[SchTown] [School] [Teacher] attend	These judging results are unaudited by the fair's Database Committee. The CSEF reserves the right to correct the listings. ecial award winners are required to the awards ceremony on Saturday. re to acknowledge by going to the K-IN page.
Avon Avon High School John Salerni	
3508 LST Defining the Significance of Inflammation in Atheroscleros Deep Learning Programs	sis by Examining Cross-Cohort Transcriptomics Using R and
Student(s) Phydena Liu	Grade 10 Town Avon
Lauren Zhang	Grade 11 Town Darien
Avon Talcott Mountain Academy John Pellino	
5009 P7 The Aura Project: Landing Rockets at a Model Scale	
Student(s) Kwabena Addai - Boateng	Grade 8 Town East Hartford
Avon Talcott Mountain Academy John Pellino	
2520 L8 The Boreabrush	
Student(s) Oliver Lind	Grade 8 Town Harwinton
Bridgeport Blackham School Nancy Hovanec	
4002 PT Hovercraft The New Transportation	
Student(s) Sebastian Suarez	Grade 7 Town Bridgeport
Jayden Perez	Grade 7 Town Bridgeport
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
3015 LS Non-Thermal Induction of Heat Shock Protein 90 to Mitiga	ate Early Oncogenesis With Preserved HSR
Student(s) Chloe Atkins	Grade 12 Town Stratford
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
6060 PS Magnetohydrodynamic (MHD) Salt Water Generator: Harr	nessing energy from flowing salt water without moving parts
Student(s) Samuel DiVasto	Grade 12 Town Trumbull
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
6070 PS Synthesis of Conductive Optical Lenses with Variable Ref	fractive Indices: The Kerr Effect
Student(s) Cole Galla	Grade 12 Town Trumbull
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
3077 LS Utilizing Fucus distichus alginates to develop an enhance	ed aerosol treatment for Cystic Fibrosis
	Grade 12 Town Stratford
Student(s) Mia Nierenberg	
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle	
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle 3134 LS Acoustic Noise Pollution Affecting Reproduction, Commun Student(s) Anne Taylor	nication, and Behavior of Brine Shrimp
Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle 3134 LS Acoustic Noise Pollution Affecting Reproduction, Commun	nication, and Behavior of Brine Shrimp <b>Grade</b> 12 <b>Town</b> Fairfield

Bridgeport       Fairchild Wheeler Biotechnology       Marilyn Carolina         3520       LST       Testing the Efficacy of Biochar Source Materials in Filtering Heavy Metal Pollution from the Housatonic River in CT         S120       LST       Testing the Efficacy of Biochar Source Materials in Filtering Heavy Metal Pollution from the Housatonic River in CT         S120       LST       Testing the Efficacy of Biochar Source Materials in Filtering Heavy Metal Pollution from the Housatonic River in CT         S120       LST       Testing the Efficacy of Biochar Source Materials in Filtering Heavy Metal Pollution from the Housatonic River in CT         S120       LST       Town       Shelton         Bridgeport       Waltersville School       John Cunningham         4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade 7       Town       Bridgeport         Bristol       Student(s)       Lily Chou       Grade 7       Town Bristol         Bristol       Student(s)       Lauren Gillis       Grade 7       Town Bristol         Bristol       Student(s)       Lauren Gillis       Grade 7       Town Bristol         Bristol       Student(s)       Lauren Gillis       Grade 7       Town Bristol         Brookfield
Student(s)       Angeline Tran       Grade       12       Town       Shelton         Phi Uanino       Grade       12       Town       Shelton         Bridgeport       Waltersville School       John Cunningham       Shelton         4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade       7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       Bristol       Bristol       Bristol         Student(s)       Lily Chou       Grade       7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       Eventoria       Eventoria       Eventoria         2002       L7       Which Moisturizer is Best?       Eventoria
Phi Uanino       Grade 12       Town       Shelton         Bridgeport       Wattersville School       John Cunningham       4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       5004       P7       Which Drink Has the Most Electrolytes?         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?         Student(s)       Lauren Gillis       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       P5       GeoCoci A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutture         Student(s)       Suchata Srinivasan       Grade 10       Town       Cheshire
Bridgeport       Waltersville School       John Cunningham         4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade 7       Town       Bridgeport         Genesis Reilly       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       5004       P7       Which Drink Has the Most Electrolytes?         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?         Student(s)       Lauren Gillis       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       PS       GeoCoci: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tit Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutt         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire
4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade 7       Town       Bridgeport         Genesis Reilly       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       Bristol       Bristol         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       Bristol       Bristol         2002       L7       Which Moisturizer is Best?       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       Gor7       PS       GeoCol: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       Gor30       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutte         Student(s)       Suchati Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       Stoge P8       The Irrigator- a susta
4008       PT       Does Municipal/Household Infrastructure Affect the Quality of Drinking Water in Bridgeport, CT?         Student(s)       Andrea Villatoro       Grade 7       Town       Bridgeport         Genesis Reilly       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti         5004       P7       Which Drink Has the Most Electrolytes?         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti
Student(s) Andrea Villatoro       Grade 7       Town       Bridgeport         Genesis Reilly       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       5004       P7       Which Drink Has the Most Electrolytes?         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?         Student(s)       Lauren Gillis       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       PS       Geococi: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Fluttic         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Fluttic         Student(s)       Suchita Srinivasan       Grade 10 </td
Genesis Reilly       Grade 7       Town       Bridgeport         Bristol       St. Matthew School       Danielle Persichetti       5004       P7       Which Drink Has the Most Electrolytes?         Student(s)       Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       5002       L7       Which Moisturizer is Best?         2002       L7       Which Moisturizer is Best?       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Fluttor         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Mi
5004       P7       Which Drink Has the Most Electrolytes?         Student(s) Lily Chou       Grade 7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?         Student(s) Lauren Gillis       Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s) Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Intel Effect of Different Types of Grass on Soil Erosion       Student(s)       Danbury         Mutual Kylie Capone       Grade 8       Town       Danbury       D
