



New Jersey **MAKERS** DAY



New Jersey Makers Day 2018-2019 Annual Report

With support from the PSEG Foundation and the New Jersey State Library



MISSION

New Jersey Makers Day inspires and activates libraries to showcase and highlight STEM and maker culture, enhancing lifelong learning.

“It was a fun time for the whole family at NJ Makers Day. My daughter created some cool structures using the Keva planks. My son got the chance to build and play Legos with friends and the button making activity was great with many designs to choose from.”

-Attendee at Franklin Township Library

EXECUTIVE SUMMARY

Thank you for five years of New Jersey Makers Day support! We remain excited and inspired by so many libraries, schools and organizations showcasing and highlighting STEM education and the maker movement in communities across the state.

It is hard to imagine that when we started this journey just five years ago, New Jersey Makers Day events would, in 2019, impact tens of thousands of residents of all ages each year as they explore hands-on learning opportunities.

2018-2019 has been a banner year for New Jersey Makers Day. We are proud to have been named one of the New Jersey STEM Pathways STEM Collaborators of the Year for our partnership with the New Jersey State Library and Newark Museum on the Leap into Science education training initiative.

In addition, New Jersey Makers Day was officially recognized by the New Jersey State Legislature through a joint legislative proclamation, acknowledging the statewide impact of New Jersey Makers Day.

We are so proud of the accomplishments of this small-but-mighty non-profit, and we strive to continue each year to support and strengthen the successes of our participating site locations, from unique training opportunities and community support contests to a thriving mini-grants program and strategic partnerships.

New Jersey Makers Day looks toward a bright future with your support, enthusiasm, and dedication to hands-on exploration and education.

Doug Baldwin, President
New Jersey Makers Day



ENGAGEMENT

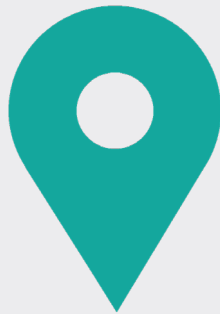
One of the major objectives of New Jersey Makers Day is to build a structure that gives organizations the skills, resources, support, and relationships necessary to offer valuable hands-on learning experiences. While the growth in the number of sites has leveled off, we continue to see tremendous growth in the quality of experiences offered at these sites.

For our 2019 New Jersey Makers Day, we had 303 participating locations spread across 20 counties. These locations hosted an estimated 2,755 individual programs, with a total estimated attendance of 83,290.

