

Project Category Name	Grade	Place	First Name	Last Name	School	Project #	Title of Project
Behavior/Social Science	7	1st	Maggie	Lapp	Penn Alexander School	106	Musical Mysteries
	7	2nd	Chloe	Westerfer	Shawmont Elementary School	110	Are people that are left handed better at writing in mirror writing than people that are right handed?
	8	3rd	David	Hamilton	C.W. HENRY	145	Do we eat with our eyes?
	7	HM	Estela	Nicolary	St. Francis Xavier School	115	Flipped Vision
	8	HM	Kathryn	Tereshka	Nazareth Academy Grade School	125	Eye Hear You! Which is Better: Audio Memory or Visual Memory
	8	HM	Alessandra	Liller	Wilson MS	137	Eye Witness Statements: Can They Really be Trusted?
	8	HM	Jordyn	Drummond	Northwood Academy Charter	126	Multitasking Minds
Behavior/Social Science	9	1st	Joey	Huang	Central High School	152	The Effects of Text- Messaging
	10	2nd	Christie	Campbell	Philadelphia Academy Charter High School	153	Leaning on Social Constructs
	10	3rd	Linara	Faiikova	Northeast High School	155	Do people take longer when someone is waiting?
	9	HM	Corin	Butts	Philadelphia High School for Girls	149	Does Foster Care Make or Break a Scholar
Behavior/Social Science	11	1st	Noelle	Goudy	Springside Chestnut Academy	164	Effects of Sleep Deprivation on Alpha and Beta Wave Production
	11	2nd	Jason	Large-Green	Philadelphia Academy Charter High School	161	Reward or Punishmen: Which is the Better Motivator?
	11	3rd	Dominique	Ballinger	Springside Chestnut Academy	165	The Effects of Videos on Human Physiological Changes
	11	HM	Kareema	Salaar	Frankin Learning Center	157	Schoolitis: the correlation between stress and time spent on schoolwork
Bio Chemistry	7	1st	Charlotte	Poehlmann	Penn Alexander School	204	Milk Matters
	8	2nd	Trish	Le	C.C.A. Baldi Middle School	208	Pesticides on Crickets
	8	3rd	Colin	Gao	Wilson MS	216	Turning Milk Into Plastic
	7	HM	Samuel	Friedman	Independence Charter School	202	Don't Cry Over Spoiled Milk
	8	HM	Adolfo	Orozco	Northwood Academy Charter	214	Egg-citiing Eggs
	8	HM	Christine	Powell	St. Francis Xavier School	215	The Potential of the Peppermint
Bio Chemistry	9	1st	Amanda	Hamid	Julia R. Masterman	226	Biofabrication with Breast Cancer Cells
	10	2nd	Maura	Aliprando	Central High School	228	The effect of deoxygenation on blood flow in sickle and non-sickle blood
	9	3rd	Michael	Kates	Philadelphia Academy Charter High School	224	Spinach is not just green
	9	HM	Benjamin	Seing	Science Leadership Academy	227	Hydroponics
Bio Chemistry	11	1st	Humna	Chaudhry	Central High School	243	The Effects of SoyLent on Drosophila Development and Fertility
	12	2nd	Ashish	Dahal	Central High School	246	Elucidating the role of the epigenetic modifier ubiquitin specific peptidase 22 (USP22) in the cytoplasm.
	11	3rd	Hannah	Clarke	Springside Chestnut Academy	241	Titration Study on the Effect of UV Radiation on Glutathione
	11	HM	Wilson	Jones	SCH Academy	240	The Effects of Capsaicin Levels in Hot Sauce on Human Salivation
	11	HM	Xue Yao	Zou	Central High School	244	Are the beneficial effects of exercise after spinal cord injury dependent upon mTOR?
	11	HM	Joel	Koshy	George Washington High School	245	Recruitment analysis of retrovirus proteins to a CMV promoter regulated transcription site
Botany	8	1st	Neel	Patel	C.C.A. Baldi Middle School	314	Organic vs. Inorganic: Which Fertilizer is Better?