Student(s)       Lily Chou       Grade       7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?       Student(s)       Lauren Gillis       Grade       7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       Grade       7       Town       Bristol         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures       Student(s) Arjun Parimi       Grade       11       Town       Brookfield         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures       Student(s) Arjun Parimi       Grade       11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker              6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter       Student(s)       Suchita Srinivasan       Grade       10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       Sog9       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Sudent Si Sayam
Student(s)       Lily Chou       Grade       7       Town       Bristol         Bristol       St. Matthew School       Danielle Persichetti       2002       L7       Which Moisturizer is Best?       Student(s)       Lauren Gillis       Grade       7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       Grade       7       Town       Bristol         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures       Student(s) Arjun Parimi       Grade       11       Town       Brookfield         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures       Student(s) Arjun Parimi       Grade       11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker              6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter       Student(s)       Suchita Srinivasan       Grade       10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       Sog9       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Sudent Si Sayam
2002       L7       Which Moisturizer is Best?         Student(s) Lauren Gillis         Grade 7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town         Brookfield       Brookfield       Student(s)       Arjun Parimi       Grade 11       Town         God5       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutte         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Intelffect of Different Types of Grass on Soil Erosion       Student(s)       Sayam Dand       Grade 8       Town       Danbury         Intell       Kylie Capone       Grade 8       Town       Danbury
Student(s)       Lauren Gillis       Grade       7       Town       Bristol         Brookfield       Brookfield High School       JonathanNeuhausel       6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade       11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade       10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening       5509       P8       The Irrigator- a sustainable solution for gardening       5509       P8       The Irrigator- a Sustainable solution for gardening       5509       P8       The Irrigator- a Sustainable solution for gardening       5509       P8       The Irrigator- a Sustainable solution for gardening       5509       P8       The Irrigator- a Sustainable solution for gardening       5509       Town       Cheshire         Danbury       West
Brookfield       Brookfield High School       JonathanNeuhausel         6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       God45       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Intel Effect of Different Types of Grass on Soil Erosion       Student(s)       Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury       Danbury
6077       PS       GeoCool: A Novel Approach to Sustainable Residential Cooling Using Underground Soil Temperatures         Student(s)       Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening       Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       1025       LT       The Effect of Different Types of Grass on Soil Erosion       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury       Danbury
Student(s) Arjun Parimi       Grade 11       Town       Brookfield         Cheshire       Cheshire High School       Julie Barker       6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town         Cheshire       Dodd Middle School       Katie Kearney       5509         5509       P8       The Irrigator- a sustainable solution for gardening       Grade 8       Town         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Interfree Effect of Different Types of Grass on Soil Erosion       Student(s)       Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury       Danbury
Cheshire       Cheshire High School       Julie Barker         6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Dodd       Middle School       Katie Kearney       5509       P8       The Irrigator- a sustainable solution for gardening         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Cheshire       Danbury         1025       LT       The Effect of Different Types of Grass on Soil Erosion       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury       Danbury
6045       PS       A Torticollis Tilt Alerting Device using MPU6050 Sensor, Vibration motor, and iOS and Android App Built Using Flutter         Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       Student(s)       Student(s)       Grade 10       Town       Cheshire         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Cheshire       Cheshire         1025       LT       The Effect of Different Types of Grass on Soil Erosion       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury       Danbury
Student(s)       Suchita Srinivasan       Grade 10       Town       Cheshire         Cheshire       Dodd Middle School       Katie Kearney       -       -       -         5509       P8       The Irrigator- a sustainable solution for gardening       -       -       -         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       -       -         1025       LT       The Effect of Different Types of Grass on Soil Erosion       -       -       -         Student(s)       Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury
Cheshire       Dodd Middle School       Katie Kearney         5509       P8       The Irrigator- a sustainable solution for gardening         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Image: Comparison       <
5509       P8       The Irrigator- a sustainable solution for gardening         Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Vancy Barlow       Vancy Barlow         1025       LT       The Effect of Different Types of Grass on Soil Erosion       Grade 8       Town       Danbury         Student(s)       Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury
Student(s)       Olivia Dixon       Grade 8       Town       Cheshire         Danbury       Westside Middle School Academy       Nancy Barlow       Vancy Barlow </td
Danbury       Westside Middle School Academy       Nancy Barlow         1025       LT       The Effect of Different Types of Grass on Soil Erosion         Student(s)       Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury
Image: 1025       The Effect of Different Types of Grass on Soil Erosion         Student(s) Sayam Dand       Grade 8       Town       Danbury         Kylie Capone       Grade 8       Town       Danbury
Student(s) Sayam Dand     Grade 8     Town     Danbury       Kylie Capone     Grade 8     Town     Danbury
Kylie CaponeGrade 8TownDanbury
Ayme Calero Grade 8 Town danbury
Danbury Westside Middle School Academy Nancy Barlow
4007 PT The Effectiveness of Different Distillation Methods for Desalination
Student(s) Siddanth Ramakrishnan Grade 7 Town Danbury
Patrick Madden Grade 7 Town Danbury
Danbury Westside Middle School Academy Nancy Barlow
4012 PT Building a Versatile Air Sensor That Can Detect PM10 & PM2.5 in the Air
Student(s) Sarvesh Ram Sankarnarayan Grade 8 Town Danbury Gabrielle Anderson Grade 8 Town Danbury
Gabrielle AndersonGrade 8TownDanburyEleftherios AmperidisGrade 8TownDanbury, Ct
Darien Darien High School Christine Leventhal
6082       PS       Simulating CMB temperature signal to analyze the effects of noise         Student(s)       Bo-Jun Qin       Grade 12       Town         Darien

Darien Darien High School Guy Pratt	
6064 PS An Investigation of Stone Reusual Construction T Southwestern United States Based on Stone Leng	echniques Used in the Anasazi Community From 800-1200 AD In
