

Project Name	Grade	School Name	School City	State
The Barrier Breaker	7	Horizon Elementary	Madison	Alabama
Vulture Model: 1	5	Rogers Park	Anchorage	Alaska
H.E.A.R.T.	8	Phoenix Country Day School	Paradise Valley	Arizona
D.A.V.A. Tracker	4	Abraham Lincoln Traditional	Phoenix	Arizona
Synthesizing a Mycorrhizal Relationship with Sphagnum Moss to Clean Water	12	Paradise Valley High School	Phoenix	Arizona
Explorabot	6	Saint John XXIII Catholic School	Scottsdale	Arizona
Infrasound Fire Extinguisher	8	Brookland Junior High School	Brookland	Arkansas
Macu-Vision	8	Brookland Junior High	Brookland	Arkansas
Triple S: Safe Storm Shelter	8	Brookland Junior High	Brookland	Arkansas
Internal Cochlea Implant	7	Juan Cabrillo Middle School	Santa Clara	California
The Ultrasonic Lung Cancer Detector	7	Juan Cabrillo Middle School	Santa Clara	California
Cancer Immunotherapy	10	Chaminade College Preparatory	Canoga Park	California
Get Shocked!	10	Chaminade College Preparatory	Canoga Park	California
The TEMPEST Microbot	9	Oxford Academy	Cypress	California
How Artificial Wired Veins Help Save Lives	9	California School of the Arts	Duarte	California
Beyond Lithium-Ion Technologies: Supercapacitors with 2D nanostructured Graphene-Silicene-Germanene Trilayers for increased energy density and charge/discharge rates	10	Crespi Carmelite High School	Encino	California
CRISPR Over Cancer	10	Etiwanda High School	Etiwanda	California
Employing a Nano-robotic Chip to Treat Seizures in Epileptics	10	Etiwanda High School	Etiwanda	California
Further Development of HIV Vaccine Using Genetic Technology	10	Etiwanda High School	Etiwanda	California
Destroying Influenza	10	Mission San Jose High School	Fremont	California
Nanobot Cure for Schizophrenia	12	Valley Academy of Arts and Sciences	Granada Hills	California
Solar Powered Agricultural Robot	6	Natomas Charter School, Leading Edge	Sacramento	California
Glioblastoma	5	Design39 Campus	San Diego	California
Safe Water System	5	Design39Campus	San Diego	California
NP Bessel (NanoPrinting Blood Vessel)	5	Ericson Elementary	San Diego	California
Gene Engineered Nano E-Automation (G.E.N.E.)	6	Katherine Delmar Burke School	San Francisco	California
Pollution EndZyme	6	Katherine Delmar Burke School	San Francisco	California
Remember Me	6	Katherine Delmar Burke School	San Francisco	California
ReTree	6	Katherine Delmar Burke School	San Francisco	California
Schiz-O-Bot	6	Katherine Delmar Burke School	San Francisco	California
FUAV Filter	8	Leonard Herman Intermediate	San Jose	California
Drone Body Scanner	6	Martin Murphy Middle School	San Jose	California
Artificial and Advanced Photosynthesis: The Future of Green Energy	9	Santa Teresa High School	San Jose	California
Treating the Ailment Not to be Treated: The WiSpine	9	Santa Teresa High School	San Jose	California

Gene Editing Just Got Way CRISPR	8	The Harker School	San Jose	California
Carbon Capture Conversion (CCC)	7	Juan Cabrillo Middle School	Santa Clara	California
Gene Editing Limb Regrowth Initiation Chamber	8	Juan Cabrillo Middle School	Santa Clara	California
H2Ocean	7	Juan Cabrillo Middle School	Santa Clara	California
The AMR Serum	8	Juan Cabrillo Middle School	Santa Clara	California
The Pacific Ocean Restoration Project	8	Juan Cabrillo Middle School	Santa Clara	California
Alzheimer's Regeneration Therapy (A.R.T.)	10	Santa Clara High School	Santa Clara	California
BPHV (BioPrinted Heart Valves)	9	Santa Clara High School	Santa Clara	California
ENDIT - Epileptic Neuron Detection Interruption Technology	10	Stanford Online High School	Stanford	California
SNDNA CAGE	9	East Hartford High School	East Hartford	Connecticut
The Ultrasonic System	9	East Hartford High School	East Hartford	Connecticut
GMOs Avoiding Allergies: Allergy-Free Peanuts	6	Brown Middle School	Madison	Connecticut
HoverGreen	6	Brown Middle School	Madison	Connecticut
ArKid	6	Scofield Magnet Middle	Stamford	Connecticut
PeasAsPlastic (PAP)	6	Scofield Magnet Middle	Stamford	Connecticut
The Future of Gene Editing Technology: CRISPR Cpf1 for the Treatment of Tay-Sachs Disease	11	BASIS DC	Washington	District of Columbia
S.W.I.M. Sensory Wearable Intelligent Material	6	St Mary Magdalen	Altamonte Springs	Florida
HEC: Hydroelectric car	5	A.D. Henderson University School	Boca Raton	Florida
Bioluminescent Trees	9	Bishop Kenny High School	Jacksonville	Florida
