Storyteller: You help others see how exciting and creative STEM can be!

Quest Log

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| • What did we design, build, or code? | • What role did I pick? |
| • What challenge did we face and how did we fix it? | • What surprised me about working with STEM? |

Side Quest (At Home):

Ask someone at home what invention they couldn't live without.

Sketch your own invention idea and write what problem it solves!

Level-Up Reflection

- What leadership skills do scientists, engineers, or coders need?
- How did your team work through setbacks or glitches?
- What part of STEM would you love to explore more?
- What would you tell a younger girl who thinks STEM is only for boys?

Victory Stamp

[Draw a star, get a stamp, or add a sticker here!]