Student(s) Evelyn Trudel	Grade 12 Town Darien
Ellington Ellington High School David Gerlach	
6074 PS Developing an Adaptable Metal Casting Mold Usin	
Student(s) Thomas Gerlach	Grade 9 Town Ellington
Enfield Chiaravalle Academy Tim Coleman	
4022 PT Using Solar to Generate Electricity.	
Student(s) Keenan Cieslak	Grade 8 Town Monson
Beau Dugas	Grade 8 Town Enfield
Michael Bielanski	Grade 8 Town Enfield
Enfield Chiaravalle Academy Timothy Coleman	
1026 LT How Does Different Types of Food Affect A Chick	s' Growth and Learning Ability?
Student(s) Zoha Shamsi	Grade 7 Town Suffield
Leah Caswell	Grade 7 Town Enfield
Marin Czerwiec	Grade 7 Town Agawam
Formington Formington Link Colored Alexandra Devenuet	
Farmington Farmington High School Alexandra Raymunt	Distance of the second Tax
6054 PS Steeping Towards Safety: Addressing Mycotoxin	
Student(s) Rhea Doshi	Grade 9 Town Farmington
Farmington Farmington High School Alexandra Raymunt	
Farmington         Farmington High School         Alexandra Raymunt           3511         LST         The impact of different levels of spf on the pigmer	ntation of one's skin
- · · · ·	ntation of one's skin Grade 11 Town Farmington
3511 LST The impact of different levels of spf on the pigmer	
3511 LST The impact of different levels of spf on the pigmer Student(s) Lauren Jeong Lydia Kim	Grade 11 Town Farmington
3511 LST The impact of different levels of spf on the pigmer Student(s) Lauren Jeong Lydia Kim	Grade 11 Town Farmington Grade 11 Town Farmington
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS         Origami-Inspired Paper-Based Multiplex Device for	Grade 11 Town Farmington Grade 11 Town Farmington
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu	Grade 11 Town Farmington Grade 11 Town Farmington or Water Contamination Monitoring
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt        6068     PS         Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez	Grade 11 Town Farmington Grade 11 Town Farmington or Water Contamination Monitoring Grade 11 Town Farmington
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt 6068         6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez 6015 PS Inertial Navigation Control System: Use of Reaction	Grade 11       Town       Farmington         Grade 11       Town       Farmington         or Water Contamination Monitoring       Grade 11       Town       Farmington         Or Water Contamination Monitoring       Grade 11       Town       Farmington         On Wheels as an in-flight Steering Mechanism for Rockets       Grade 11       Town       Farmington
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt        6068     PS         Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez	Grade 11 Town Farmington Grade 11 Town Farmington or Water Contamination Monitoring Grade 11 Town Farmington
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt 6068         6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez 6015 PS Inertial Navigation Control System: Use of Reaction	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         Or Water Contamination Monitoring       Grade       11       Town       Farmington         On Wheels as an in-flight Steering Mechanism for Rockets
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt 6068         6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez 6015 PS Inertial Navigation Control System: Use of Reaction Student(s) Thomas Armstrong	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         Or Water Contamination Monitoring       Grade       11       Town       Farmington         On Wheels as an in-flight Steering Mechanism for Rockets       Grade       11       Town       Greenwich
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez          6015       PS         Inertial Navigation Control System: Use of Reaction         Student(s)       Thomas Armstrong    Greenwich Brunswick School Dana Montanez	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         Or Water Contamination Monitoring       Grade       11       Town       Farmington         On Wheels as an in-flight Steering Mechanism for Rockets       Grade       11       Town       Greenwich
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez          6015       PS       Inertial Navigation Control System: Use of Reaction         Student(s)       Thomas Armstrong    Greenwich Brunswick School Dana Montanez          6522       PST	Grade 11       Town       Farmington         Grade 11       Town       Farmington         or Water Contamination Monitoring       Grade 11       Town       Farmington         Or Water Contamination Monitoring       Grade 11       Town       Farmington         On Wheels as an in-flight Steering Mechanism for Rockets       Grade 11       Town       Greenwich         gines and Boat Propellers       Grade 11       Town       Greenwich
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez          6015       PS       Inertial Navigation Control System: Use of Reaction         Student(s)       Thomas Armstrong    Greenwich Brunswick School Dana Montanez          6522       PST         The Efficiency of Toroidal Propellers on Plane Eng         Student(s)       Thomas Carney	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         on Wheels as an in-flight Steering Mechanism for Rockets       Grade       11       Town       Greenwich         gines and Boat Propellers       Grade       10       Town       New Canaan
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu         Greenwich       Brunswick School       Dana Montanez         6015       PS       Inertial Navigation Control System: Use of Reaction         Student(s)       Thomas Armstrong    Greenwich Brunswick School Dana Montanez          6522       PST       The Efficiency of Toroidal Propellers on Plane Eng         Student(s)       Thomas Carney         Pierce Crosby       Pierce Crosby	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         on Wheels as an in-flight Steering Mechanism for Rockets       Grade       11       Town       Greenwich         gines and Boat Propellers       Grade       10       Town       New Canaan       Grade       10       Town       Greenwich
3511       LST       The impact of different levels of spf on the pigmer         Student(s)       Lauren Jeong         Lydia Kim    Farmington Farmington High School Alexandra Raymunt          6068       PS       Origami-Inspired Paper-Based Multiplex Device for         Student(s)       Jiayi Liu    Greenwich Brunswick School Dana Montanez          6015       PS       Inertial Navigation Control System: Use of Reaction         Student(s)       Thomas Armstrong    Greenwich Brunswick School Dana Montanez          6522       PST         The Efficiency of Toroidal Propellers on Plane Eng         Student(s)       Thomas Carney         Pierce Crosby	Grade       11       Town       Farmington         Grade       11       Town       Farmington         or Water Contamination Monitoring       Grade       11       Town       Farmington         on Wheels as an in-flight Steering Mechanism for Rockets       Grade       11       Town       Greenwich         gines and Boat Propellers       Grade       10       Town       New Canaan         Grade       10       Town       Greenwich

[SchTown] [Proj#] [FCat]	[School] [Project Title	[Teacher] e]				
