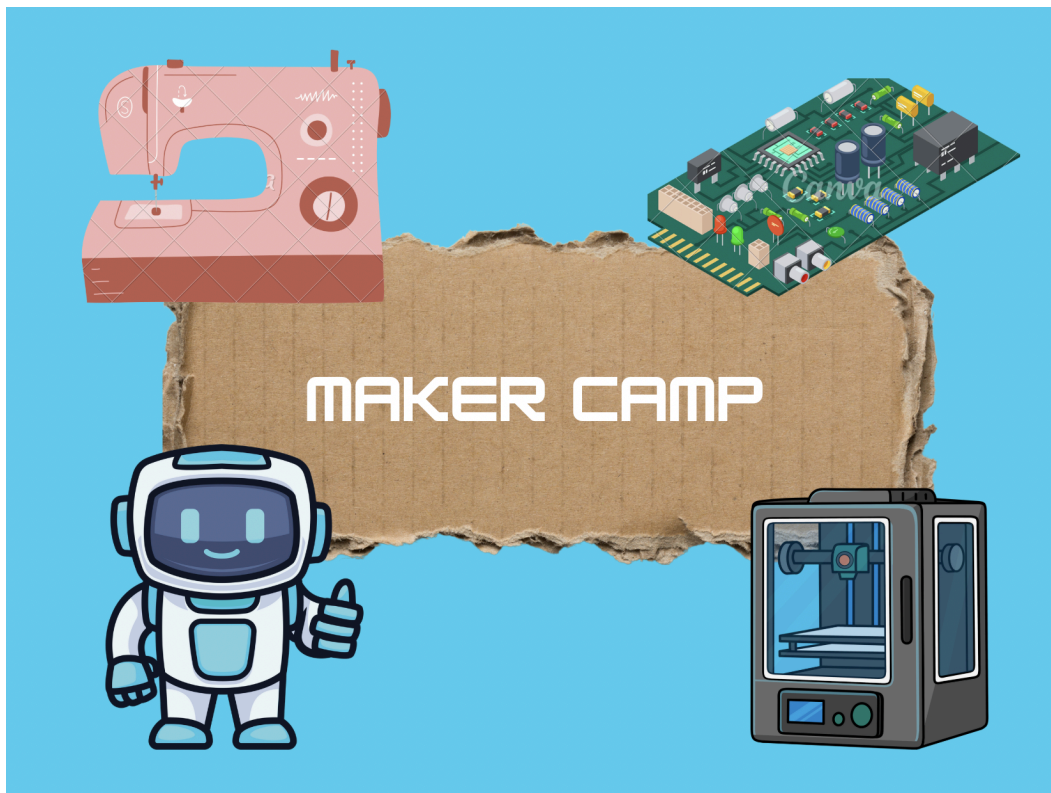


2025 Maker Camp at The Loft

Two 5-day camps; June 16-20 & June 23-27 | 9:00am-12:00pm or 1:00pm-4:00pm
\$395/week | 10 - 20 students

Pick and choose challenges to explore each day with skilled Makerspace instructors. Maker Camp is for building dreams - imagine, plan, build, test and repeat. Have you always wanted to design a dress, build a zipline, or make a video game controller? From planning to working prototypes, in this 1 or 2 week summer camp, students will make their ideas come true. A world of materials and technology will be explored. Small, focused class setting. Includes snack time and outdoor play. Ages 5-10.



Topic 1 - Hinges: Pop-ups and Origami

Explore the many types of hinges in pop-up cards, the way different animals move, try a variety of origami such as the jumping frog . . . or make up your own!