	8	2nd	Lauren	Check	Philadelphia Academy Charter High School	327	The effect on aspirin on sunflower plants
	8	3rd	Olivia	Squillante	St. Mary Interparochial School	325	The Effects of Microwaved Water on Plant Growth
	7	HM	Taylor	Minix	St. Francis Xavier School	305	What water temperature is best for plants?
	8	HM	Lena	Oevn	Folks Arts Cultural Treasures Charter	315	Liquid affect on plant's height
	8	HM	Naaz	Seawright	Spring Garden	322	Reviving a Carrot
Botany	9	1st	Imara	Honay	Philadelphia High School for Girls	339	Can you plant a garden without soil

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	10	2nd	Ifeoluwa	Ashiru	Carver Engineering and Science	337	Can aspirin have an effect on a plant
Botany	11	1st	Ruiming	Wu	Springside Chestnut Academy	346	Plant Growth and the Concentration of Soap Solutions
	11	2nd	Yulong	He	Springside Chestnut Academy	344	DETERMINING THE ACCURACY OF FOODS LABELED GMO FREE
	11	3rd	Abigail	Graham	Temple University Math Science Upward Bound	347	Electrolytes Take Plants to New Heights
	11	HM	Adilah	Anwar	Philadelphia High School for Girls	343	The Soil's Lost it's Minerals!
Chemistry	8	1st	Jacqueline	Coval	St. Mary Interparochial School	428	Got Milk?
	8	2nd	Paulina	Dnistranska	C.C.A. Baldi Middle School	417	Burning Calories: How Much Energy is Stored in Different Types of Food?
	8	3rd	Donald	Moses	Bregy School	415	salty eggs
	8	HM	Allen	Lei	Wilson MS	431	Diminishing Liquids
	8	HM	Tracy	Vuong	Wilson MS	432	Measure of the Surface Tension of Water
Chemistry	10	1st	Jarin	Akther	Phila High School for Girls	446	D I Y Bubbles!
	9	2nd	Aaron	Joseph	George Washington High School	441	Does the Cooking Method of Vegetables Affect the Amount of Vitamin C?
	10	3rd	Asawir	Abdelgadir	Northeast High School	444	controlling crystalization
	9	HM	Komal	Patel	Northeast High School	443	Ready,Set,Dissolve! Generic vs Brand
Chemistry	12	1st	Forest	Platzer	Central High School	466	Comparative Study of Bamboo and Reed as a Biofuel Feedstock.
	11	2nd	Huixin	Pan	Springside Chestnut Academy	459	How Do The Levels of Nitrate and Nitrite Change in Vegetables Overnight?
	11	3rd	Alexandra	Funk	Philadelphia Academy Charter High School	455	I See the Light
	11	HM	Destiny	Torres	Philadelphia Academy Charter High School	458	Effectiveness of Evidence
	11	HM	Joia	McGivern	Springside Chestnut Academy	460	Testing the Effects of Lacto-Fermentation on Gluten Levels
	12	HM	Xu	Lin	Central High School	465	Computers and Molecules
Computer Science	7	1st	Joseph	Seagal	C.C.A. Baldi Middle School	500	Web on Mobile Devices
	7	2nd	Kyle	Leong	McCall Elementary School	502	N3RDS WORK
	7	3rd	Antonio	Cima	St. Mary Interparochial School	513	What Materials Can Block a Wifi Signal?
	7	HM	Melina	Reyes	Northwood Academy Charter	506	Gaming vs. Studying: Can Gaming Help You Score Better in School?
Computer Science	10	1st	Hyunji	Kim	Germantown Friends School	525	Operator-Independent Tumor Volume Measurement on MRI Images
	9	2nd	Amirah	Mujahid	Philadelphia high School for Girls	524	Goals Lab
Computer Science	11	1st	Franklin	Okpala	Frankford High	526	Analysis of Keratin Protein using BLAST (Basic Local Alignment Search Tool)
	12	2nd	Brian	Mata	Central High School	519	Solving the Infinity Loop
Consumer Science	8	1st	Dmitrii	Gradinari	C.C.A. Baldi Middle School	1507	Do Slow-Release Fertilizers Win the Race?