Greenwich Bru	nswick School	Dana Montanez				
6510 PST	Biodegradable	e Mylar: A Material	s Investigation to Redu	ce Marine Life Fatalit	ies.	
	Student(s)	Sean Mensi		Grade 9	Town	Katonah
		Lincoln O'Donoh	iue	Grade 10	Town	Old Greenwich
Greenwich Bru	nswick School	Dana Montanez				
6516 PST	Water Testing	with Ease: Creation	on of a handheld device	e for Water Analysis i	n Rece	ntly Flooded Areas.
	Student(s)	William Pallone		Grade 10	Town	Rye
		Townsend Banc	roft	Grade 10	Town	Greenwich
Greenwich Cer	ntral Middle Scl	hool Andrew Bra	mante			
5514 P8	The Synergist	tic Improvement of	Indoor Air HEPA-Filtrat	tion using Concurrent	t Dehun	nidification
	Student(s)	Mikah Kaalund		Grade 8	Town	Greenwich
Greenwich Cer	ntral Middle Scl	hool Andrew Bra	mante			
2507 L8	Modeling of F Ecosystems/E	airfield County Fre Environments	sh-water and Estuary V	Vaterways, to Highlig	ht Cont	amination of their
	Student(s)	Briar Lissauer		Grade 8	Town	Greenwich
Greenwich Cer	ntral Middle Scl	hool Andrew Bra	mante			
2516 L8	Development	of a Simple Saliva	ry Rapid Diagnostic for	the Detection of Iodi	ne Defic	ciencies
	Student(s)	Tyler Malkin		Grade <sup>8</sup>	Town	Greenwich
Greenwich Cer	ntral Middle Scl	hool Andrew Bra	mante			
5504 P8	Simple Filtrati	on of Fertilizer-ion	Water Contaminants vi	a Implementation of	Phosph	ate and Nitrate Absorbency Pads
	Student(s)	Caroline Stowe		Grade 8	Town	Greenwich
Greenwich Eas	tern Middle So	hool Andrew Bra	imante			
2501 L8	Design of a S	mart-Bandage to p	rovide lasting Itch-Relie	of and Healing for an	Insect E	Bite.
	Student(s)	Lily Bittman		Grade 8	Town	Greenwich
Greenwich Eas	tern Middle So	hool Andrew Bra	imante			
5502 P8	Shedding Ligl Foods.	nt on the Prevalend	ce of Harmful Butylated	Hydroxytoluene Pres	servativ	e in Artificially Formulated Dog
	Student(s)	Mackensey Wilse	on	Grade <sup>8</sup>	Town	Old Greenwich
Greenwich Gre	enwich Countr	y Day School Na	athan Haag			
3016 LS	Antidepressa	nt-response bioma	rkers in adolescents: a	confirmational study	using E	EG
	Student(s)	Solomon Hochm	an	Grade 12	Town	Riverside
Greenwich Gre	•	chool Andrew Br				
6053 PS	Reduced Carl Brushless DC		ion and Increased Ener	gy Efficiency Via a N	ewly-Do	esigned Superconductive Cryogenic
	Student(s)	Ishan Ambastha		Grade 11	Town	Riverside
Greenwich Gre	enwich High S	chool Andrew Br	amante			
3113 LS	Implementatio	on of a Multi-Objec	tive Genetic Algorithm t	o Optimize Resource		tion in Disease Prevention
	Student(s)	Isaac Bell		Grade 10	Town	Riverside

[ <mark>SchTown]</mark> [School] [Teacher] [Proj#] [FCat] [Project Title]	
Greenwich Greenwich High School Andrew Bramante	
3025 LS Sonic Repulsion of Purple Sea Urchins to Reduce Degra	adation of Nascent Nereocystis luetkeana Forests
Student(s) Owen Benison	Grade 11 Town riverside
Greenwich Greenwich High School Andrew Bramante	
6081 PS Genetic Engineering of Cryobacterium to Increase Silica Oceans	Content and Enhance the Glacial Albedo of Black Arctic
Student(s) Justin Bernstein	Grade 11 Town Greenwich
Greenwich Greenwich High School Andrew Bramante	
3122 LS Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Ph Luminescent Diagnostic	en, and Rhodamine-6G-Cinnamaldehyde, Dual-Sensor
Student(s) Lauren Huang	Grade 11 Town Old Greenwich
Greenwich Greenwich High School Andrew Bramante	
3071 LS Fabrication of a Europium-based Magnetic Nanosensor	for the Detection of D-Serine in Early-onset Alzheimers
Student(s) Ava Jackson	Grade 11 Town Old Greenwich
Greenwich Greenwich High School Andrew Bramante	
6058   PS   Detection of Nanoplastics within Complex Environmenta	I and Food Resource Matrices via Machine Learning
Student(s) Henry Jin	Grade 10 Town Greenwich
Greenwich Greenwich High School Andrew Bramante	
3003 LS Iron-Fortified Cornhusk Biochar Flocculation of Pondwat	er Phosphates, to Reduce Invasive Macrophyte Growth
Student(s) Neil Pendkar	Grade 9 Town Old Greenwich
Greenwich Greenwich High School Andrew Bramante	
3020 LS Oral Delivery of Anticoagulant Dabigatran via a Mg-Micr Ischemic Stroke Treatment	omotor Encapsulant Within a Gastric-Resistant Tablet for
Student(s) Lula Wang	Grade 9 Town Old Greenwich
Greenwich Greenwich High School Andrew Bramante	
6019 PS Reinforcement Learning Optimization of Placement of P Model	ublic Vehicle Charging Stations using a Novel Parking Deman
