



CERTIFICATE OF ACHIEVEMENT

LEARNING KIT COMPLETION

This certifies that

Your Name

has completed every step of the learning kit

Program a robot arm

Computer science: robotics

Stephen Souders

MYTEK LAB



October 30, 2026

DATE COMPLETED

LEARNER

Your Name

SUBJECT

Computer science: robotics

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

- ✓ Step 1: Learn about robots
- ✓ Step 2: Build a robot part: robot arm
- ✓ Step 3: Learn how robot systems work together
- ✓ Step 4: Learn about programming
- ✓ Step 5: Write a program for a robot

SAMPLE

For the parent or teacher

Sign here when you have seen the work.

PARENT OR TEACHER SIGNATURE

DATE

MY WORK

Your Name: Program a robot arm

Step 1. A robot arm I found, and the job it does: (what the learner wrote)

Step 2. The joint that swings the arm around, and the one that bends it: (what the learner wrote)

Step 2. What was hardest about placing the cube: (what the learner wrote)

Step 3. Which part is the structure, the actuator, the sensor and the controller: (what the learner wrote)

Step 3. What happens to the whole arm if one joint's motor fails: (what the learner wrote)

Step 4. My task, and my flowchart as pseudocode: (what the learner wrote)

Step 4. The inputs and outputs: (what the learner wrote)

Step 4. The bug my partner found, and my fix: (what the learner wrote)

Step 5. My program, in pseudocode or code: (what the learner wrote)

Step 5. A bug I found and fixed: (what the learner wrote)