	8	2nd	Ricshawan	Walker	West Oak Lane Charter School	1509	Coca Cola vs.Pepsi
	7	3rd	Sikai	Zheng	McCall Elementary School	1500	Liquid Power: Gatorade vs. Orange Juice
	7	HM	Henry	McDaniel	Penn Alexander School	1501	May I Take Your Order?
	8	HM	Malachi	Linen	Bregy School	1511	Which Diaper Brand holds the most water?
Earth & Space Science	7	1st	Prem	Modi	C.C.A. Baldi Middle School	600	Hydroponics: Gardening without Soil
	8	2nd	Doreen	Valmyr	Wilson MS	623	Landslides: What Causes Rocks to Slide Down a Slope?
	8	3rd	Francesco	Milano	St. Mary Interparochial School	620	Microwaved M&Ms

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	7	HM	Summit	Li	McCall Elementary School	601	How Salty does the Water have to be for an Egg to Float?
	7	HM	Reil	Abashera	Penn Alexander School	604	Soil Erosion
	8	HM	Brice	Ransom	Cook-Wissahickon School	641	water Hardness
Earth & Space Science	9	1st	Jeremiah	Martin	Central High School	632	Can Indoor Houseplants Reduce Levels of Indoor Air Pollutants Such as Ozone and Formaldehyde?
	10	2nd	Ahmad	Ibrahim	Temple University Math Science Upward Bound	635	The Effects of Different Fertilizers
	9	HM	Jasmine	Khann	Philadelphia high School for Girls	630	Earth / Space Science - Why Doesn't the Ocean Freeze
Earth & Space Science	11	1st	Alivia	Villari	Springside Chestnut Academy	638	Alterations to Martian Soil In Order to Cultivate Human Food
	11	2nd	Saviona	Whack	Temple University Math Science Upward Bound	640	Plant Food or Planet Poison?
	11	3rd	Marie	Jean-Marie	Temple University Math Science Upward Bound	639	The Effect of Grey Water on Plant Growth
Engineering	7	1st	Matthew	Nguyen	Our Lady of Hope	713	Which airfoil will be the most efficient?
	8	2nd	Mallik	Byrd	Vare Middle School	722	Remote Control Car
	8	3rd	Eda	Dervishi	C.C.A. Baldi Middle School	724	C
	7	HM	Klejdis	Kaja	C.C.A. Baldi Middle School	704	Cleaning Up Oil Spills with Nanotechnology
	7	HM	Joseph	Leedy	Penn Alexander School	715	Angle v. Output
	8	HM	Navin	George	Greenberg Elementary	726	What Materials block Wi-Fi signal?
	8	HM	Shereef	Gilliam	Spring Garden	732	Potato Power
Engineering	10	1st	Sarah	Johnson	Wise and Pure Senior High	749	Frio Freeze
	10	2nd	Jamal	Hampton	Science Leadership Academy	747	Thickness of affection
	9	3rd	Cindy	Chau	Philadelphia High School for Girls	739	Just the flick of your wrist
	10	HM	Anthony	Carmona	Frankford High	743	Light and Algae Photobioreactor
	10	HM	Jada	Peters	Carver Engineering and Science	742	Heart Monitor- Homemade vs. Regular
Engineering	11	1st	Christina	Foley	Philadelphia Academy Charter High School	754	Pitch Perfect: Optimizing Wind Energy
	11	2nd	Christian	Albert	Philadelphia Academy Charter High School	753	Steam: an Economical, Sustainable, Source of Energy
	11	3rd	Jazmin	Brockman	Temple University Math Science Upward Bound	755	Roller Coasters: Speed & Amusement
	11	HM	Imran	Ahmadzai	Philadelphia Academy Charter High School	752	Fire V.S. Wood
Environmental Science	7	1st	Krish	Chawla	St. Mary Interparochial School	814	Control Energy
	7	2nd	Matthew	Becker	McCall Elementary School	809	Greywater Recycling-Can Used Water Grow Healthy Plants?
	8	3rd	Job	Samuel	C.C.A. Baldi Middle School	818	Roundup vs Plants: Concentrations or Surface Area
	8	HM	Zachary	Rapp	C.C.A. Baldi Middle School	817	Break it Down
	8	HM	Annalisa	Quinn	Philadelphia Academy Charter High School	823	What solvent does it take to dissolve a Kimberly Clark "flushable wipe"?
Environmental Science	9	1st	Beka	Kalandadze	Central High School	830	Ocean Acidification, a study of the future
	9	2nd	Tiana	Whitfield	Philadelphia High School for Girls	835	Bioplastic
	10	3rd	Gail	Sloh	George Washington High School	843	Looking Downstream: Could Nanosilver in Consumer Products Affect Pond Life?
