

# EXPERIMENT AND CREATE



Explore how the world works and put your stamp on it! In this program area, you'll do hands-on experiments in science, tech, engineering, and math. You'll also have fun and express yourself with art. This is your space to use your creativity to make new things and find solutions.

**Grab your lab coat – it's about to get creative in here!**

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## Science Lab:

Explore the sciences – from chemistry and physics to forensics and astronomy! Ask questions, try something new, design experiments, test hypotheses and get a little messy as you discover how the world works. In this theme you can...



### (Younger girls)

- Hunt for clues like a detective
- Get messy with fizzy explosions
- Explore what it's like in space!

### (Older girls)

- Play around with the science of perception
  - Create a chemical reaction
  - Test your theories and the laws of physics
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## Design Space:

Innovate and create! Develop the skills you need to tinker with machines, build robots, code programs and more as you push the limits of your imagination. In this theme you can...



### (Younger girls)

- Build your own toys and gadgets
- Experiment with bridges and levers
- Design a super-secret hideout

### (Older girls)

- Explore electronics and circuitry
  - Try out some animation techniques
  - Sketch out solutions for real-life problems
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## Art Studio:

Discover art for art's sake and experiment with your own creative vision. Whether you're a budding artist or just having fun, discover your self-expression through visual arts, drama, movement, music and more. In this theme you can...



### (Younger girls)

- Make your own instruments and create magical music!
- Create amazing art using stamps, stickers and more
- Use what's around you to inspire a skit or performance

### (Older girls)

- Create art with duct tape or whatever else you've got!
- Share music that's meaningful to you
- Find inspiration for your creative writing