

Project List

2020 Connecticut Science & Engineering Fair

Broadcom Winners

Project Number	Title				
LT 1001	1	Sliding Soil	Meriden	Thomas Edison Middle School	7 Jacie Carrero 7 Faith Rose 7 Grace Rose
LT 1005	1	Using Charcoal as a Fertilizer Supplement	Enfield	Chiaravale Academy	7 Joella Asapokhai 7 Alexandria Croal 7 Jordan Roy
LT 1014	1	Effects of Fertilizer on Algae Growth	Wilton	Middlebrook Middle School	8 Illeas Paschalidis 8 Shawn Gregory
L7 2007	1	Effectiveness of the Organic Polymers for Removing Microplastic in an Aqueous Solution	West Haven	Engineering and Science University	7 Snigtha Mohanraj
L7 2014	1	Beverage Stains on Teeth	Danbury	Saint Joseph School	7 Charles Doran
L7 2018	1	The Effects of Fertilizers on the Diversity and Density of Soil Microbes	Greenwich	Greenwich Academy	7 Ruby Montanez
L7 2026	1	Correlation Between Fertilizer Use and Grass Growth	New Haven	Celentano Magnet School	7 Nurializ Torres
L8 2501	1	Concentration of Microplastics in Four Farmington River Locations	Canton	Canton Middle School	8 Lauren Marze
L8 2502	1	Tumor Suppression of Agrobacterium tumefaciens in Daucus carota	Danbury	Westside Middle School Academy	8 Maria Eduarda Sousa
L8 2515	1	The Effect of Habitat Loss on a Cockroaches Stress and Well Being	Danbury	Westside Middle School Academy	8 Kaitlyn Salvatore
L8 2527	1	Kombucha SCOBY Infused Hydrogels as a Natural Bandaid Stopping the Growth of Escherichia coli	Danbury	Westside Middle School Academy	8 Ella Brown
PT 4001	1	Transforming Ocean Wave Energy to Electrical Energy	Windsor	Academy of Aerospace and Engineering	7 Sujay Chava 7 Atul Shreyas Konda
PT 4033	1	Effect of Bamboo, plastic on the strength of concrete	Windsor	Academy of Aerospace and Engineering	7 Rawan Ibrahim 12 Vikram Haran
PT 4037	1	Utilizing Nanotechnology to Clean Up Oil Spills	Bethany	Amity Middle School - Bethany	8 Adam Liu 8 Alesandro Gopal
PT 4040	1	Does The Baseball Bat You Use Affect How You Hit?	Manchester	Saint James School	7 Porter Breton 7 Zachary Nyberg
P7 5006	1	PH's Color	Bridgeport	Discovery Magnet School	7 Beatriz Maia
P7 5007	1	Dampening, Quantifying, and Recording Tremor	Avon	Talcott Mountain Academy	7 Ariana Pourkavoos
P7 5013	1	Exploring Magnetism	East Hartford	St. Christopher School	7 Daniel Mitchell
P7 5019	1	Intelligent Rice Blast Disease Detector	Farmington	Irving Robbins Middle School	7 Ann Song

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P7 5023	Developing a Novel Eco-Friendly System that Recovers Wasted Thermal and Kinetic Energy From a Dryer Exhaust	1 Windsor	Madina Academy	7 Tasneem Zoghol
P8 5510	A More Efficient Microbial Fuel Cell	1 Bethany	Amity Middle School - Bethany	8 Iris Yan
P8 5512	Water Filter and Water Turbine	1 Westport	Greens Farms Academy	8 Jakob Zapanta
P8 5513	Producing Renewable Energy With Rainwater Gutter Systems Using Micro Hydro-Turbines	1 Bozrah	Fields Memorial School	8 Elle Okoney
P8 5518	Heart Safe	1 Wilton	Middlebrook Middle School	8 Anup Pilla