BY THE NUMBERS

303

Participating
Locations



Spread Across

20
Counties

Hosting over

2,755

Individual Programs

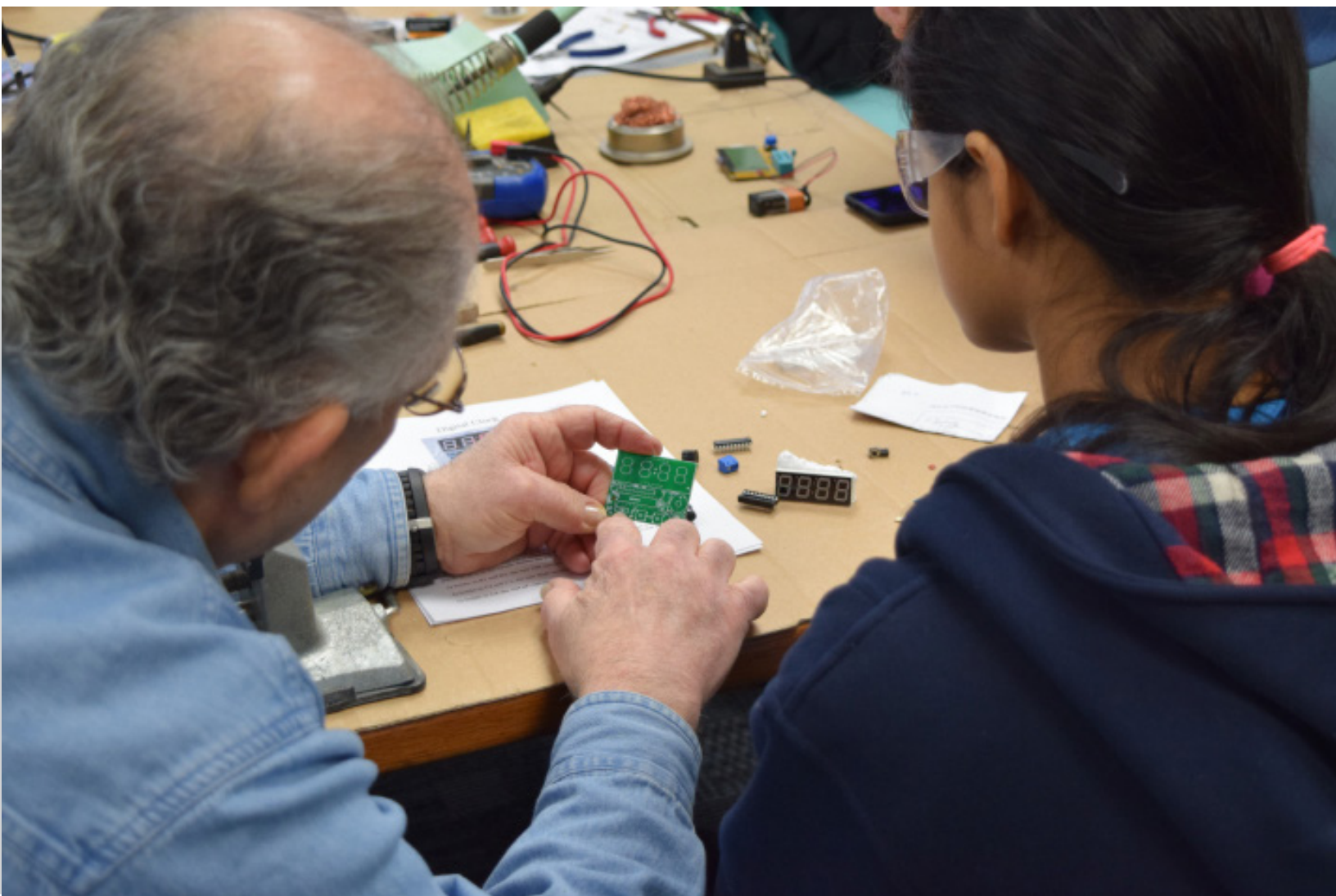


Total estimated
attendance of

83,290

“Watching a 6-year old boy take apart a lawnmower engine and put it back together using real tools was such a joy to see. Every realization about how things worked, from bolts and a ratchet driver to a spark plug and piston was visible on his face.”

-Staff from Flemington Public Library



SOCIAL MEDIA REACH

70,813

Makers Reached on
Facebook



2,000

Facebook Event
Responses



More Than

44,493

Makers Reached
on Instagram

“...there were a few students who became totally immersed in tweaking the code and discovering everything the robots were capable of. It was wonderful to see how quickly they became enthralled with computer programming, and to know that we had possibly just helped someone discover a lifelong passion.”

-Staff from Otto Bruyns Public Library

MINI GRANTS

In 2019, New Jersey Makers Day provided a total of \$5,400 in grant funding to 12 grantees. This funding allowed grantees to expand the capabilities of their organizations and offer new hands-on learning experiences for attendees.

Bogota Public Library
Camden County Library (Bellmawr)
Denville Public Library
East Brunswick Public Library
Parsippany Public Library (Lake Hiawatha)
Readington Middle School
Ringwood Public Library
Roebling Museum
Vineland Public Library

CONTINUING EDUCATION

One of the important ways that New Jersey Makers Day continues to support participating locations is by providing opportunities for these organizations to broaden their skills through professional development opportunities. In 2019, New Jersey Makers Day provided 7 such CE opportunities at various locations throughout the state.

