



New Jersey MAKERS DAY

March 24, 2018 10am-4pm
North County Branch Library
65 Halstead Street, Clinton, NJ 08809

Join us for a day of creative making! NJ Makers Day brings together do-it-yourselfers, artists, crafters, computer programmers, and robotics clubs for a day of interactive, creative, inventing. All activities are free and most are available on a walk-up basis while supplies last. Exhibits are in both the library and community center next door. Come for an hour or spend the day, there is something for everyone 6+ to adult! Please check the library website at hclibrary.us for updates to this schedule.

At Makers Day you can:

- Pound some metal and engrave a pendant with Readington Metalworks
- Watch a First Tech Challenge (FTC) scrimmage between 3 NJ teams. Learn how teams are formed and how you can get involved
- Discover what 3D printing is all about from the Robostorm Robotics 4H Club, and watch a 3D printer in action
- Drive a mini-robot or make a paper airplane with WAGS (We Are Girl Scouts) robotics team
- Design an electronic bookmark using conductive thread and Lilypad LEDs
- Cheer for your favorite robot in a LEGO BattleBots Challenge as the 4-H Robotics club puts their robots to the test in the BattleBot arena
- Build motorized models using Bricks 4 Kidz gears, pulleys & motors with a Bricks 4 Kidz instructor, then create your own unique model
- Design a Play-doh creation, then light it up using Squishy Circuits with Girl Scout Troop 81127
- Make a beaded memory wire bracelet with the Delaware Valley Bead Society
- Vroom vroom! Build a balloon race car with help from the North Hunterdon High School Science Honor Society
- Watch a skilled craftsman at work on a loom, and try it yourself
- Learn the intricate art of origami with Mary NK and library volunteers
- Make an LED felt flower and take it home to enjoy
- Watch a sewing or quilting demonstration, and try it yourself
- Design a video game with help from GAME-U design software, and test out the Oculus Rift 3D virtual reality game
- Visit with the Cherryville Repeaters Club and learn how HAM radio operators have been makers for over 100 years
- Join an architectural LEGO build with Bricks 4 Kidz, and construct a famous building
- Make slime with the local Etsy business owners of Leopard Print Slime

Squishy Circuits



	Activity	Time	Area	Class or Walk up
	Motorized Models by Bricks 4 Kidz *preregistration available now	10:15-11am*, 11:15-12pm 1:15pm-2pm	Children's Area Library	45 minute classes; 30 participants each
	LEGO Architectural build with Bricks 4 Kidz	12:15am-1pm 2:15-3pm	Children's Area Library	45 minute classes; 24 participants each
	First Technology Team Challenge (FTC) Robotics demonstration	15 minute demos throughout the day	Community Center	Walk Up
	3D Printing with Robostorm Robotics	10am-4pm	Community Center	Walk Up
	Make a paper airplane and drive a mini-robot with WAGS (We Are Girl Scouts) FTC Robotics Team	1pm-4pm	Community Center	Walk up
	Overdrive FTC Robotics Club demonstrations	10am-4pm	Community Center	Walk up
	Snap Circuit Design & Mazebot Challenge with Robostorm Robotics	10am-4pm	Community Center	Walk up
	Lego Mindstorm BattleBot Challenge by Robostorm Robotics	2-3pm	Community Center	Walk up
	Design a video game and test out the Oculus Rift virtual reality game	10am-4pm	Community Center	Walk up
	Balloon Race Car with NHHS Science Honors Club	10am-4pm	Community Center	Walk up
	Pendant Engraving with Readington Metalworks	10am-4pm	Library Meeting Room	Walk up
	Squishy Circuits with Girl Scout Troop 81127	10am-4pm	Library Meeting Room	Walk up
	Slime Making with Leopard Print Slime	10am-1pm	Library Meeting Room	Walk up
	Cherryville Repeaters HAM radio exhibit - Making communication happen for over 100 years	10am-4pm	Library Meeting Room	Walk up
	Button Making with library volunteers	10am-12pm	Library Meeting	Walk up
	Make a beaded wire memory bracelet with the Delaware Valley Bead Society	10am-4pm	Library Meeting Room	Walk up
	Origami with reference librarian Mary and library volunteers	10am-Noon 1-3pm	Library 2nd Floor	Walk up
	Create an LED Felt Flower with library staff	10am-4pm	Library 2nd Floor	Walk up
	Make a light-up bookmark with library staff	10am-4pm	Library 2nd Floor	Walk up
	Sewing & quilting with Joanne	10am-4pm	Library 2nd Floor	Walk up
	Weaving on a Loom with Lois Macknik	10am-4pm	Library 2nd Floor	Walk up