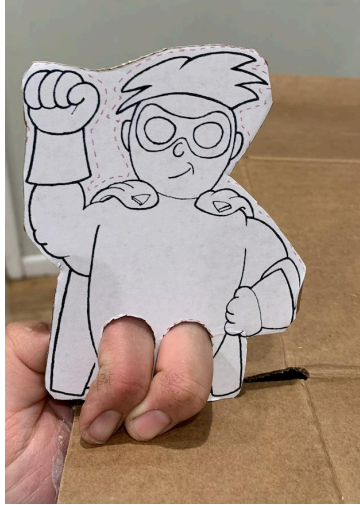
Topic 2 - Alphabet activities

Make letters with wiki sticks, rolling clay, gold leafing and more. Analyze the structure of letters found in fonts, illuminated manuscripts, and even architecture.



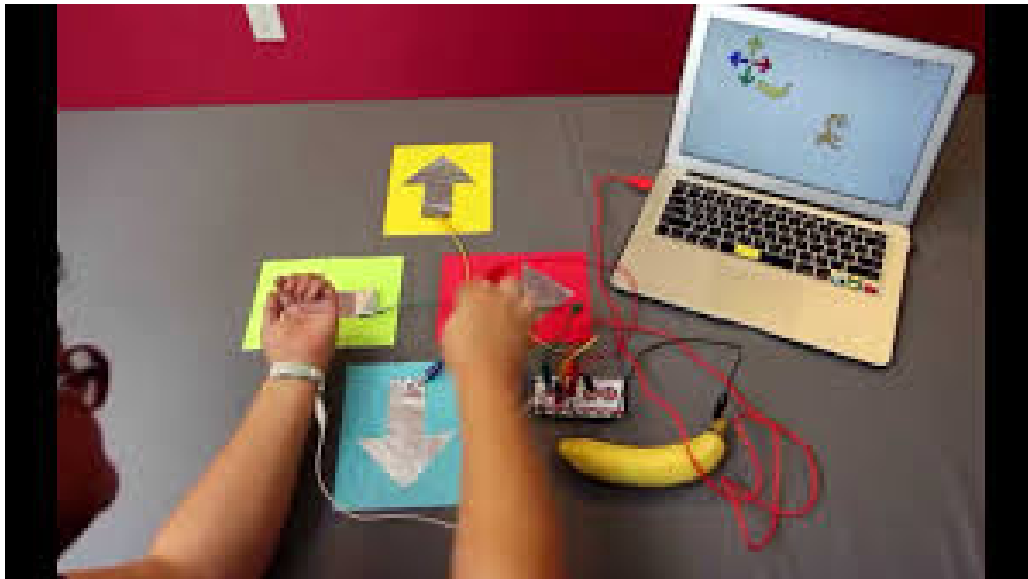
Topic 3: Characters, Costumes, and Puppets

From simple finger puppets to sewn puppets and everything in between. Interested students can also try stitching and/or a sewing machine.



Topic 4 - Sound / Music

Make instruments from reused materials that play different notes and percussive sounds. Use MakeyMakey to power your creation.



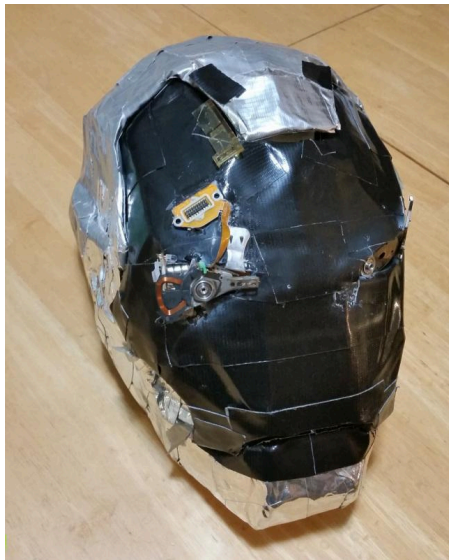
Topic 5 - Math and Measurements

Play with mathematical concepts in contexts such as coins, tessellations, and building challenges