Vorpal Robotics Workshop
Maker Meetup
STEMIE Curriculum Training
Girls Who Code Partnership
Girls Scouts of Central and Southern NJ Partnership
WeMake 4H Scratch Story Contest
BuildTak 3D Design Contest

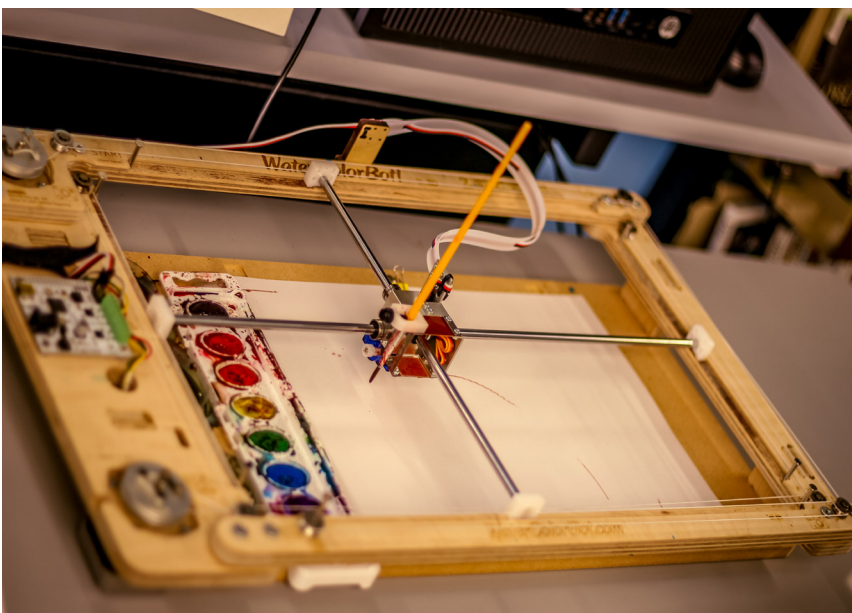
THANK YOU

SUPPORT

New Jersey Makers Day would not be possible without generous support from our sponsors. The funding provided by these organizations allow New Jersey Makers Day to provide participating locations with support, continuing education, and mini grants to enhance STEM and hands-on learning experiences in communities all over the state of New Jersey.

PSEG Foundation, \$10,000 (Grant). The PSEG Foundation provides support with impact grants in the areas of sustainable neighborhoods, safety and STEM education. The PSEG Foundation has been a supporter of New Jersey Makers Day since 2016.

New Jersey State Library, \$2,000 (Sponsorship). The New Jersey State Library, an affiliate of Thomas Edison State University, is led by State Librarian Mary L. Chute and provides services for NJ libraries, the state legislature and government employees, Thomas Edison State University staff and students, and registered borrowers. The New Jersey State Library has been a supporter of New Jersey Makers Day since 2017.



PARTICIPATING LOCATIONS

The success of New Jersey Makers Day is owed to the participation of schools, libraries, and other community organizations throughout the garden state.

