

Maker Challenge

Coding: **Offline Coding**

Complete two of the following:

- **Robot Turtles Coding Game.** Check out the Offline Coding STEAM2Go kit and play Robot Turtles game with a friend for at least 30 minutes.
- **Binary Message.** On paper, create a message using binary alphabet.
- **Binary Name.** Write your name in binary in a creative and artistic way using paints, markers, or other materials.
- **PB & J.** Write the steps to follow in making a peanut butter and jelly sandwich. Go over the steps with a family member to see if you wrote your 'code' clearly enough to follow exactly.

Resources

Books at NPL about Scratch

Coding for Kids by Camille McCue
Unbored by Joshua Glenn

Kits available:

n/a

Links for more Offline Coding fun:

<http://info.thinkfun.com/stem-education/5-super-cool-offline-coding-activities>

<https://stemeducationguide.com/screen-free-coding-activities/>

Finished the Challenge?

Return the Offline Coding 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.