

# Maker Challenge

## Coding: **Raspberry Pi**

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Complete the following in Mouse Create:

- Physical Computing with Raspberry Pi
- Raspberry Pi LED light chaser
- Raspberry Pi Nightlight
- Raspberry Pi Sound Machine

## Resources

### Books at NPL about Raspberry Pi

Adventures in Raspberry Pi by Carrie Anne Philbin  
Raspberry Pi Project workbook by Sway Grantham

### Kits available:

Raspberry Pi kit (NPL STEAM2Go kit)

### Links for more Coding tutorials & tips:

Beginners Guide to Raspberry Pi

<https://www.freecodecamp.org/news/beginners-guide-to-raspberry-pi-6e55080fdaaf/>

Ideas for Raspberry Pi projects for all ages

<https://www.kidscodecs.com/raspberry-pi-projects/>

## Finished the Challenge?

Return the Raspberry Pi kit to the library.

Congratulations! You have completed this Maker Challenge. Remember to fill out the [Challenge Completed Form](#) to enter the monthly Maker prize drawing and to track your progress through the challenges.