Student(s) Marley Wies	Grade 10 Town Old Greenwich
Hamden Hamden Hall Country Day School Daniel Cuneo	
3096 LS Edhelper: The Application of Artificial Intelligence in the	Aid of Neurodivergent Children
Student(s) Andrei Balas	Grade 10 Town Cheshire
Hamden Hamden Hall Country Day School Daniel Cuneo	
6512 PST Using Quantum-assisted Machine Learning in Maize Yie	ld Prediction through Environmental Patterns.
Student(s) Helena Chaine	Grade 11 Town Orange
Yue Zhuo	Grade 12 Town Hamden
Linda Chen	Grade 10 Town Woodbridge
Hamden Hamden Hall Country Day School Gina D'Angelo	
6025 PS Deep learning based drug response prediction algorithm drug combos.	about synergistic and antagonistic responses of cell lines and
Student(s) Jiahui Chen	Grade 11 Town New Haven

[ <mark>SchTown]</mark> [Proj#] [FCat]	[School] [Project Title]	[Teacher]					
Hamden Hamde	en Hall Country D	ay School	Sarrah Gavin				
3061 LS	The effect of def	orestation on	soil erosion at Sleepi	ng Giant Park			
	Student(s) Ka	aleb Fiore		Gra	<b>le</b> 10	Town	Southington, CT
Hamden Hamde	en Hall Country D	ay School	Frank Gasparro				
3017 LS	Effect of Hydrox Octinoxate to En			sdermal Diffusion	n and P		radation of Avobenzone and
	Student(s) So	ophia Vash		Gra	<b>le</b> 10	Town	Fairfield CT
Hamden Sacreo	d Heart Academy		•				
3117 LS	The Effect of So	und Pollution	on the Physical Beha	vior of Armadillic	ium Vul	-	
	Student(s) Da	anyella Lanc	he-Flores	Gra	<b>le</b> 12	Town	West Haven
Kent Kent Scho	ol Jesse Klinge	biel					
6032 PS	CardioXNet: Rep	presentation	Learning for Accurate	Cardiovascular [	Disease	Diagnos	sis from X-ray Images
	Student(s) Ji	won Hwang		Gra	<b>le</b> 10	Town	Kent
Manchester Ma	•	incidence of	ly Turek-Hernandez Beech Leaf Disease s	symptom severity	based	on overv	vintering nematode abundance in
	Student(s) Di	na Watson		Gra	<b>de</b> 12	Town	Manchester
Manchester Sai	int James School	Ellen Oei					
5017 P7	Crusty n' Rusty						
	Student(s) B	rendan Abba	amonte	Gra	<b>le</b> 7	Town	Vernon
Manchester Sai	int James School	Ellen Oei					
5007 P7	Affect of Color o	n Heat Absor	ption				
	Student(s) Sa	aanvi Sethi		Gra	<b>le</b> 7	Town	Manchester
Mansfield Edwi	n O Smith High S Why Does My N Connecticut Citie	eighborhood		n Yours? Geosp	atial Mo	deling o	f Urban Tree Cover Inequalities in
	Student(s) Hi	runi Withara	ina	Gra	<b>le</b> 10	Town	Storrs
Milford Platt Tee	chnical High Sch	ool Lori Gra	ace				
3502 LST	NatureCare Proj	ect					
	Student(s) Di	iogo Gauder	ncio	Gra	<b>le</b> 12	Town	bridgeport
	Ye	ossias Mulua	alem	Gra	<b>le</b> 12	Town	ansonia
	Μ	aritza Portill	0	Gra	<b>le</b> 12	Town	west haven
Montville Saint	Bernard School	Alexandros	Mathioudakis				
6011 PS	Making Football	Safer With T	he Smart Helmet				
	Student(s) Pa	almer Noe		Gra	<b>de</b> 10	Town	East Lyme
New Haven Eng	ineering and Sci	ence Univers	ity Magnet School F	Roger Rushworth			
3118 LS	Implementing the Contaminants in			cterial Filtration in	the En	hanced I	Degradation of Emerging
	Student(s) Sa	•		Gra	<b>le</b> 9	Town	Milford

New Haven Engineering and Science University Magnet School Ro	ger Rushworth		
3126 LS Advanced Hybrid Water Treatment Systems: A Comp Photocatalysis for Comprehensive Contaminant Rem	arative Study of Mem	brane F	iltration, Adsorption, and
Student(s) Saket Aliminate	Grade 10	Town	Milford
New Haven Engineering and Science University Magnet School Aly	vssa Anderson		
6052 PS Synthesis of Porous Polymer Sponge Matrix using M of Microplastics and Oil from Contaminated Water	odified Sodium Algina	te Clay (	Compound for Adsorptive Removal
Student(s) Snigtha Mohanraj	Grade 11	Town	Ansonia
New Haven Hopkins School Phillip Stewart			
6055 PS Profit from stock pricing			
Student(s) Christina Cao	Grade 11	Town	Trumbull
New Haven Sound School Charles Mulligan			
6511 PST Potential Impact of Watershed Runoff and Tidal Inun	dation on the Hydrolog	ic Profil	e of a Coastal March
Student(s) Cora FitzGerald	Grade 11	Town	Guilford
Tamzin Maines	Grade 11	Town	Old Saybrook
New Haven Worthington Hooker School Douglas Jones			
1020 LT Biodegradable Hydrogels: Improving our Agriculture's	s Sustainability		
Student(s) Sofia Janiga	Grade 8	Town	New Haven
Azalea Deener	Grade 8	-	New Haven
	Glade	Iown	New Haven
Newtown Newtown High School Timothy Dejulio		Iown	
Newtown Newtown High School Timothy Dejulio 3083 LS Using Sunscreen as a way to distribute Beneficial Mid			
		ls (BMC	
3083 LS Using Sunscreen as a way to distribute Beneficial Mid Student(s) Lydia Cox	croorganisms for Cora	ls (BMC	s)
3083 LS Using Sunscreen as a way to distribute Beneficial Mic Student(s) Lydia Cox	croorganisms for Cora <b>Grade</b> 11	ls (BMC Town	s) newtown
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni	croorganisms for Cora <b>Grade</b> 11	ls (BMC <b>Town</b> ming Pra	s) newtown
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture	croorganisms for Cora Grade 11 for Sustainable Garde	ls (BMC Town ening Pra Town	s) newtown actices
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11	ls (BMC Town ening Pra Town	s) newtown actices Norwich
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11	ls (BMC Town ening Pra Town	s) newtown actices Norwich
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11	ls (BMC Town ning Pra Town Town	s) newtown actices Norwich
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Stogo       LST         Renewable fuel using anaerobic digestion	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11	ls (BMC Town ming Pra Town Town	s) newtown actices Norwich New London
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Aleatha Pelloni         3509       LST         Renewable fuel using anaerobic digestion         Student(s)       Jasmine Coulombe         Tessa Lambert	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11	ls (BMC Town ming Pra Town Town	s) newtown actices Norwich New London Chaplin
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Aleatha Pelloni         3509       LST         Renewable fuel using anaerobic digestion         Student(s)       Jasmine Coulombe         Tessa Lambert	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 Grade 11	ls (BMC Town Town Town Town	s) newtown actices Norwich New London Chaplin Scotland
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Student(s)       Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School         Suzanne Edwards       6066         PS       A Mathematical Analysis of the Variables Impacting to	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 Grade 11	ls (BMC Town Town Town Town Town	s) newtown actices Norwich New London Chaplin Scotland
