



# New Jersey MAKERS DAY

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

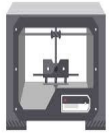
Join us for a day of creative making! NJ Makers Day brings together do-it-yourselfers, artists, crafters, computer programmers, and robotics clubs for a day of interactive, creative, inventing. All activities are free and most are available on a walk-up basis while supplies last. Exhibits are in both 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](http://hclibrary.us) for updates to this schedule.

### At Makers Day you can:

- Watch a First Tech Challenge (FTC) scrimmage between 3 NJ teams. Learn how teams are formed and how you can get involved
- Make slime with the local Etsy business owners of Leopard Print Slime
- 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
- Learn how a spinning wheel works with the Fiber Artists
- Lifting heavy things; discover why pulleys do the work so you don't have to

schedule 

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
	Lifting heavy things— learn how pulleys do the work so you don't have to with Bob	10am—4pm	Community Center	Walk up
	Balloon Race Car with NHHS Science Honors Club	10am-4pm	Community Center	Walk up
	Cherryville Repeaters HAM radio exhibit	10am-4pm	Community Center	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
	Computer Programming with Game-U	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	10am-4pm	Library 2nd Floor	Walk up

