



MAKER & TECHNOLOGY PROGRAM

Robotics & 3D Printing Enrichment Program

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Build. Design. Bring ideas to life.



SESSION LENGTH

1.5 hours

Hands-on guided practice

GROUP SIZE

Max 6

Small pilot cohort

PROGRAM FEE

\$125

Per participant/session

PROGRAM OVERVIEW

The Robotics & 3D Printing Enrichment Program invites participants to explore hands-on technology through designing, building, and creating. Through guided activities, participants learn how simple robotics systems work, experiment with 3D printing, solve creative challenges, and develop projects that reflect their interests and ideas.

GOOD FIT FOR

- Participants who enjoy technology, building, inventing, or hands-on creativity.
- Individuals who benefit from a structured, supportive, small-group setting.
- Participants interested in problem solving, teamwork, and learning new digital skills.

WHAT TO BRING

- Curiosity and willingness to explore new tools and ideas.
- A notebook or device is welcome, but not required.
- All core robotics and 3D printing materials can be provided during class.

PARTICIPANTS WILL PRACTICE

- Robotics basics: simple machines, movement, sensors, and controls.
- Design thinking: planning, testing, revising, and improving ideas.
- 3D printing skills: understanding models, materials, and how printed objects are created.
- Communication and confidence: sharing projects, solving challenges, and presenting finished work.

SAMPLE SESSION FLOW

- Welcome and maker prompt of the day.
- Mini-lesson with examples and demonstration.
- Hands-on robotics or 3D printing activity.
- Review, reflection, and next-step project idea

PROGRAM OUTCOMES

Participants work toward stronger creative problem solving, growing confidence with technology, and hands-on project skills through robotics and 3D printing.

Limited pilot openings available

This program is being offered in partnership with Next Steps

If interested in learning more fill out our form: whostosay.org/NS-intake