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Alegandra Cardona         Norwich       Norwich S Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School         Student(s)       Jasmine Edwards         6066       PS         A Mathematical Analysis of the Variables Impacting th         Kinetic to Mechanical to Electrical         Student(s)       Leah Kozerefski	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 Grade 11	ls (BMC Town Town Town Town Town	s) newtown actices Norwich New London Chaplin Scotland nes as the Energy Converts from
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Student(s)       Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School         Student(s)       Jasmine Coulombe         Tessa Lambert       Tessa Lambert         Norwich       Norwich Technical High School       Suzanne Edwards         6066       PS       A Mathematical Analysis of the Variables Impacting the Kinetic to Mechanical to Electrical         Student(s)       Leah Kozerefski	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 he Performance of Win Grade 9	ls (BMC Town Town Town Town Town Town	s) newtown actices Norwich New London Chaplin Scotland nes as the Energy Converts from Gilman
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Aleatha Pelloni         3509       LST         Renewable fuel using anaerobic digestion         Student(s)       Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School       Suzanne Edwards         6066       PS       A Mathematical Analysis of the Variables Impacting the Kinetic to Mechanical to Electrical         Student(s)       Leah Kozerefski         Redding       CT STEM Fair       Joyce Reed	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 he Performance of Win Grade 9	Is (BMC Town Town Town Town Town nd Turbi Town	s) newtown actices Norwich New London Chaplin Scotland nes as the Energy Converts from Gilman
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Aleatha Pelloni         3509       LST         Renewable fuel using anaerobic digestion         Student(s)       Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School       Suzanne Edwards         6066       PS       A Mathematical Analysis of the Variables Impacting th         Kinetic to Mechanical to Electrical       Student(s)       Leah Kozerefski         Redding       CT STEM Fair       Joyce Reed       3052       LS         3052       LS       Determining the Ability of Different Mosses and Plant         Stud	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 he Performance of Win Grade 9	Is (BMC Town Town Town Town Town nd Turbi Town	s) newtown actices Norwich New London Chaplin Scotland nes as the Energy Converts from Gilman
3083       LS       Using Sunscreen as a way to distribute Beneficial Mid         Student(s)       Lydia Cox         Norwich       Norwich Technical High School       Aleatha Pelloni         3526       LST       Cultivating Green Growth: Harnessing Electroculture         Student(s)       Sophia Caballero         Alejandra Cardona         Norwich       Norwich Technical High School         Alejandra Cardona         Norwich       Norwich Technical High School         Alegandra Cardona         Student(s)       Jasmine Coulombe         Tessa Lambert         Norwich       Norwich Technical High School         Student(s)       Jasmine Coulombe         Tessa Lambert       Tessa Lambert         Norwich       Norwich Technical High School       Suzanne Edwards         6066       PS       A Mathematical Analysis of the Variables Impacting the Kinetic to Mechanical to Electrical         Student(s)       Leah Kozerefski         Redding       CT STEM Fair       Joyce Reed         3052       LS       Determining the Ability of Different Mosses and Plant	croorganisms for Cora Grade 11 for Sustainable Garde Grade 11 Grade 11 Grade 11 he Performance of Wi Grade 9 s to Remove Algae Ca Grade 11	ls (BMC Town Town Town Town Mausing P Town	s) newtown actices Norwich New London Chaplin Scotland nes as the Energy Converts from Gilman hosphates and Nitrates From Wate New Canaan

[SchTown] [School] [Teacher] [Proj#] [FCat] [Project Title]	
Simsbury Westminster School Suzanne Bailey	
6043 PS Dual-Degree-of-Freedom Pneumatic Shoulder Rehabilitation	Device Based on Flexible Materials
Student(s) Meiyin Ren	Grade 11 Town Simsbury
South Windsor South Windsor High School Danel Eitel	
6501 PST The Use of Piezoelectric Technology for a more Efficient and	Cost-Effective Approach to Electronics Cooling
Student(s) Adithya Anand	Grade 11 Town South Windsor
Jason Thokchom	Grade 11 Town South Windsor
South Windsor South Windsor High School Danel Eitel	
3524 LST MushBox: In Situ Biodegradation of Municipal Solid Waste th	rough Mycoremediation via Mycelium and Cellulosic
Waste Integration	
Student(s) Samarth Basanth	Grade 10 Town South Windsor
Tejbir Litt	Grade 10 Town South Windsor
South Windsor South Windsor High School Joshua Kraus	
6035 PS A novel approach to a biomimetic undersea generator aided currents	by triboelectric nanogenerators to harness natural ocea
Student(s) Pranay Kakkar	Grade 11 Town South Windsor
South Windsor South Windsor High School Kevin Snyder	
6013 PS Scientific understanding of solar physics with image based ne	aural networks
Student(s) Pragyan Yadav	Grade 12 Town South Windsor
Southington Joseph A. Depaolo Middle School Halime Agirman	
2514 L8 Global Warming Management through Utilization of naturally Carbonate in Global Warming Reduction	occurring resources such as Eggshell-Derived Calcium
Student(s) Esra Agirman	Grade 8 Town Southington
Stamford King School Victoria Schulman	
6097 PS DETICKT IT: A Machine Learning-Based Application for Real Assessment	-Time Tick Identification and Spatiotemporal Disease R
Student(s) Antonia Kolb	Grade 12 Town New Canaan
Stamford King School Erik Rutyna	
6078 PS Utilizing Ground and Space-Based Sensors to Track Trajecto	ries of Vehicles/Dangerous Objects and Monitor Climat
Change/Environmental Issues	
Student(s) Ryan Wempen	Grade 12 Town Stamford
Stonington St. Michael School Anna-Helene Grossomanides	
5501 P8 Determining the Impact of pH on Seashell Dissolution	
Student(s) Addison Cadmus	Grade 8 Town Pawcatuck
Stonington St. Michael School Anna-Helene Grossomanides	
5008 P7 Expensive Fails or, Long Lasting Nails	Ounde 7 Tours Otominator
Student(s) Maeve Nicholas	Grade 7 Town Stonington
Stratford St. Mark School Alexander Kennedy	
2513 L8 Implicit Gender Bias	
Student(s) Julianne Gonzalez	Grade 8 Town Stratford

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Stratford St. Mark School Alexander Kennedy			