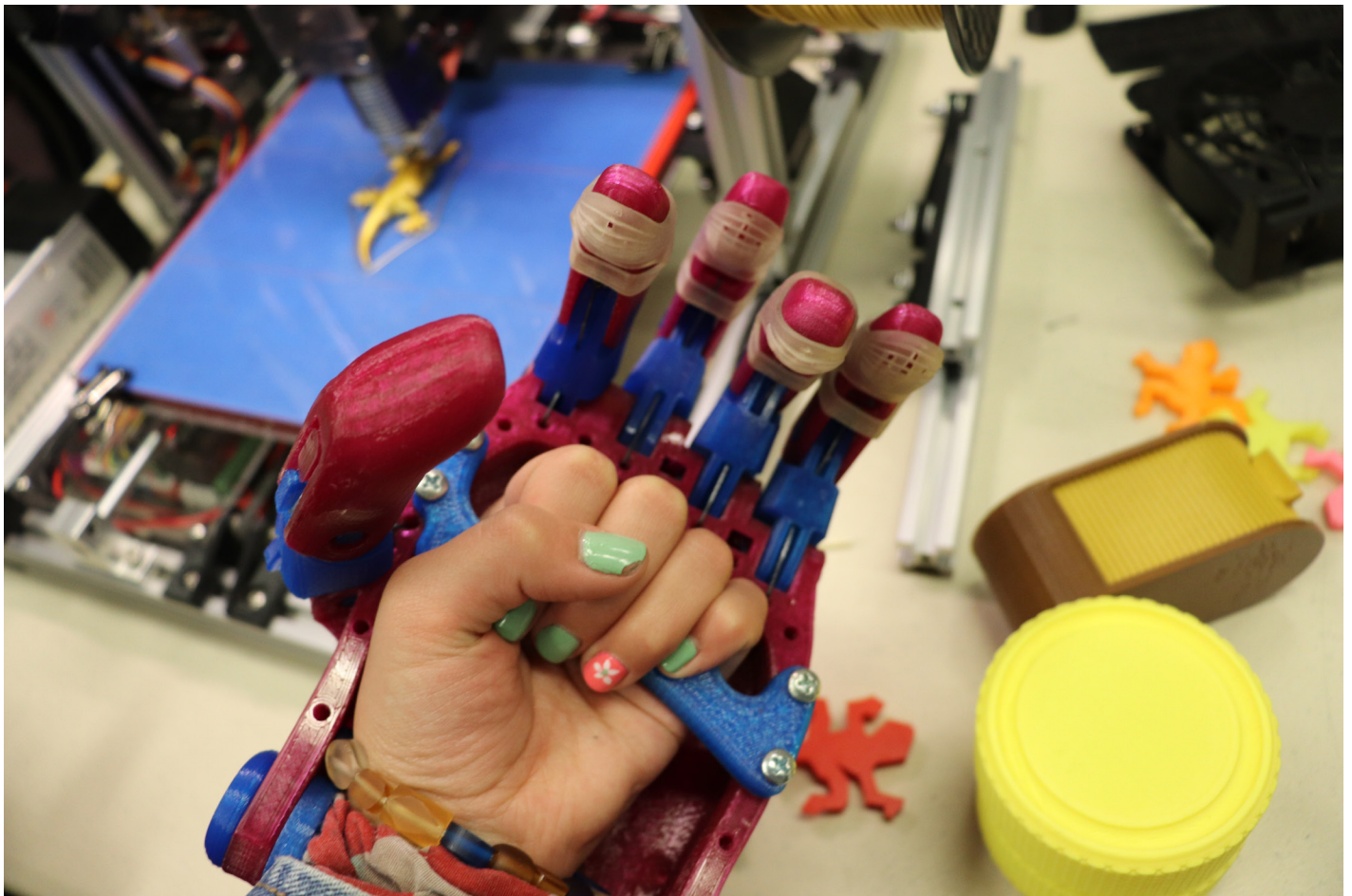
Aaron Decker School	Cherry Hill Public Library	Girl Scouts Heart of New Jersey (North Branch)
Alfred H. Baumann Free Public Library	Chester Library	Girl Scouts NNJ Passaic Valley Service Unit
Assumption School	Clark Public Library	Glen Rock Middle School
Atlantic City Free Public Library	Cliffside Park Free Public Library	Glen Rock Public Library
Atlantic County Library - Brigantine Branch	Cliffside Park High School	Gloucester County Library System - Glassboro Branch
Atlantic County Library - Egg Harbor City	Cliffside Park School No. 3	Gloucester County Library System - Greenwich Branch
Atlantic County Library - Egg Harbor Township	Clifton Public Library	Gloucester County Library System - Logan Township Branch
Atlantic County Library - Galloway Township	Collingswood Public Library	Gloucester County Library System - Main Branch
Atlantic County Library - Hammonton	Cordero PS 37 PTA	Gloucester County Library System - Newfield Public Library
Atlantic County Library - Pleasantville	Cranford Public Library	Gloucester County Library System - Swedesboro Branch
Atlantic County Library - Somers Point Branch	Cresskill Public Library	Hackettstown Free Public Library
Atlantic County Library - Ventnor	Crossroads North Middle School	Haddonfield Public Library
Atlantic County Library System - Mays Landing	Crossroads South Middle School	Hainesport Township School District
Avalon Free Public Library	Delanco Public Library	Haledon Free Public Library
Barclay Brook Elementary School	Denville Library	Highland Park Public Library
Bayshore Middle School	Dixon Homestead Library	Hightstown High School
Beachwood Elementary School	Dover Free Public Library	Hillsdale Library
Belmar Public Library MakerSpace	East Brunswick Public Library	Hilltop Country Day School
Benjamin Franklin Middle School	East Brunswick Tech	Hoboken Charter School
Bernards Township Library	East Dover Elementary School	Hoboken High School
Bernardsville Public Library	East Rutherford Library	Hoboken High School Library
Bishop George Ahr High School	Edison Township Public Library	Hoboken Public Library
Bogota Public Library	Edison YMCA	Hooper Avenue Elementary School
Boonton-Holmes Public Library	Elizabeth Public Library	Hudson County Community College
Bridgeton Free Public Library	Elizabeth Public Library - E-Port Branch Library	Hunterdon County Library - North County Branch
Built by Me - STEM Learning Center	Elizabeth Public Library - Elmora Branch Library	Hunterdon County Library - South County Branch
Burlington County Library System	Elizabeth Public Library - LaCorte Branch Library	Ideal Studio/Ideal Institute of Technology
Butler Public Library	Englewood Public Library	Intermediate North School
Caldwell Public Library	Fair Use Building and Research	Intermediate South School
Camden County Library - Haddon Township Branch	Families to College Campus Center	Irvington Public Library
Camden County Library - Bellmawr Branch	Fanwood Memorial Library	James A McDivitt Elementary School
Camden County Library - Gloucester Township Branch	First Avenue School	Johnson Public Library
Camden County Library - M Allan Vogelson Branch	Forest Avenue Elementary School	Jonathan Dayton High School
Camden County Library - Nilsa I. Cruz-Perez Downtown Branch	Fort Lee Library	Joseph A Citta Elementary School
Camden County Library - South County Regional Branch	Franklin Township Library	Kenilworth Public Library
Cape May County Library	Franklin Township Library - Franklin Park Branch	Kinnelon Public Library
Cedar Grove Elementary School	Franklin Township Public Library	Lake Hiawatha Library
	Garfield Free Public Library	
	George Washington Middle School	
	Gerrard Berman Day School	
	Girl Scouts Hear of New Jersey (Westfield)	
	Girl Scouts Heart of New Jersey (Montclair)	