	9	HM	Melanie	Kaminsky	George Washington High School	832	Saving America's Soil: The Underground Invasion
	9	HM	Nile	Ward	Science Leadership Academy	836	Can Keeping your old car longer reduce your carbon footprint versus buying new cars every five years?
	10	HM	Meccala	Akbar	Carver Engineering and Science	837	Sewage Algae
Environmental Science	11	1st	Rekha	Dhillon-Richardson	Springside Chestnut Academy	850	Impacts of Idling, Carbon Monoxide and Sulfur Dioxide Emissions on Student Health

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	11	2nd	Celine	Yu	Central High School	847	Investigating Urban Air Pollution
	11	3rd	Eliza	Brody	Springside Chestnut Academy	849	The Effect of Ultraviolet Radiation on the Fermentation and Growth Rates of Yeast
	11	HM	Tyzhae	Smith	Carver Engineering and Science	846	Green Gold
	11	HM	Joseph	Conlin	Springside Chestnut Academy	851	Effect of Acid Rain Pollution on the Growth of Algae
	12	HM	Benjamin	Greeley	Central High School	853	Impact of zebra mussels on western Massachusetts
Mathematics	7	1st	Sandy	Li	McCall Elementary School	900	Who Uses it Better? Adult vs. Child
	8	2nd	Sam	Huynh	Wilson MS	905	An Experiment On Physics And Mathematics
	7	3rd	Owen	Zhou	Wilson MS	903	Slinking Slinkies
Mathematics	10	1st	Srisa	Changolkar	Julia R. Masterman	911	Statistical Predictive Modeling of Adverse Events Associated with Cancer Drugs from FDA Database
	9	2nd	Ao	Wang	Central High School	907	GOLDen Ratio in Philly Homes
	9	3rd	Sierra	Gozzi	C.C.A. Baldi Middle School	910	Softball Pitching
Mathematics	11	1st	Jorgji	Ndrecka	Northeast High School	914	Statistical analysis of the preguency of colors and m&m in a bags
	12	2nd	Malvin	Prifti	Central High School	916	Cryptocurrencies and Hashing Algorithms
	11	3rd	Joshua	Pagan	Frankford High	913	Hardy Weinberg Mathematical Model
Medicine and Health	8	1st	Kellilyn	Wissman	Philadelphia Academy Charter High School	1014	Which brand of disinfecting kills the most bacteria?
	8	2nd	Joshua	Delbuono-Crawford	Philadelphia Academy Charter High School	1025	What is the best food substance that slows the growth of bacteria?
	8	3rd	Nicole	Mathew	C.C.A. Baldi Middle School	1011	Healthy Green Eater!
	7	HM	Juby	Benny	C.C.A. Baldi Middle School	1000	The Effect of OTC Cough Medicine on Daphnia
	8	HM	Liam	Fuller	Penn Alexander School	1019	Bloodsugar vs Activity
Medicine and Health	10	1st	Abraham	Ashish	Central High School	1036	The Role of Pancreatic Extracellular Matrix in Cancer
	10	2nd	Diana	Ngyuen	Philadelphia Academy Charter High School	1038	"Music In Your Blood"
	10	3rd	Amandeep	Kaur	Northeast High School	1037	Drug Solubility
	10	HM	Deja	Collazo	Excel Academy North	1030	"Can you Taste It?"
Medicine and Health	12	1st	Caspar	Nguyen	Central High School	1051	Cognitive Impairment on Motor/Tracking Performance Post-Stroke
	12	2nd	Jasmin	Koshy	Northeast High School	1053	Do Antioxidants Really Keep You Healthy?