4020 PT Does Color Affect the Way taste is perceived?			
Student(s) Maeve McCloskey	Grade 7	Town	Stratford
Stella Testo	Grade 7	Town	Stratford
Trumbull Christian Heritage School Daniel Cote			
6102 PS Vision Through AI: Assisting the Visually Impaired By Bu			Duide en ent
Student(s) Daylin Jerome	Grade 11	Iown	Bridgeport
Trumbull Christian Heritage School Nicole Camacho			
2517 L8 Do Storm drains keep trash out of water ways?			
Student(s) Juliette Schwartz	Grade 8	Town	Shelton
Trumbull Christian Heritage School Daniel Cote			
6037 PS Text to Speech and Speech to Text App for the Hearing	Impaired		
Student(s) Noah Scrofani	Grade 11	Town	Trumbull
Wallingford Choate Rosemary Hall Jan Cook			
6051 PS Properties of Certain Quadrilaterals of Triangle Centers			
Student(s) Kay Yeon Lee	Grade 11	Town	Wallingford
Wallingford Choate Rosemary Hall Selena Gell			
6502 PST Construction of a Low-cost, Accurate Liquid Handling De	evice with 3D Printin	ng for Po	olymerase Chain Reaction
Student(s) Calvin Moon	Grade 12	Town	Wallingford
Jeffrey Moon	Grade 11	Town	Wallingford
Wallingford Choate Rosemary Hall Andrew Murgio			
6525   PST   AgriBotanical: An Intelligent Continuum-Maneuver Robo	t for Monitoring and	d Manag	ing Arboreal Wild Bee Colonies
Student(s) Jingyuan Zhang	Grade 11		Wallingford
Xiyin Yang	Grade 11		Wallingford
Waterbury ACES at Chase Lisa Debany			
1007 LT Creating Safe Sunscreens For Coral Reefs With The Be	st U.V. Protection.		
Student(s) Emily Ambrosini	Grade 7	Town	Watertown
Taylor Boscarino	Grade 7		Thomaston
Waterbury ACES at Chase Sandra Solimene			
5503 P8 The Bag that Saved the Homeless			
Student(s) Evaleise Diaz	Grade 8	Town	Meriden
Waterbury ACES at Chase Kelly Horan			
5005 P7 What Design of Mesh Water Filtration Device Most Effect	tively Removes Mi	croplasti	cs?
Student(s) Jacob Godfrey	Grade 7		Waterbury
Waterbury ACES at Chase Waterbury			
2511 L8 Leaf Light Chlorophyll light bulb			

Waterbury ACES at Chase Lisa Debany		
2005 L7 Reducing Lycorma delicatula, Lantern Fly, Infestation: Using Shortages.	g Essential Oils	to Address Crop Damage and Food
Student(s) Besjana Veliu	Grade 7	Town Waterbury
Westport Greens Farms Academy Mathieu Freeman		
5014 P7 Novel Radiation Shielding for Radiation Therapy and Arabic	dopsis on Mars	
Student(s) Dylan Karpf	Grade 7	Town Westport
Wilton Middlebrook School Nancy Wakeham		
5010 P7 Wireless Power Transfer - Future of Energy		
Student(s) Ishan Chugh	Grade 7	Town Wilton
Wilton Middlebrook School William Desroches		
1017 LT Beat The Peat - Rice Husk, The Sustainable And Eco-Frien	dly Alternative	to Peat Moss
Student(s) Kabir Rokkam	Grade 7	Town Wilton
Shushruth Balaji	Grade 7	Town Wilton
Wilton Wilton High School Matthew Hoyt		
3059 LS A Novel Al-Driven Approach for Tracking and Managing Inv	asive Plant Spe	ecies
Student(s) Shriya Natarajan	Grade 10	Town Wilton
Wilton Wilton High School Matthew Hoyt		
3065 LS The Influence of Natural and Man-Made Substrata on Intert	idal Community	Structure
Student(s) Nandan Raman	Grade 11	Town Wilton
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
6009 PS Reinforcing the Cybersecurity of Medical Data via Software Technology	Countermeasu	res against Malware in Heart Monitoring
Student(s) Sujay Chava	Grade 11	Town Ellington
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
6002 PS Integrating Piezoelectric Sensors and Photovoltaic Material	in an Artificial E	Energy-Harvesting Model Tree
Student(s) Laasya Chintapalli	Grade 11	Town Farmington
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
4019 PT Using Vortex Hydropower Turbines to Harvest Electrical En	ergy	
Student(s) Marcus Davis	Grade 8	Town Broad Brook
Dylan Gao	Grade 7	Town Coventry
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
3004 LS Therapeutic Potential of Antibody Drug Conjugates Targetir (TROP-2) On High Grade Serous Epithelial Ovarian Carcino	ng The Expression	ion of Trophoblast Cell-Surface Antigen 2
Student(s) Ana-Lois Davis	Grade 12	Town Broad Brook
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
3054 LS Optimizing Laterite Soil Microbial Fuel Cells for Community	-Centric Electric	ity Generation in Tropical Underdeveloped
Regions		

[SchTown] [School] [Teacher] [Proj#] [FCat] [Project Title]		
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
6079 PS Using Biomimicry to Harvest Energy from the Sinusoidal Mot	ion of an Eel	
Student(s) Vikram Haran	Grade 11 Town Ellington	
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
4011 PT Using Piezoelectric Sensors to Harvest Energy from Automo	bile Tires and the Road Surface	
Student(s) Palaniappan Manikandan	Grade 8 Town Ellington	
Duke Clottey	Grade 8 Town Hartford	
Windsor Academy of Aerospace and Engineering Michelle Bellinger		
4004 PT Integrating Pelton Turbines Into Industrial Pipes to Harvest E	nergy	
Student(s) Aaditya Sadhvani	Grade 8 Town Ellington	
Roshan Kumar	Grade 8 Town Ellington	