SAFE Sensor	9	Bishop Kenny High School	Jacksonville	Florida
Solar-Powered Desalination Drip Irrigation System	10	Bishop Kenny High School	Jacksonville	Florida
The Reformed Retainer	9	Bishop Kenny High School	Jacksonville	Florida
New cochlear implant (COCO2.0)	8	Julia Landon College Preparatory	Jacksonvillef	Florida
Microbot Mania	12	Jupiter High School	Jupiter	Florida
Tracker Tooth	8	Pine View Middle School	Land O Lakes	Florida
AHEAD phones	6	Sanders Memorial Elementary School	Land O Lakes	Florida
The Slice Device	10	Our Lady of Lourdes Academy	Miami	Florida
Adapt-A-Seat	11	Our Lady of Lourdes	Miami	Florida
AVPMonitor	11	Our Lady of Lourdes Academy	Miami	Florida
De Sal: Water Desalination System	12	Our Lady of Lourdes Academy	Miami	Florida
hEARt rate Earbuds	12	Our Lady of Lourdes Academy	Miami	Florida
MUCUS-ALL	9	Our Lady of Lourdes Academy	Miami	Florida
Oculus Melius	9	Our Lady of Lourdes Academy	Miami	Florida
The Ecoshell	10	Our Lady of Lourdes Academy	Miami	Florida

The Horus Insight	10	Our Lady of Lourdes Academy	Miami	Florida
The Knee Guard	10	Our Lady of Lourdes Academy	Miami	Florida
BACKey	11	Our Of Lady of Lourdes Academy	Miami	Florida
The Kraken	6	St. Thomas the Apostle	Miami	Florida
X-Specs	6	St. Thomas the Apostle	Miami	Florida
C.A.P.E.S..	7	Avalon Middle	Orlando	Florida
Project Luna Rei: Blood Pressure Monitor Watch	6	Avalon Middle	Orlando	Florida
Robo-Cleaner	6	Avalon Middle	Orlando	Florida
Violet Vacuum	6	Avalon Middle	Orlando	Florida
Cropometer	6	Avalon Middle School	Orlando	Florida
Emergency Water Supply System	6	Avalon Middle School	Orlando	Florida
Health Hero	6	Avalon Middle School	Orlando	Florida
Introducing the M.W.	6	Avalon Middle School	Orlando	Florida
Magnetricity	8	Avalon Middle School	Orlando	Florida
N.B.C.D. - Nanobot Cancer Destroyer	8	Avalon Middle School	Orlando	Florida
Solar Powered Phone Charger	6	Avalon Middle School	Orlando	Florida
The Dog's Best Friend	6	Avalon Middle School	Orlando	Florida
Weecrave	6	Avalon Middle School	Orlando	Florida
The IntelliGenerator	9	Gaither High School	Tampa	Florida
Z-R ORGANS: 3D Printing for Life	9	Jesuit Tampa	Tampa	Florida
Rover to the Red Planet - Taking Man to Mars	9	The Westminster School	Atlanta	Georgia
Robotic Bees	9	Rockdale Magnet School for Science and Technology	Conyers	Georgia
Port-A-Veggie	4	Brookwood Elementary	Dalton	Georgia
Improved Automobile Safety Mechanism	11	River Ridge High School	Woodstock	Georgia
Microwave 2.0	12	River Ridge High School	Woodstock	Georgia
Combating superbugs using polymer-coated lysis-deficient superphages	12	John F. Kennedy High School	Tamuning	Guam
Freezing Time	9	Damien Memorial School	Honolulu	Hawaii
Deletion of the PTPN1 Gene Through Utilization of Adenoviral Vectors in Type 2 Diabetic Patients	12	Moanalua High School	Honolulu	Hawaii
Putting Parkinson's in Park	12	Moanalua High School	Honolulu	Hawaii
Artificial Antigen Manipulation	9	University Laboratory High School	Urbana	Illinois
MOF-based Nanorobotic Heart Surgery (MOF-NHS)	11	University Laboratory High School	Urbana	Illinois
OP I.D. Swarm Tech Pollinator	9	University Laboratory High School	Urbana	Illinois
ProTHOR: Prosthetic Thoracic Vertebral and Disc Technology	9	University Laboratory High School	Urbana	Illinois
SACNaC: Superhydrophobic Antimicrobial Copper Nanoparticle-infused Catheter	11	University Laboratory High School	Urbana	Illinois
SLAPTest	10	University Laboratory High School	Urbana	Illinois
aLens: An Innovation in Health and Safety	8	University of Illinois Laboratory High School	Urbana	Illinois
Atmics: Technology for Greenhouse Gas Reduction and Renewable Energy	8	University of Illinois Laboratory High School	Urbana	Illinois
NBVaccine	8	University of Illinois Laboratory High School	Urbana	Illinois
SmokeAway: Use the Waste and Save the Air	8	University of Illinois Laboratory High School	Urbana	Illinois
StormDome	8	University of Illinois Laboratory High School	Urbana	Illinois
Live Listeners	4	Rosehill Elementary	Lenesa	Kansas
4 Instant Insulin /Pancrea Patch	9	Scott 9th	Georgetown	Kentucky
4 Communication Translator	9	Scott 9th	Georgetown	Kentucky

Solar-Cone: Utilizing Photocatalysis to Design a Photoreactor for Water Disinfection	12	Baton Rouge Magnet High School	Baton Rouge	Louisiana
Health	6	Holy Ghost School	Winnipeg	Manitoba
