

# Small Library Maker Spaces



Challenge \* Learn \* Create \* Explore \* Experiment \* Fun

## Ideas

- Robotics
- Computer Coding
- Woodworking
- Modern Art from Garbage
- Jr. Master Chef Challenge
- Marble Maze

## Space

- Use empty wall spaces which are perfect for gravity events such as marble mazes, magnetic challenges or Lego projects.
- Clean off a shelf or counter top or any place there is an open spot.
- Use trays or large containers to define a space. You can move them if need be.
- Take advantage of any tables and/or floor space.
- Bring it outdoors

## Marketing

- Send emails to everyone.
- Advertise the event on Facebook and Twitter- the library's and your own.
- Hang up flyers everywhere.
- Submit article to local newspapers.
- Try personal phone calls to people who may be interested.

## Finance

- Ask your Friends group to help with finances.
- Up Cycle items like card board tubes , wood cut offs and small appliances.
- Use library computers.
- Write grant applications.
- Request equipment your library system may have on hand.

# Resources

## Books

- *Robotics: Discover the Science and Technology of the Future*  
By Kathy Ceceri
- *Tinkerlab: A Hands On Guide for Little Inventors*  
By Rachelle Doorley
- *Amazing experiments with Electricity and Magnetism*  
By Paula Navarro & Angels Jimenez
- *Python for Kids: A Playful Introduction to Programming*  
By Jason R. Briggs

## Websites

<http://librarybonanza.com/category/steam/>

<https://www.codecademy.com/learn>

<https://www.khanacademy.org/>

<http://www.robotics.nasa.gov/>

<https://www.pinterest.com/soonerhop/stem-and-maker-teaching-ideas/>

<http://www.mykidsadventures.com/black-box-cooking-challenge-kids/>

Thank You Kathy Stempel