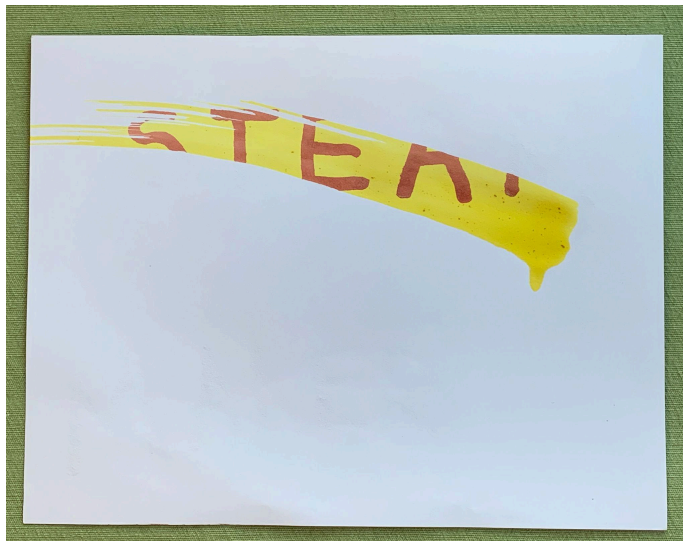
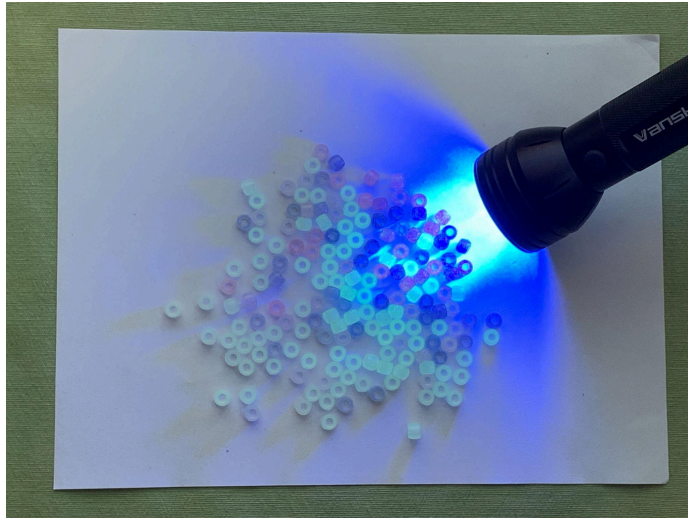
Topic 6 - Gravity / Rockets / Space / Planets

Inspired by space and flight engineers and explorers, kids can test and launch their own creations - kites, airplanes, rockets, or the gear to dress the part.



Topic 7 - Illusions AND/OR Color-changing temperature/uv

Try a variety of magic tricks and illusions, including “secret” painted messages, and objects that change with heat or light.



Topic 8 - Gardening

Can you identify herbs by smell? Try edible seeds, paint mini pots and rocks, plant succulents cuttings, or paint with spices.



Topic 9 - Rocks and Minerals

Try painting with rock dust, gold leafing, play Rocks Bingo game, Sort rock/gem/mineral collections.



Topic 10: Circuits

Try a wide variety of circuit creations:

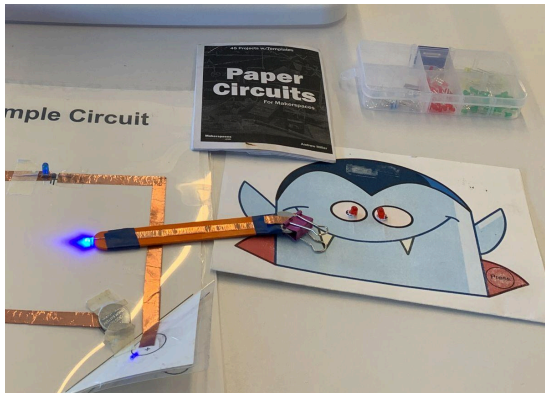
Snap Circuits



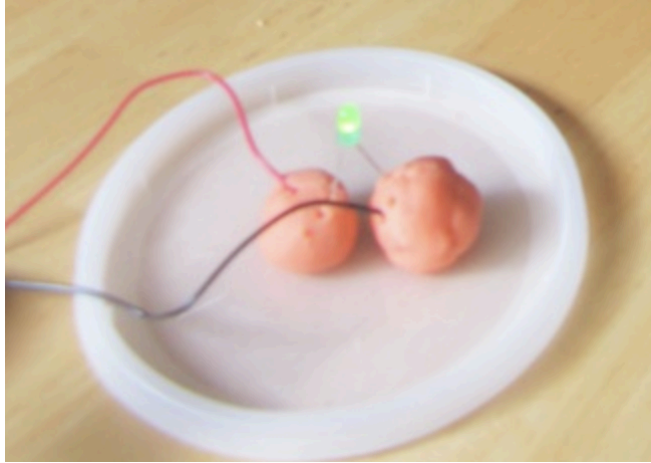
LED Wands



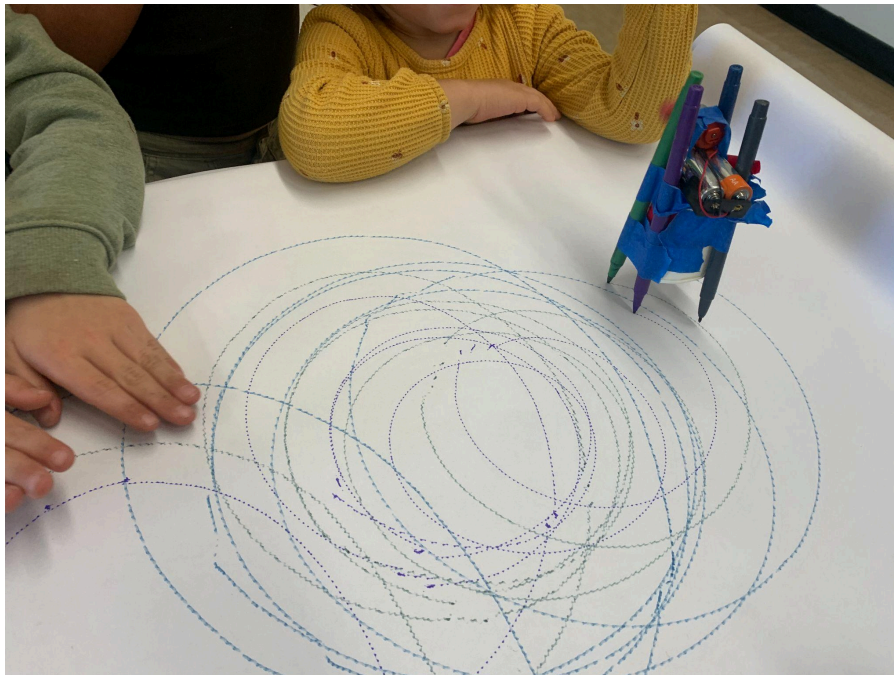
Paper and Sewn Circuits



Squishy Circuits



Scribble Bots



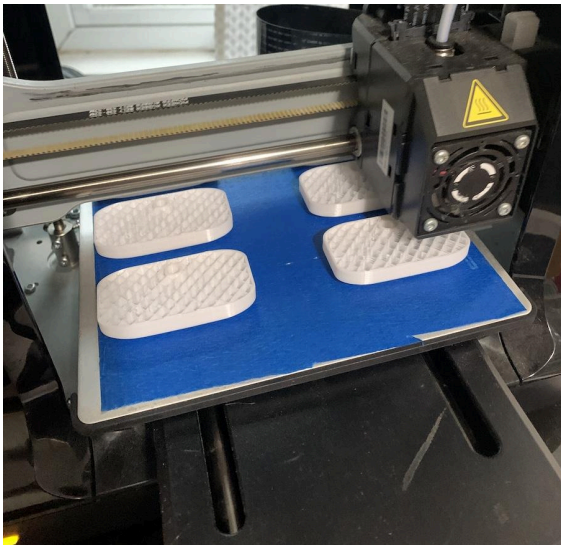
Topic 11: Take Apart Center

Ever wonder how everyday appliances work? With goggles and screwdriver, discover what makes up fascinating machines:



Topic 12: 3D printing station

Specialists guide students with provided laptops and software programs to design and print a gadget, toy, or decorative piece of their own creation:



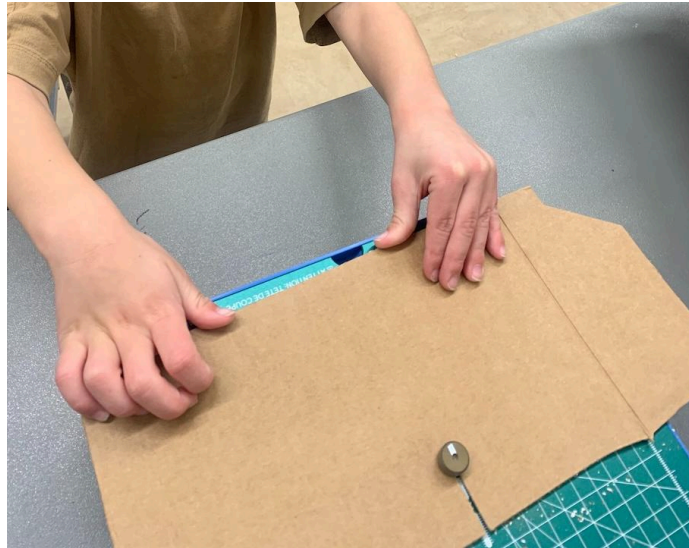
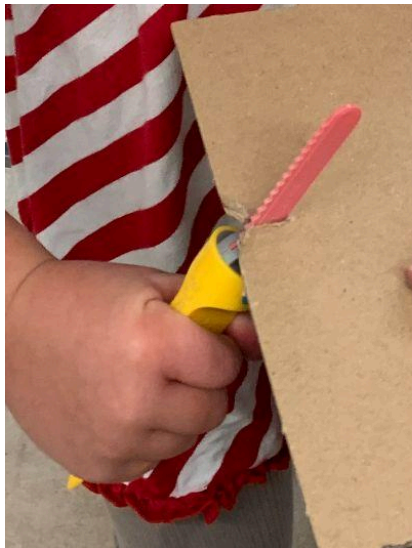
Topic 13: Laser cutter

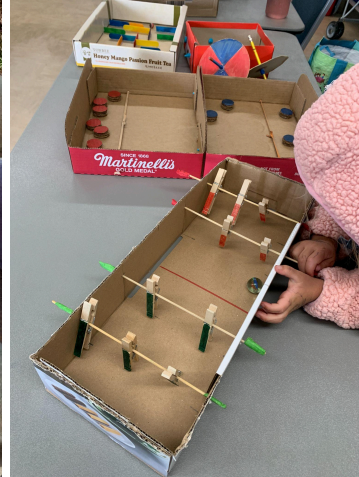
Learn the process from software design to engraving and cutting with a specialist at the laser cutter station:



Topic 14: DIY Games

It's a Cardboard carnival! With upcycled materials as well as special cardboard tools and techniques, make targets, buckets, bowling, throw and catch, hockey, rubber band aiming, puzzles, and more.