The Trash Conqueror	6	Walker Mill Middle School	Capital Heights	Maryland
Drunk Driving Prevention System	6	Clarksville Middle	Clarksville	Maryland
cantinaOsmose	6	Clarksville Middle	Clarksville	Maryland
KLAP	6	Clarksville Middle	Clarksville	Maryland
The APR	6	Clarksville Middle	Clarksville	Maryland
WatchBio	6	Clarksville Middle	Clarksville	Maryland
The Ultraband	6	Clarksville Middle School	Clarksville	Maryland
Animal Safety System	6	Clarksville Middle	Clarksville	Maryland
Home Fire Safety	6	Clarksville Middle	Clarksville	Maryland
Tumor Detection System	6	Clarksville Middle	Clarksville	Maryland
Nano-Odynaision Devisa: The future of disease prevention	6	Clarksville Middle School	Clarksville	Maryland
The Aqua Flow Cup	6	Clarksville Middle School	Clarksville	Maryland
The LINCC	6	Clarksville Middle School	Clarksville	Maryland
Invisible Security Camera	6	Lake Elkhorn Middle School	Columbia	Maryland
WolfPack Generators	6	Lake Elkhorn Middle School	Columbia	Maryland
Screenspecs	6	Lake Elkhorn Middle School	Columbia	Maryland
Synthetic X: A Treatment for HIV	10	Northwest High School	Germantown	Maryland
Tyrosinemia Type 1 Reversed	10	Northwest High School	Germantown	Maryland
Go Green Filament Maker	7	Feynman School	Rockville	Maryland
A Novel Application of Piezoelectric Technologies using Rack-Pinion and Piston Mechanical Amplifiers	11	Richard Montgomery High School	Rockville	Maryland
Thorium-based Electricity Generation as an Alternative to Modern Nuclear Energy Plants	11	Montgomery Blair High School	Silver Spring	Maryland
Autonomous Vehicles: The Future of Transportation	11	Montgomery Blair High School	Silver Spring	Maryland
Early Detection of Chronic Traumatic Encephalopathy	11	Montgomery Blair High School	Silver Spring	Maryland
Effects of Quantum Computing on P vs. NP and Cryptography	11	Montgomery Blair High School	Silver Spring	Maryland
Ferofluids, Nanotechnology, and the Future of Cancer Research	11	Montgomery Blair High School	Silver Spring	Maryland
Gene Therapy using Swarm-Based Nanorobotics Applying the CRISPR Technique	11	Montgomery Blair High School	Silver Spring	Maryland
Organs-on-Chips	11	Montgomery Blair High School	Silver Spring	Maryland
Programs Make Programs	11	Montgomery Blair High School	Silver Spring	Maryland
Stem Cell Therapy: A Resolution for Degenerative Disease and Aging	11	Montgomery Blair High School	Silver Spring	Maryland
Systemic Delivery of Genetically Altered Oncolytic Viruses as Cancer Immunotherapy	11	Montgomery Blair High School	Silver Spring	Maryland
The Future of Wastewater Treatment	11	Montgomery Blair High School	Silver Spring	Maryland
The Whale MAPRR	5	Heath Elementary	Brookline	Massachusetts
Orbital Directional Adjusting Satellite	9	Wilbraham Monson Academy	Wilbraham	Massachusetts
Zika Crisis Mediation through At-home Detection	9	Wilbraham Monson Academy	Wilbraham	Massachusetts
E.C.A.R.S.	9	Battle Creek Area Mathematics and Science Center	Battle Creek	Michigan
Thumbprint Pill Bottle	9	Battle Creek Area Mathematics and Science Center	Battle Creek	Michigan

A NEW CHEMICAL KINETIC MECHANISM OF BIOLOGICAL ENERGY	9	Boulan Park Middle School	Troy	Michigan
Human Virus Detecting Glasses	7	West Hills Middle School	West Bloomfield	Michigan
Telomerase Injection Therapy	7	West Hills Middle School	West Bloomfield	Michigan
New Generation Stethoscope	5	Visitation Academy	St. Louis	Missouri
S.T.A.R. Charger: Solar Trapping All Renewable Charger	5	Holy Cross Catholic School	Omaha	Nebraska
The SST: Scan, Save, and Track	5	Holy Cross Catholic School	Omaha	Nebraska
Innovate the World	6	Academy for Science and Design	Nashua	New Hampshire
Cycle-Ops	6	Academy for Science and Design	Nashua	New Hampshire
Goody Two Shoes!	6	Academy For Science and Design	Nashua	New Hampshire
Hair Heros	6	Academy For Science and Design	Nashua	New Hampshire
Prospector Interplanetary Drone	7	Academy For Science and Design	Nashua	New Hampshire
HemoType-O	11	Biotechnology High School	Freehold	New Jersey
BiOxidrop: Intravenous Oxygenous Delivery for Hypoxia via Oxygen and Bicarbonate Microcapsule Injections	12	Livingston High School	Livingston	New Jersey
CTE Detection: Keeping the Brain Together	8	Marlboro Middle School	Marlboro	New Jersey
Drops of Clarity: Envisioning a Clearer Future	8	Marlboro Middle School	Marlboro	New Jersey