	11	3rd	Darien	Branche	Philadelphia High School for Girls	1044	The effects of sugar and sugar substitutes on planarian worms
	11	HM	Sierra	Lewis	Philadelphia Academy Charter High School	1043	Blood Sugar and Exercise
	11	HM	Annabel	Grove	SCH Academy	1045	The Effect of Gender and Exercise on Learning
	11	HM	Mason	Rode	Springside Chestnut Academy	1047	Visual Acuity Based On Eye Color
Microbiology	8	1st	Andrei	Birladeanu	C.C.A. Baldi Middle School	1113	Daphnia and Water Toxicity
	8	2nd	Sylvia	Cho	Penn Alexander School	1120	Organic Vs. Conventional
	7	3rd	Emily	Maiorano	McCall Elementary School	1103	Yeast Metabolism in Anaerobic and Aerobic Environments
Microbiology	9	1st	Joshua	Kouassi	Carver Engineering and Science	1123	One in a Million
	10	2nd	Joanna	Myrtaj	Philadelphia Academy Charter High School	1133	Soaking Up the Sun
	10	3rd	Nhi	Nguyen	Philadelphia Academy Charter High School	1132	DNA: Volume vs. Components
	9	HM	Ami	Shah	Northeast High School	1125	Antibiotic Resistance

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Microbiology	10	HM	Silvani	Amin	Northeast High School	1131	Do Different Dilutions of Disinfectants Affect the Development of Bacterial Resistance?
	10	HM	Hannah	Adighije	Temple University Math Science Upward Bound	1134	Splish Splash Strawberries
	10	HM	Zita-Marietta	Tchito-Tchato	Temple University Math Science Upward Bound	1135	Would Washing Strawberries in Aloe Vera Protect it from Mold?
	11	1st	Jude	Dartey	Central High School	1138	Does Selection for Triple Antibiotic Resistance Lead to Higher Mutation Rates in E.coli Populations?
	11	2nd	Lisa	Zhao	Springside Chestnut Academy	1143	Biofuel Fermenters
Physics	11	3rd	May	Naish	Springside Chestnut Academy	1142	The Effect of Surface and Food Type on Bacteria Accumulation
	11	HM	Siawale	Vesslee	Temple University Math Science Upward Bound	1144	Yeast Busters!
	11	HM	Darius	Abrams	Carver Engineering and Science	1145	Algae Power
	8	1st	Aryan	Azime	C.C.A. Baldi Middle School	1228	Measuring the Speed of Light
	7	2nd	Kevin	Giddings	Penn Alexander School	1213	Gauss Rifle
Physics	8	3rd	Adam	Discher	Penn Alexander School	1236	Investigating Insulators
	7	HM	Louis	Dong	McCall Elementary School	1209	At what Diameter does a aluminum ball float or sink?
	7	HM	Max	Keer	St. Mary Interparochial School	1219	Magnets in Motion
	8	HM	Lingarbel	Brempong	Austin Meehan Middle School	1227	Balancing Act
	8	HM	Cynthia	Quan	Folks Arts Cultural Treasures Charter	1231	The affects of sound.
	8	HM	Hana	Lampson	Penn Alexander School	1237	Projectile Motion
	8	HM	Kaya	Trefz	McCall Elementary School	1233	Distance On Sound:Can You Hear Me?
	8	HM	Yuheng	Liu	Wilson MS	1241	Measuring The Speed of Light With A Microwave
	8	HM	Michael	Carey	Austin Meehan Middle School	1252	How High
	Physics	10	1st	Sebastian	Moreno	Philadelphia Academy Charter High School	1251
9		2nd	Lauryn	Watson	Philadelphia High School for Girls	1250	Paper Towel Battery
9		HM	Lubna	Khan	Philadelphia High School for Girls	1249	Potatoes vs. Lemons
Physics	11	1st	Ricardo	Vargas	Mariana Bracetti Academy Charter School	1254	My Water Just Broke: Exploring the Surface Tension of Water
	11	2nd	Joanna	Vasiu	Philadelphia Academy Charter High School	1256	Bernoulli's Principle
	11	3rd	Chris	Vokes	Philadelphia Academy Charter High School	1257	Aerodynamics of Ultimate Frisbee
Zoology	8	1st	Andrew	Mullen	C.C.A. Baldi Middle School	1308	The Best Habitat for Crayfish is...
	7	2nd	Phoebe	You	McCall Elementary School	1304	The Most Favorite Food Flavor Award Goes To.....
	8	3rd	Sofia	Cieri	St. Mary Interparochial School	1313	What Are You Blubbering About?
