Specs

- Arduino Uno Starter Kit
  - Project book and USB included
- Raspberry Pi
  - 3.0 USB ports
  - HDMI ports
  - Ethernet jack
  - USB-C adapter
  - Headphone jack
  - 32GB card

Accessories

Available in Workshop:

- LEDs
- Monitor
- Coin cell Breakout Board,
- Ultrasonic Distance Sensors,
- Battery holders

Contact

Phone : 847-907-3600 ext. 180
Email: workshop@palatinelibrary.org

Lab Hours
- Tuesday-Thursday 12:00 - 6:00 p.m.
- Saturday-Sunday 12:00 - 4:00 p.m.

Scan for more

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Arduino and Raspberry Pi

- **What is it?**

  The Arduino is a microcontroller that allows you to experiment with computer programming and circuits to learn more about electronics or complete specific projects.

  The Raspberry Pi is a micro computer that was designed to help students learn how to do computer programming and build games.

  Each can be used to complete a wide variety of projects, but the specifics of the project might require one more than the other depending on processing power needed, etc.

  Projects include things like:

  - Simple security systems
  - LCD Displays
  - Games and Robotics

- **What do I need?**

  Most instructions for projects can be found online, but we have an Arduino starter project book available in the Workshop Lab.

  Find more here:
  - https://create.arduino.cc/projecthub
  - https://projects.raspberrypi.org/en

Additional Resources

One-on-One Appointment
Set up a one on one consultation for your project
https://www.palatinelibrary.org/services/appointments

LinkedIn Learning
Access to various online courses to master the skills needed to complete your project
https://www.linkedin.com/learning-login/go/palatinelibrary

CreativeBug
Browse various project ideas and courses centered around crafting, sewing, and more
https://www.creativebug.com/lib/palatinelib