The Onco-Injecto Virus	8	Marlboro Middle School	Marlboro	New Jersey
EBRS: Extremus BioRemediation System	12	95 N Main St	Marlboro Township	New Jersey
Artificial Photosynthesis in Vehicles	9	Marlboro High School	Marlboro Township	New Jersey
AllergEASE: The Future of Food Allergen Detection	8	Marlboro Memorial Middle School	Morganville	New Jersey
Fishbot	7	Marlboro Memorial Middle School	Morganville	New Jersey
VISIBLETECH	6	Thomas Edison Energysmart Charter School	Somerset	New Jersey
LRRepair: Redefining Parkinson's	8	Marlboro Middle School	Township	New Jersey
Plasma Laser Trash Incinerator (PLTI)	5	Washington Elementary School	West Caldwell	New Jersey
Solar Swivels	5	Franklin School	Westfield	New Jersey
Pure Energy Survival Box	5	Bayville Intermediate School	Bayville	New York
Concussion headband	9	John F Kennedy	Bellmore	New York
Doctor On The Go	9	John F. Kennedy High School	Bellmore	New York
Hydrohealth	9	John F. Kennedy High School	Bellmore	New York
Strep-Be-Gone	9	Kennedy High School	Bellmore	New York
VacPatch	9	WC Mephram High School	Bellmore	New York
Pristine Laptops	6	Bronx Charter School For Excellence	Bronx	New York
Biorganic Cooling System	11	Bronx High School of science	Bronx	New York
Epiband: The New First Responder in Health Care	10	Bronx High School of Science	Bronx	New York
A Graphene Enhanced CRISPR Nanobot to Treat HIV	11	Bronx High School of Science	Bronx	New York
The Anti-Prion	11	Bronx High School of Science	Bronx	New York
A New Approach to Battling Infant Mortality: Treating Krabbe Disease	11	The Bronx High School of Science	Bronx	New York
Oyster Inspired Water Filtration Nanotechnology	11	The Bronx High School of Science	Bronx	New York
The CEA Purifier	10	The Bronx High School of Science	Bronx	New York
ChelatingBot	11	The Bronx High School of Science	Bronx	New York
Rapidly Deployable Emergency Support Structure (RDESS) for Emergency Repairs after Catastrophic Disasters	11	The Bronx High School of Science	New York	New York
Let Be Bee	6	Bay Academy	Brooklyn	New York

Development of the Tethered Buoyant Aeronautical Solar Turbine Kite	11	Brooklyn Technical High School	Brooklyn	New York
Self-Adaptive Vitalizing Robots (SAVIOR)	10	Horace Greeley High School	Chappaqua	New York
Automated Recycling	9	Cold Spring Harbor High School	Cold Spring Harbor	New York
Depression treated by nanobots	9	Cold Spring Harbor High School	Cold Spring Harbor	New York
Gluten Free Pill	9	Cold Spring Harbor High School	Cold Spring Harbor	New York
The use of axolotl genes to accelerate regeneration	9	Cold Spring Harbor High School	Cold Spring Harbor	New York
RecovNH3: From Garbage to Fertilizer	9	Commack High School	Commack	New York
SurgPort: The Synergy of Surgery and Teleportation	9	Commack High School	Commack	New York
NovAxon: The Future of Nerve Regeneration	9	Commack High School	Commack	New York
S.A.F.E: A Secure Automotive Flood Envelope	8	The Alternative School for Math and Science	Corning	New York
Concussion Detecting Contacts	9	Walter Panas High School	Cortlandt Manor	New York
Utilizing Various Species of Microorganisms in a Novel Approach to Biodegrade PET and HDPE	10	Half Hollow Hills High School East	Dix Hills	New York
20/20 in 20. A Clear Vision for the Future	9	East Meadow High School	East Meadow	New York
Nanorobotic Intramuscular Neural Interface (NINI)	9	East Meadow High School	East Meadow	New York
A Solution to Blood Sugar Problems: The GILR	8	Paul J. Gelinas Junior High School	East Setauket	New York
Dyskinesia Treatment in Patients Undergoing Carbidopa Levodopa Therapy Through MAO-B Inhibitors and Levodopa Administration	11	Townsend Harris High School	Flushing	New York
Utilizing Extremophile Genetic Recombination to Reduce the Effects of Acid Rain on Aquatic Environments	11	Townsend Harris High School	Flushing	New York
The ArthroGlove	9	Valley Stream North High School	Franklin Square	New York
The Cranium Cushion	9	Valley Stream North High School	Franklin Square	New York
U-Band	4	Stratford Avenue School	Garden City	New York
CuClean: An Antimicrobial Case and Hygienic Surface	11	North Shore Hebrew Academy	Great Neck	New York
The Safety Net Car Seat: Utilizing Technology to Prevent Child Vehicular Hyperthermia Fatalities	9	Hauppauge High School	Hauppauge	New York
Preserving Food in an Eco-Friendly Manner	9	G.W. Hewlett High School	Hewlett	New York