Lawton C. Johnson Summit Middle School
 LEAP Academy Charter School
 Leonia Public Library
 Liberty Science Center
 Linden Public Library
 Little Ivy Academy LLC
 Livingston Public Library
 Lodi Memorial Library
 Long Branch Free Public Library
 Louis Bay 2nd Library - Hawthorne
 Madison Public Library
 Maplewood Library - Hilton Branch
 Matawan-Aberdeen Public Library
 Maywood Public Library
 MCPC Cooper Gristmill Mediatech
 Mercer County Library System - Hickory Corner Branch Library
 Metuchen Public Library
 Metuchen YMCA
 Middlesex Public Library
 Middletown Public Library
 Millburn High School Library
 Millville Public Library
 Monmouth County Library Headquarters
 Monroe Township Public Library
 Morris County Library
 Morris County Park Commission Historic Sites
 Motivating and Mobilizing Our Outstanding Daughters (MOOD)
 Mount Laurel Library
 Mount Olive Public Library
 Mount Olive School District
 Mountain Lakes Public Library
 Museum of Early Trades & Crafts
 New Brunswick Free Public Library
 New Jersey State Library
 New Jersey State Museum
 New Milford Public Library
 New Providence Memorial Library
 Newark Museum
 Newark Public Library - Branch Brook Branch
 Newark Public Library - North End Branch
 Newark Public Library - Springfield Branch
 Newark Public Library - Van Buren Branch
 North Bergen Free Public Library
 North Dover Elementary School
 Northern Valley Demarest HS
 Northern Valley Regional High School at Old Tappan
 Northvale Public Library
 Nutley Public Library
 Ocean City Free Public Library
 Ocean County Library - Barnegat Branch
 Ocean County Library - Beachwood
 Ocean County Library - Berkeley Branch
 Ocean County Library - Brick Branch
 Ocean County Library - Jackson Branch
 Ocean County Library - Lacey Branch
 Ocean County Library - Lakewood Branch
 Ocean County Library - Little Egg Harbor Branch
 Ocean County Library - Long Beach Island Branch
 Ocean County Library - Manchester Branch
 Ocean County Library - Point Pleasant Borough Branch
 Ocean County Library - Pt. Pleasant Beach Branch
 Ocean County Library - Stafford Branch
 Ocean County Library - Toms River Branch
 Ocean County Library - Tuckerton Branch
 Ocean County Library - Upper Shores branch
 Ocean County Library - Waretown Branch
 Ocean Township Elementary School
 Ocean Township High School
 Old Bridge Public Library
 Oradell Free Public Library
 Otto Bruyns Public Library of Northfield
 Palisades Park Public Library
 Paramus Public Library
 Park Avenue Elementary School
 Park Ridge Middle/High School
 Parkway Elementary School
 Parsippany-Troy Hills Library
 Passaic Public Library
 Passaic Public Library - Reid Memorial Branch
 Paterson Free Public Library
 Pennington Public Library
 Pennsauken Free Public Library
 Pequannock Twp. Public Library
 Perth Amboy Free Public Library
 Pine Beach Elementary School
 Piscataway Public Library
 Piscataway Public Library - Westergard Branch
 Plainfield Public Library
 Plainsboro Public Library
 Plainsboro Public Library
 Princeton Public Library
 Project Gametime LLC
 Ramsey Free Public Library
 Randolph Township Free Public Library
 Raritan Public Library
 Readington Middle School
 Red Bank Charter School- STEM Lab
 Red Bank Public Library
 Red Bank Regional High School Media Center
 Ridgefield Park Public Library
 Ridgewood Public Library
 Ringwood Public Library
 River Edge Public Library
 River of Life Books, LLC
 Riverton Elementary School
 Roebling Museum
 Roosevelt Intermediate School
 Roselle Park High School Library
 Roselle Park Veterans Memorial Library
 Roselle Public Library
 Sadie Pope Dowdell Library
 Scotch Plains Public Library
 Silver Bay Elementary School
 Somerset County Library System - Bound Brook Memorial Library
 Somerset County Library System - Manville Library
 Somerset County Library System - Mary Jacobs Memorial Library
 South Brunswick Public Library
 South Orange Public Library
 South Plainfield Public Library
 South Toms River Elementary School
 Sparta Library
 Sparta Middle School
 Spotswood Public Library
 STEAMpark, INC
 SteamWorks
 Success for All Families
 Summit Free Public Library
 Sussex County Library System
 TCF2019 / The College of NJ with ACGNJ, NYACC, and ACM & IEEE PCJS
 Teaneck Public Library
 TechnoChic
 Tenafly Public Library
 The Children's Museum of NJ
 The Margaret E. Heggan Free Public Library
 The Newark Public Library
 Three Bridges Elementary School
 Toms River High School East
 Toms River High School North

