lpcpl
La Porte County Public Library

RENOLIT
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# Pi-Powered Badge-Off

## Design Workbook

Imagine It. Build It. Wear It.

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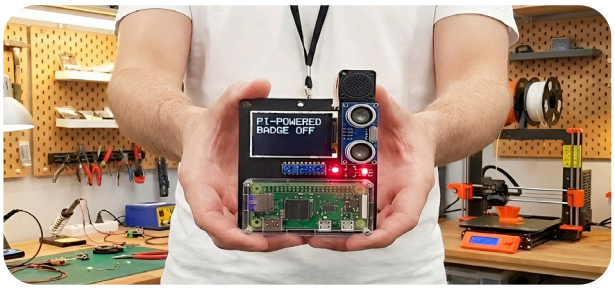
# Problem solvers needed!

Create a wearable device this spring in the Pi-Powered Badge-Off!

A badge is a small device—something you can clip to a lanyard or jacket—that can serve a practical purpose. It might identify you at a con or community event, streamline a workflow at school or on the job, or offer a clever way to track habits, share information, or help someone navigate their day.




## Contest Guidelines

1. Badge must be suspended from the provided lanyard.
2. Participants must attend at least 2 of the 4 workshops, but are not required to stay for the entirety of the session to receive attendance points.
3. Participants are encouraged to use the Pi Kits for their coding, designing, and research for their badge. The use of the Raspberry Pi 500 will count as one machine for the “Incorporating Makerspace Equipment” requirement.
4. This contest is open to Makers ages 8+ and is recommended for teens.
5. Participants must be present at the LPCPL Exchange on Saturday, March 14, 2026 for the Pi-Powered Badge-Off Award Reception where they will present their badges in a science-fair format.
6. Submission Deadline: Badges, workbooks, and USB drives must be submitted to the LPCPL Exchange by the end of the day on **Wednesday, March 11, 2026.**

## Workshop Dates

Wednesday, **January 28, 2026** | 5:30-7:00pm

Wednesday, **February 11, 2026** | 5:30-7:00pm

Wednesday, **February 25, 2026** | 5:30-7:00pm

Wednesday, **March 11, 2026** | 5:30-7:00pm

## Judging Criteria

Artwork will be judged on the following criteria:

- Innovation: The badge solves a problem.
- Interaction: The badge senses and reacts in a creative way.
- Incorporation of Makerspace Equipment: The badge is built with parts made on two or more pieces of LPCPL Exchange Makerspace equipment.

Project submissions must meet all criteria to be displayed and eligible to win. A Cardputer will be awarded to the overall winner of each category. The Pi-Powered Badge-Off Award Reception will take place at the **LPCPL Exchange on Saturday, March 14, 2026 from 2:00-3:00pm.** In case of library closing, this event will be postponed to *Saturday, March 21 from 2:00-3:00 p.m.*

# Judging Criteria

**Name:** _____

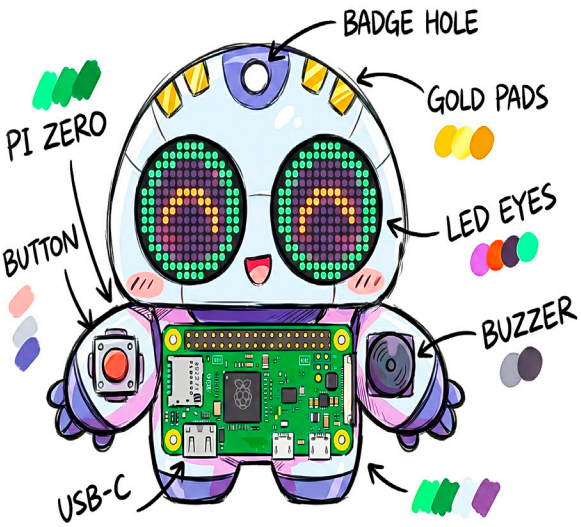
## Tell us more about your design.