ND-TOR: Combating Autism with Nanotechnology	11	SKA Stella K. Abraham High School For Girls	Hewlett	New York
Nanobots for Cancer	7	Hicksville Middle School	Hicksville	New York
The Vibrating Guide	5	Woodhull Intermediate School	Huntington	New York
COVERING INFRASTRUCTURE WITH NANOPARTICLES FOR IMPROVED LONGEVITY AND EFFICIENCY	10	Jericho High School	Jericho	New York
Improving EEG based full-exoskeleton for aiding patients with physical disabilities	10	Jericho High School	Jericho	New York
Nano Laser Ablation System (NanoL.A.S.)	11	Jericho High School	Jericho	New York
Nano-Immunity for HCV Prevention & Treatment	12	Jericho High School	Jericho	New York
Nitrate in the right state: A novel method of excess nitrate uptake and delivery for runoff prevention	12	Jericho High School	Jericho	New York
OPTICA: Optical Perception and Transduction Improvement by Computational Augmentation	11	Jericho High School	Jericho	New York
SmartLens	11	Jericho High School	Jericho	New York
Stress Aid	12	Jericho High School	Jericho	New York
The AutoEpi: Wearable Device for Allergy Monitoring and Prevention	12	Jericho High School	Jericho	New York
WECO2	11	Jericho High School	Jericho	New York
Brain Saver	5	Locust Valley Intermediate School	Locust Valley	New York
Geckobot	4	Locust Valley Intermediate School	Locust Valley	New York
Micro-G PT Center	5	Locust Valley Intermediate School	Locust Valley	New York
APUSH: Advanced Particles Used to Stop Hurricanes	10	Lynbrook High School	Lynbrook	New York
Triple Action Nanoparticles for the Early Diagnosis of Cerebral Amyloid Angiopathy	10	Lynbrook High School	Lynbrook	New York
The Sun Sticker	9	Sanford High Calhoun	Merrick	New York

Full Body Alcohol Scanner	9	Sanford High Calhoun	Merrick	New York
A New Mammogram	9	Sanford High Calhoun	Merrick	New York
Rebalytic	9	Sanford High Calhoun	Merrick	New York
ToothbrupH Scanner	9	Sanford High Calhoun	Merrick	New York
Advancements in Eco-Friendly Infrastructure	10	Stuyvesant High School	New York	New York
Improving Batteries in Electric Cars	10	Stuyvesant High School	New York	New York
Perovskites and the future of solar energy	10	Stuyvesant High School	New York	New York
Stabilizing tin-based perovskites to increase the efficiency and safety of solar cells	10	Stuyvesant High School	New York	New York
Tetra Gelatin Magnetic Carrier (TeGMAc)	11	John F Kennedy High School	Plainview	New York
The Use of Buckyballs and Koningic Acid in Cancer Treatment	11	John F Kennedy High School	Plainview	New York
Anato-Fix	6	Plainview Old Bethpage Middle School	Plainview	New York
Application of Graphene-Enhanced Silk Nanofibrils in a Novel Water Filtration Bottle	11	Plainview-Old Bethpage John F. Kennedy High School	Plainview	New York
Repurposing DNA robots to block CD15s receptors, a factor that aids in the formation of brain metastases associated with Non-Small Cell Lung Cancer (NSCLC)	11	Plainview-Old Bethpage John F. Kennedy High School	Plainview	New York
The Advent of Tissue Nano-transfection within Militaristic Environments	11	Plainview-Old Bethpage John F. Kennedy High School	Plainview	New York
L.I.F.E Suit- Lightweight Intelligent Functioning Exosuit	6	Plainview Old Bethpage Middle School	Plainview	New York
Automatic Scrolling Text to Braille Translator	9	Blind Brook High School	Rye Brook	New York
Pain Eliminating Prosthetic Socket	9	Blind Brook High School	Rye Brook	New York
InfernoPanel: The Key To a Greener Future	11	Ward Melville High School	Setauket	New York
PET Pods	8	Paul J. Gelinas Junior High School	Setauket- East Setauket	New York
Bio Bottles	9	Saint Anthony's High School	South Huntington	New York
Bone Engraftment Kit (B.E.K)	9	Saint Anthony's High School	South Huntington	New York
Laso: A new way to treat blood clots	9	Saint Anthony's High School	South Huntington	New York
Marine Cloud Brightening	10	Saint Anthony's High School	South Huntington	New York
Nano Ninja: PLGA-Chitosan Nanoparticle Drug Carrier Inhaler	9	Saint Anthony's High School	South Huntington	New York
Plastic Digesting Microorganisms (PDMO)	9	Saint Anthony's High School	South Huntington	New York
PPC-Pollution Powered Charger	9	Saint Anthony's High School	South Huntington	New York
Smart Anti-Paralysis Implant (SAPI)	10	Saint Anthony's High School	South Huntington	New York
