



CERTIFICATE OF ACHIEVEMENT

BADGE KIT COMPLETION

This certifies that

Your Name

has completed every step of the badge kit

Program a robot

Girl Scouts Junior: Programming Robots

Stephen Souders

MYTEK LAB



October 30, 2026

DATE COMPLETED

SCOUT

Your Name

BADGE

Girl Scouts Junior: Programming Robots

Each step below was done with the kit **Program a robot**, finished October 30, 2026.

- ✓ Step 1: Learn how robots work
- ✓ Step 2: Learn about the robot brain
- ✓ Step 3: Learn about programming
- ✓ Step 4: Try simple programming
- ✓ Step 5: Code a robot

SAMPLE

For the troop leader

The troop awards the badge. Sign here when the scout has shown you the work.

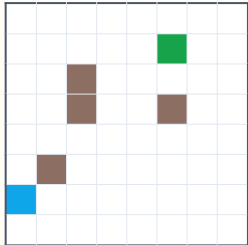
LEADER SIGNATURE

DATE AWARDED

MY WORK

Your Name: Program a robot

MY ROBOT MAP



Start Goal Rock

Step 1. A robot I have seen or used:	(what the scout wrote)
Step 1. What it senses:	(what the scout wrote)
Step 1. What it does:	(what the scout wrote)
Step 2. My commands, in order:	(what the scout wrote)
Step 2. What went wrong the first time (or say if it worked):	(what the scout wrote)
Step 2. How I fixed it:	(what the scout wrote)
Step 3. My blocks, in order:	(what the scout wrote)
Step 3. Did it reach the green square on the first try?	(what the scout wrote)
Step 4. How many blocks did the loop save?	(what the scout wrote)
Step 4. Another shape I could draw with a loop:	(what the scout wrote)
Step 5. The number I used, and how close the robot stopped:	(what the scout wrote)
Step 5. What the sensor lets the robot do that step 3 could not:	(what the scout wrote)