Windsor         Academy of Aerospace and Engineering         Michelle Bellinger           4001         PT         Combining Optical Wireless Communications (OWC) and Network	euromorphic Architecture for Large-Scale Comp	utations
Student(s) Rithvik Suren	Grade 8 Town Ellington	
Aarav Chevva	Grade 8 Town Ellington	
Windsor The Loomis Chaffee School Koby Osei-Mensah 6044 PS A Deep Semi-Supervised Domain Generalization Approach 1	or Enilentic Seizure Prediction using Electro Er	
Graphy (EEG)		cephalo
Graphy (EEG) Student(s) Sunwoo An	Grade 9 Town Seoul	cepnalo
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Student(s) Sunwoo An	Grade 9 Town Seoul	
Student(s)         Sunwoo An           Woodbridge         Amity Regional High School         Catherine Piscitelli           6010         PS         Creation of an Environment-Adaptive Reaction Algorithm Implementation	Grade 9 Town Seoul	
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Improvide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra	Grade 9 Town Seoul Demented on a Novel Smart Fluidic Servo Actu	
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imperovide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra	Grade 9 Town Seoul Delemented on a Novel Smart Fluidic Servo Actution Grade 12 Town Orange	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imported a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli	Grade 9 Town Seoul Delemented on a Novel Smart Fluidic Servo Actution Grade 12 Town Orange	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Impervide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber	Grade 9 Town Seoul Demented on a Novel Smart Fluidic Servo Actu tion Grade 12 Town Orange onal Fluid Dynamics to Implement Into General	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Impervide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber	Grade 9 Town Seoul Demented on a Novel Smart Fluidic Servo Actu- tion Grade 12 Town Orange Onal Fluid Dynamics to Implement Into General Grade 12 Town Woodbridge Bee Auditory Data to Trigger an Entomopathog	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imported a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber         Woodbridge       Amity Regional High School       Catherine Piscitelli         6503       PST       Development of a Novel Spray Mechanism Using Real-Time	Grade 9 Town Seoul Demented on a Novel Smart Fluidic Servo Actu- tion Grade 12 Town Orange Onal Fluid Dynamics to Implement Into General Grade 12 Town Woodbridge Bee Auditory Data to Trigger an Entomopathog	ator to
Student(s) Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imp Provide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber         Woodbridge       Amity Regional High School       Catherine Piscitelli         6503       PST       Development of a Novel Spray Mechanism Using Real-Time Fungal Miticide in Beehives to Control Varroa Destructor Infer	Grade 9 Town Seoul Delemented on a Novel Smart Fluidic Servo Actution Grade 12 Town Orange Delement Fluid Dynamics to Implement Into General Grade 12 Town Woodbridge Bee Auditory Data to Trigger an Entomopathogestations	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imporvide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber         Woodbridge       Amity Regional High School       Catherine Piscitelli         6503       PST       Development of a Novel Spray Mechanism Using Real-Time         Fungal Miticide in Beehives to Control Varroa Destructor Infer       Student(s)         Student(s)       Sophia Messina	Grade 9       Town Seoul         Delemented on a Novel Smart Fluidic Servo Actution         Grade 12       Town Orange         onal Fluid Dynamics to Implement Into General         Grade 12       Town Woodbridge         Bee Auditory Data to Trigger an Entomopathogestations         Grade 11       Town Woodbridge	ator to
Student(s)       Sunwoo An         Woodbridge       Amity Regional High School       Catherine Piscitelli         6010       PS       Creation of an Environment-Adaptive Reaction Algorithm Imporvide a Sense of Pseudo-Exproprioception and Exterocep         Student(s)       Aditi Bhattamishra         Woodbridge       Amity Regional High School       Catherine Piscitelli         6020       PS       Developing and Testing a Laminar Airfoil Utilizing Computati         Student(s)       Alejandro Huber         Woodbridge       Amity Regional High School       Catherine Piscitelli         6503       PST       Development of a Novel Spray Mechanism Using Real-Time         Fungal Miticide in Beehives to Control Varroa Destructor Infe       Student(s)         Student(s)       Sophia Messina         Nikhil Petrov       Nikhil Petrov	Grade 9       Town Seoul         Delemented on a Novel Smart Fluidic Servo Actuation         Grade 12       Town Orange         onal Fluid Dynamics to Implement Into General         Grade 12       Town Woodbridge         Bee Auditory Data to Trigger an Entomopathoge         Stations         Grade 11       Town Woodbridge         Grade 11       Town Woodbridge	ator to Aviation