Stem Regen	9	Saint Anthony's High School	South Huntington	New York
The P.A.N.T. Chip	9	Saint Anthony's High School	South Huntington	New York
The Piezoswimmer	9	Saint Anthony's High School	South Huntington	New York
Utilizing a Modified Primer and Exoskeleton to Combat Internal Bleeding	11	Saint Anthony's High School	South Huntington	New York
3D Bone Engraftment Kit (B.E.K)	9	St. Anthony's High School	South Huntington	New York
Engineered GDF11 Injections: The fountain of youth for aging, damaged hearts	11	St. Anthony's High School	South Huntington	New York
HIRFC (Human Implanted Radio Frequency Micochip)	9	St Anthony's High School	South Huntington	New York
Eco-Booster	8	R. C. Murphy Jr. High School	Stony Brook	New York
Boinic Pancreas	8	RC Murphy	Stony Brook	New York
Biodegradable Virus Eradication Nanites	8	RC Murphy JHS	Stony Brook	New York
Sulfur Dioxide Smoke Stack Filter	8	RC Murphy JHS	Stony Brook	New York
Caule Cellam Auxilium (Stem Cell Help): Semi-Synthetic Stem Cells	8	RC Murphy JHS	Stony Brook	New York
Fire Annihilator	8	RC Murphy Junior High school	Stony Brook	New York
Doorknob Alarm System	4	Mandalay Elementary	Wantagh	New York
Virtual Reality Glasses	4	Mandalay Elementary School	Wantagh	New York
Long Range Radio Frequency Power Transfer	11	Enloe High School	Raleigh	North Carolina
Power Through Destruction	9	UNC Coastal Studies Institute	Wanchese	North Carolina
Animal ID Goggles	4	Greenfield School	Wilson	North Carolina
Infrared Smoke Detector	5	Greenfield School	Wilson	North Carolina
RC Cabinet	4	Greenfield School	Wilson	North Carolina
Tankless Scuba Mask Pro	6	Greenfield School	Wilson	North Carolina
TCP Contacts	6	Greenfield School	Wilson	North Carolina

The Divergent Oven	6	Greenfield School	Wilson	North Carolina
T4AD~Technology for Allergy Diagnostics	5	North Plains Elementary	Minot AFB	North Dakota
App to Stop Texting and Driving	4	Whitaker Elementary	Finneytown	Ohio
Algae Under Control	8	Shanahan Middle School	Lewis Center	Ohio
Algae Under Control	8	Shanahan Middle School	Lewis Center	Ohio
B.S.L. Proactive Braces	10	Bartlesville High School	Bartlesville	Oklahoma
Super Safe Storm Shelter	5	Angie Debo Elementary	Edmond	Oklahoma
The Recycling Trash Sorter (RTS)	5	Angie Debo Elementary	Edmond	Oklahoma
The X" Fish"	5	Angie Debo Elementary	Oklahoma City	Oklahoma
GM Phytotree	6	Our Lady of Sorrows	Etobicoke	Ontario
The Pure Post	6	Our Lady of Sorrows	Etobicoke	Ontario
The.Single.Drop	6	Our Lady of Sorrows	Etobicoke	Ontario
F.P.C. - Food Property Convertor	6	St. Emily Catholic School	Nepean	Ontario
Modified Thermoradiotherapy	5	St. Emily Catholic School	Nepean	Ontario
The Green Means Clean" Tablet"	6	St. Emily Catholic School	Nepean	Ontario
Wednesday Team 2	6	St. Brother	Ottawa	Ontario
Monday Team 2	5	St. Brother Andre	Ottawa	Ontario
Monday Team 4	6	St. Brother Andre	Ottawa	Ontario
Tuesday Team 1	6	St. Brother Andre	Ottawa	Ontario
Tuesday Team 3	6	St. Brother Andre	Ottawa	Ontario
Tuesday Team 4	5	St. Brother Andre	Ottawa	Ontario
Wednesday Team 3	6	St. Brother Andre	Ottawa	Ontario
Reborn Walk Transmitter	7	St. Ignatius of Loyola Gifted Centre	Scarborough	Ontario
Anibots: Animal Disease Finder with Nanobots	7	St. Rose of Lima Catholic School	Scarborough	Ontario
Carbon Dioxide Powered Electricity Producer	6	Fairglen Public School	Toronto	Ontario
Carbon Engineering_ Direct Air Capture	12	Harbord Collegiate Institute	Toronto	Ontario
Piezoelectric Car Tires	12	Harbord Collegiate Institute	Toronto	Ontario
X-RAY GLASSES	6	St. Bruno - St. Raymond Gifted Centre	Toronto	Ontario
SmartColour Glasses	6	St. James	Toronto	Ontario
HealthBots	10	W. L. Mackenzie C. I.	Toronto	Ontario
Hearing Aid Technology	10	W. L. Mackenzie C. I.	Toronto	Ontario
Motor Nerve Replacement Chip	10	W. L. Mackenzie C. I.	Toronto	Ontario
Edibottle	5	St. Clement	Toronto	Ontario
IOTA Piscium Mobile App	9	University of Toronto Schools	Torontoo	Ontario
E-Foods: Laser Dried Provisions	4	Lee Elementary	Salem	Oregon
Sirona Bots:The Future of Medicine	10	Northern High School	Dillsburg	Pennsylvania
Dementia Bracelet	9	Merion Mercy Academy	Merion Station	Pennsylvania
Mango Breeze	6	Waldron Mercy Academy	Merion Station	Pennsylvania
S.A.F.E.	6	Waldron Mercy Academy	Merion Station	Pennsylvania
The Solution to Ocean Pollution	4	Waldron Mercy Academy	Merion Station	Pennsylvania