Toms River High School South
Toms River Regional Schools
(Intermediate East)
Township of Ocean Intermediate School
Troy Hills Elementary School
Twp of Washington Public Library
Union City Public Library
Union City Public Library - Branch
Library
Union Public Library - Main Branch
Union Public Library - VauxHall Branch
Upper Saddle River Public Library
Verona Public Library
Vineland Public Library
Von E. Mauger Middle School
Wall Township High School
Walnut Street Elementary School
Wanamassa Elementary School
Wanaque Public Library
Warren County Library - Catherine
Dickson Hofman Branch

Warren County Library - Headquarters
Branch
Warren County Library - Northeast
Branch
Warren County Library - Northeast
Branch
Warren County Library - Southwest
Branch
Washington Public Library
Washington Street Elementary School
Washington Township Public Library
Waterford Township Public Library
Wayside Elementary School
WeMake 4-H
West Caldwell Public Library
West Deptford Free Public Library
West Dover Elementary School
West Essex Regional Schools - HS
Building
West Orange High School LMC
West Orange Public Library

Westfield Memorial Library
Westwood Public Library
Whippanong Library
Whitesbog Historic Village
Wood-Ridge Jr/Sr High School
Woodbridge Public Library
Woodbridge Public Library - Fords
Branch Library
Woodbridge Public Library - Henry
Inman Branch Library
Woodbridge Public Library - Iselin
Branch Library
Worth-Pinkham Memorial Library
[www.codeie.com / CODEie](http://www.codeie.com/)
Wyckoff Public Library
YingHua International School
YMCA of Montclair - Geyer Family
Branch



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Dr. Krista Welz, Ed.D
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Development & Technology
New Jersey State Library

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