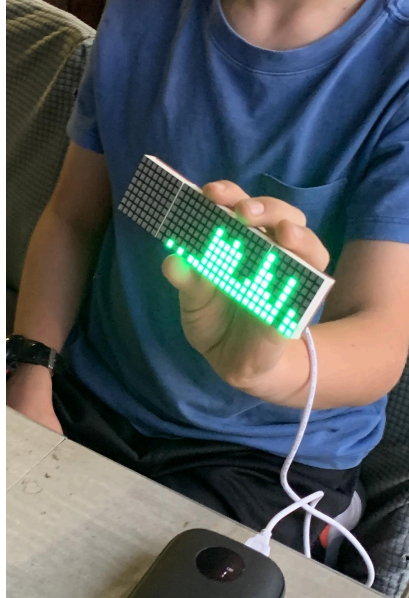
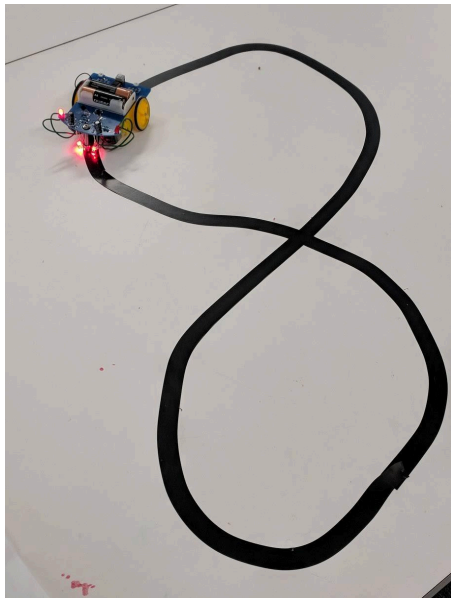
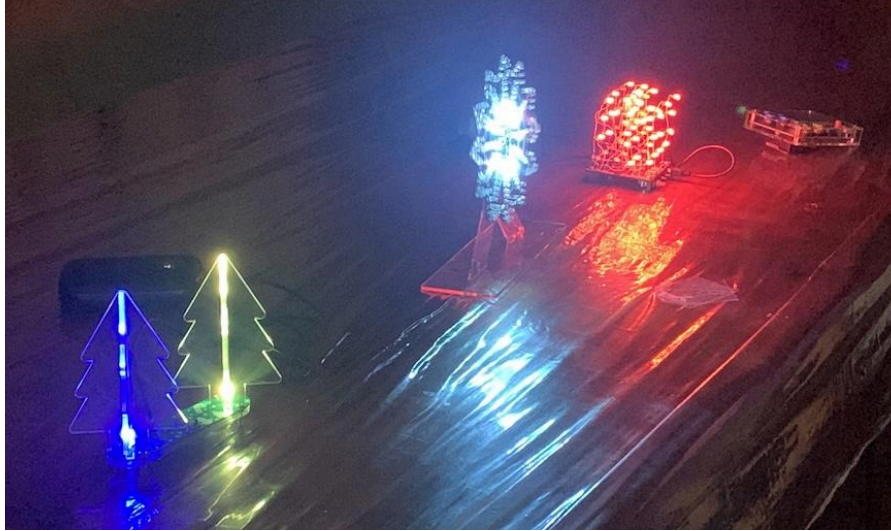
Topic 15: Intro to coding

Make your own computer games using coding skills. Laptops provided for Scratch and other software coding and design programs.



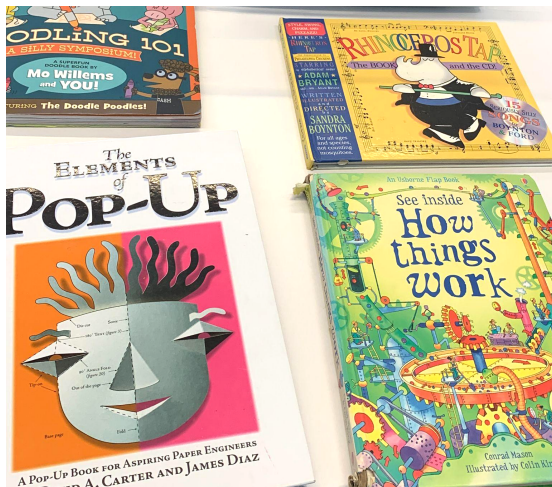
Topic 16: Soldering

Make



Topic 17: Literacy in the Making

Read with us and get inspired by fascinating stories and insights into real and imagined worlds.



Topic 18: Fine Arts

Take art-making to the next level with special materials and techniques.



Topic 19: Wind and Gears

Learn more about how objects move - the effects of wind and the gears on inventions like bicycles and watches as well as fun take-home games and toys.



Topic 20: Come soon . . . Zipline!