Super Worm	6	Tenth Street	Oakmont	Pennsylvania
TRAI (Technology for Reducing Autism Impact)	4	Kernsville Elementary	Orefield	Pennsylvania
Direct Fire Connect	4	Selinsgrove Intermediate School	Selinsgrove	Pennsylvania
Junk Busters!	12	Wando High School	Mount Pleasant	South Carolina
Operation Moles	4	Kenrose Elementary School	Brentwood	Tennessee
The Blood Stream Band	6	Joe Shafer Middle School	Gallatin	Tennessee
ADEPT: An Algorithmic Innovation to Improve Medicine	9	Homeschool	Knoxville	Tennessee
Improvement of In Vitro Meat Production by the Creation of Sustainable Growth Medium	12	Westwood High School	Austin	Texas
Hybrid Renewable Energy System	10	Coppell High School	Coppell	Texas
Organ Rejection Gene Adapting Natural Solution (ORGANS)	8	Coppell Middle School North	Coppell	Texas
PTSD Therapy	8	Coppell Middle School North	Coppell	Texas
Sugar Cease	8	Coppell Middle School North	Coppell	Texas
The Breathe Smartwatch	8	Coppell Middle School North	Coppell	Texas
The Future of Augmented Reality: Exploration Sight	8	Coppell Middle School North	Coppell	Texas
The Virtual Tester	8	St. John's Episcopal School	Dallas	Texas
Healthy Heart	8	Duchesne Academy of the Sacred Heart	Houston	Texas
An Automatic System For Blood Deluttring	12	Energy Institute High School	Houston	Texas

Biology Bioengineer Filter 9000X	11	Energy Institute High School	Houston	Texas
The Nerve-Alize	11	High School for Law & Justice	Houston	Texas
Breathable Barrier	5	The Rice School	Houston	Texas
The Cleaning Turtle	5	The Rice School	Houston	Texas
4C-FIRES	6	The Village School	Houston	Texas
ACDC (Artificial Cartilage Disc Compact)	8	The Village School	Houston	Texas
AllergyBot	6	The Village School	Houston	Texas
APDrone: Pollinating the Future	7	The Village School	Houston	Texas
eCO2Drive	7	The Village School	Houston	Texas
EcoCraft	6	The Village School	Houston	Texas
M.E.R.M. Tech	6	The Village School	Houston	Texas
RobBees	6	The Village School	Houston	Texas
Space Collar	6	The Village School	Houston	Texas
Stem for Parkinson's: Healing one small step at a time	7	The Village School	Houston	Texas
Sweat Patch	6	The Village School	Houston	Texas
The HUM	6	The Village School	Houston	Texas
HPE - Hydro Powered Engine	6	The Village School	Houston	Texas
Safety Sphere	6	Kingwood Middle School	Kingwood	Texas
SMP - Surgical Mistake Preventor	6	Kingwood Middle School	Kingwood	Texas
Therapy Cube	6	Kingwood Middle School	Kingwood	Texas
WPEx_Bot	6	Kingwood Middle School	Kingwood	Texas
Smart Multifunctional Scaffolds (SMS)	10	Science Academy of South Texas	Mercedes	Texas
Organ and Tissue Growth from Stem Cells: Organ Growth Laboratories	8	Olympus Jr High	Salt Lake City	Utah
ADvantage: Curing Alzheimer's Using Advanced RNAi Technology	10	Thomas Jefferson High School for Science and Technology	Alexandria	Virginia
Mitigation of anesthetic-induced hypothermia using intravenous synephrine pumps	11	Thomas Jefferson High School for Science and Technology	Alexandria	Virginia
Utilizing Hydrolase-Delivering Nanobots to Combat Antimicrobial Resistance	9	Thomas Jefferson High School for Science and Technology	Alexandria	Virginia
Independent living for Alzheimer's patients using Cognitive Services	9	Thomas Jefferson High School for Science and Technology	Alexandria	Virginia
The Palm Farm	5	Claremont Immersion	Arlington	Virginia
EE Bike	6	Swanson Middle School	Arlington	Virginia
Step on it	6	Swanson Middle School	Arlington	Virginia
Waldo Cleaning Whale	6	Swanson Middle School	Arlington	Virginia
The Descolada	10	Lake Braddock Secondary	Burke	Virginia
EdiPill	10	Lake Braddock Secondary School	Burke	Virginia
Gene Therapy for Patients Suffering from Cystic Fibrosis	10	Lake Braddock Secondary School	Burke	Virginia
Magnetic Endoscopic Endonasal Surgery	10	Lake Braddock Secondary School	Burke	Virginia
Memory Implant	10	Lake Braddock Secondary School	Burke	Virginia
Cloning of Limbs	10	Lake Braddock Secondary	Burke	Virginia
Enhancing Incineration: Energy from Waste	9	Chantilly High School	Centreville	Virginia
Improving Space Shuttles with the help of Artificial Intelligence	9	Chantilly High School	Chantilly	Virginia
A Key to Beat Dementia	12	Chantilly High School	Chantilly	Virginia
Applying Cortisol Biosensor Implants to Regulate Stress Levels	10	Chantilly High School	Chantilly	Virginia