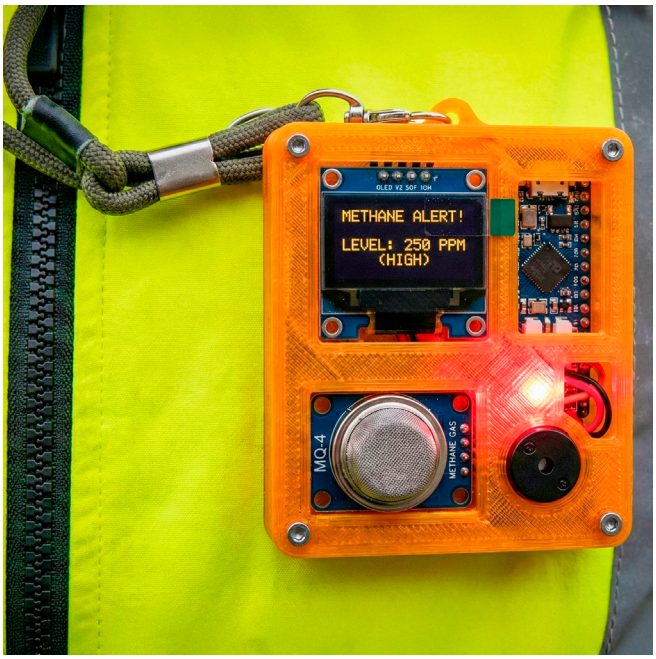
1. **What problem or need does your badge address?**

2. **What Makerspace equipment did you use to build your badge and why?**

3. **What interactive elements does your badge include? Why did you choose this design?**

# Badge Examples





# Pi-Powered Badge-Off!

Use this space to design your badge.

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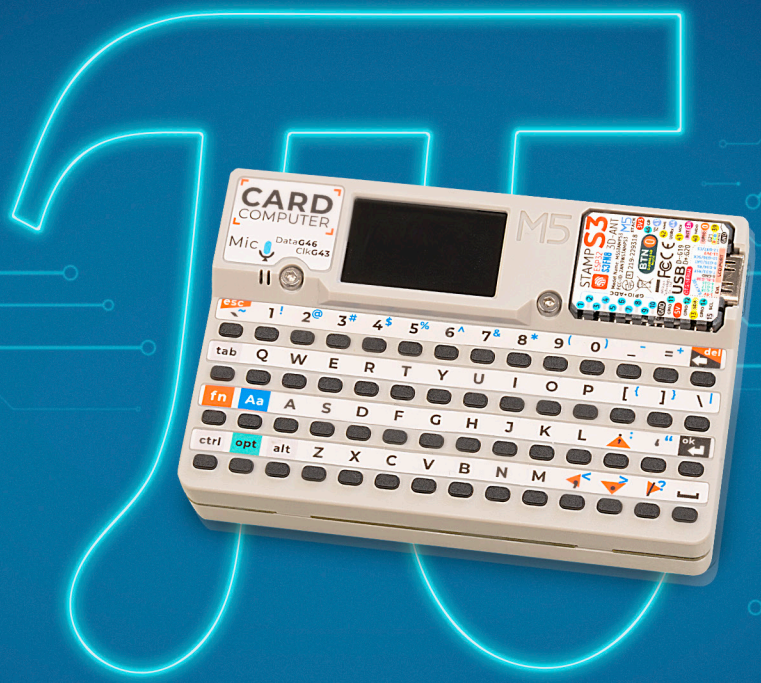
# MARCH 14, 2026

## Pi-Powered Badge-Off Award Reception




Celebrate Pi Day with us at the **Pi-Powered Badge-Off Award Reception!** Join us for a relaxed, science-fair–style celebration where wearable badge projects are on display and the community is invited to enjoy creativity and curiosity. Enjoy Pi-inspired treats — from pizza pie to mini pies.

### AWARD PRESENTATION

Outstanding maker projects will be recognized across several creative categories at the event.

**LPCPL EXCHANGE** **2:00pm–3:00pm**

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