Controllable Variable Temperature Jacket	10	Chantilly High School	Chantilly	Virginia
Easy Wrap- A Bandage for Healing	10	Chantilly High School	Chantilly	Virginia
NaDCC Aquatize	12	Chantilly High School	Chantilly	Virginia
Nanotechnology Laser Procedure for Repair of Nerve Damage from Spinal Injury	10	Chantilly High School	Chantilly	Virginia
The Present Technology of Elastics on Braces Will be Developed to Include Calcium to Alleviate Pain	9	Chantilly High School	Chantilly	Virginia
The Use of Noise Cancellation to Reduce Auditory Sensitivity in Autism	9	Chantilly High School	Chantilly	Virginia
Using Electromagnetic Shielding to Improve the Thrust of Ion Propulsion Engines	11	Chantilly High School	Chantilly	Virginia
CD47 Extraction and Binding Extraction	10	Chantilly High School	Chantilly	Virginia

The Use of Induced Pluripotent Stem Cells and Molecular Patching in Exon Skipping to Treat Duchenne Muscular Dystrophy	10	Chantilly High School	Chantilly	Virginia
A Universal Translator Inside a Human Brain	11	Chantilly High School	Chantilly	Virginia
Exoskeleton Technology used to Expand Human Boundaries	9	Chantilly High School	Chantilly	Virginia
Using Smog Hydrologic Analysis to Understand Global Dimming Advancements	12	Chantilly High School	Chantilly	Virginia
AirFiltration & Nanotechnology	9	Centreville High School	Clifton	Virginia
DNA Drives	9	Centreville High School	clifton	Virginia
Flexible and Thin Solar Panels	9	Centreville High School	Clifton	Virginia
Gunshot Location App	9	Centreville High School	Clifton	Virginia
Nanotechnology in Bone Regeneration	9	Centreville High School	Clifton	Virginia
Oral Hygeine	9	Centreville High School	Clifton	Virginia
Possible Cure for Alzheimer's Disease using Aromatherapy	9	Centreville High School	Clifton	Virginia
Radiation Decreasing Phone Case	9	Centreville High School	Clifton	Virginia
Stress Level Monitoring (SLM) Chip	9	Centreville High School	Clifton	Virginia
Using Photochromic Lenses to Improve Contact Lenses	9	Chantilly High School	Fairfax	Virginia
EHD Thruster	12	Governor School For Science and Technology - New Horizon	Hampton	Virginia
Portable Reverse Osmosis Filtration System (PROFS)	9	West Springfield High School	Springfield	Virginia
Transportation Vehicle Carbon Air Filters	9	West Springfield High School	Springfield	Virginia
Residual Electromagnetic Energy Harvesting Cell	9	Academy of Science	Sterling	Virginia
Creating an electrochemical catalyst for the purpose of converting CO2 into Ethanol	9	Academy of Science	Sterling	Virginia
Rapid Concussion Treatment	9	Loudoun County Academy of Science	Sterling	Virginia
NOxDE	8	206-354-6537	Redmond	Washington
APD Paint	8	Evergreen Middle School	Redmond	Washington
Battery Shoe	8	Evergreen Middle School	Redmond	Washington
cCAMs	8	Evergreen Middle School	Redmond	Washington
cCAMS	8	Evergreen Middle School	Redmond	Washington
DVNR	8	Evergreen Middle School	Redmond	Washington
Early Detection Device	8	Evergreen Middle School	Redmond	Washington
EpiWrist	8	Evergreen Middle School	Redmond	Washington
IRP	8	Evergreen Middle School	Redmond	Washington
NetWeb	8	Evergreen Middle School	Redmond	Washington
Ocean Cleaner	8	Evergreen Middle School	Redmond	Washington
Ocean Cleaner	8	Evergreen Middle School	Redmond	Washington
The CLR	6	Evergreen Middle School	Redmond	Washington
The Desalinator	8	Evergreen Middle School	Redmond	Washington
Tricorder	8	Evergreen Middle School	Redmond	Washington
Venturer One	8	Evergreen Middle School	Redmond	Washington
Duff, Wu	8	Evergreen Middle School	Redmond	Washington
3P Robotic Bee (Pollination, Pesticide Detection, Pollution Converter)	7	Saint Joseph School	Seattle	Washington
SkinSaver: Innovative Skin Repair Device	5	St. Joseph School	Seattle	Washington
ABS	11	BASIS DC	DC	Washington DC
D.C.I.D. (Diabetes Care Insulin Device)	5	Ben Franklin Elementary	Franklin	Wisconsin
The C.P.R.F.A. (Car Pollution Reducement Filter Attachment)	5	Ben Franklin Elementary	Franklin	Wisconsin
G.L.D.	6	Ben Franklin Elementary School	Franklin	Wisconsin
M.P.V.	6	Ben Franklin Elementary School	Franklin	Wisconsin
Terrific Tillandsia	8	St. Joseph Parish School	Grafton	Wisconsin
Anti-Static Hairbrush	9	Central High School	La Crosse	Wisconsin
iLost	9	Central High School	La Crosse	Wisconsin
Clear View Microscope Adaptor	7	DC Everest Middle School	Weston	Wisconsin