	8	HM	Matthew	Henon	Philadelphia Academy Charter High School	1309	Will Magnets Affect the Reproduction of Planaria
Zoology	10	1st	Morgan	Flynn	Philadelphia Academy Charter High School	1324	Evolutionary Trees and You
	10	2nd	Justin	James	George Washington High School	1322	Effects of Melatonin on the Heart Rate of Daphnia magna
	9	3rd	Catherine	Raspanti	Girard Academic Music Program	1320	Give Me a Paw: Do Canines Have a Paw Preference?
	9	HM	Evans	Iyannah-Jaylin	Philadelphia High School for Girls	1317	Effects of Water Polution
Zoology	12	1st	Jaspreet	Bains	Northeast High School	1338	How Time of Day Effects the Population of Zooplankton
	11	2nd	Sophia	Haegley	Springside Chestnut Hill Academy	1330	A STUDY OF EFFECTS OF COLOR AND SUCROSE CONCENTRATIONS ON THE FEEDING HABIS OF V.CARDUI
	11	3rd	Deanna	Long	Temple University Math Science Upward Bound	1334	Ultraviolet Butterflies
	12	HM	Christina	Varghese	Central High School	1335	Effect of Fertility Supplements on the Fertility of Drosophila

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Team Project	8	1st	Jessica	Lip	Universal Creighton Charter School	1410	The Disappearing Act
	8	1st	Ivy	Wen	Universal Creighton Charter School	1410	The Disappearing Act
	8	2nd	Lisa	Kien	Sharswood	1408	Can gum chewing improve test scores?
	8	2nd	Judy	Luong	Sharswood	1408	Can gum chewing improve test scores?
	8	3rd	Aileen	Wu	Folks Arts Cultural Treasures Charter	1403	The effects of salt and ice
Team Project	8	3rd	Joan	Zheng	Folks Arts Cultural Treasures Charter	1403	The effects of salt and ice
	7	HM	Nuala	Cowen	St. Peter's School	1414	Do cats and dogs have dominant paws?
	7	HM	Ami	Klinghoffer	St. Peter's School	1414	Do cats and dogs have dominant paws?
	7	HM	Valentino Mikeal	Mikael	J.S Jenks Academy of the Arts and Sciences	1417	How to build a hovercraft
	7	HM	Eli	Zickler	J.S Jenks Academy of the Arts and Sciences	1417	"How to Build a Hovercraft"
	8	HM	Tahiraj	Arter	Sankofa Freedom Academy Charter	1407	Inside Out
	8	HM	Jeremiah	Butler	Sankofa Freedom Academy Charter	1407	Inside Out
	8	HM	Asad	Peterson	Sankofa Freedom Academy Charter	1407	Inside Out
Team Project	9	1st	Tamia	DeSeignoria	Philadelphia High School for Girls	1406	Is there more bacteria on a fresh ,or mummified apple?!
	9	1st	Shakyah	Young	Philadelphia High School for Girls	1406	Which has less bacteria apple or apple mummy,?
	10	2nd	Elise	Jalal	Northeast High School	1405	M and M
	10	2nd	Merin	George	Northeast High School	1405	M and M
Team Project	10	2nd	Princy	Prasad	Northeast High School	1405	M and M
	9	3rd	Chloe	Hart	Science Leadership Academy	1416	How wheel material affects how far a car goes?
	9	3rd	Andrew	Rodebaugh	Science Leadership Academy	1416	How wheel material affects how far a car goes.
	9	HM	Tinhinane	Chouane	Franklin Learning Center	1402	Gram staining
Team Project	10	HM	Fatoumata	Diarra	Franklin Learning Center	1402	Gram staining
	10	HM	Lallamint	Maiga	Franklin Learning Center	1402	Gram staining
	10	HM	Lallamint	Maiga	Franklin Learning Center	1402	Gram staining
Team Project	12	1st	Jesus	Davaloz	Carver Engineering and Science	1400	Design of a Low-cost Prosthetic Device
	12	1st	Marcus	Seauright	Carver Engineering and Science	1400	Design of a Low-Cost Prosthetic Arm
	12	1st	Kai	Tinsley	Carver Engineering and Science	1400	Design of a low-East Prosthetic Arm
	11	2nd	Gabby	Dunning	Springside Chestnut Academy	1409	The Effect of Estrogen Based Birth Control on Algae and Fast Plant Growth
	11	2nd	Anya Jaye	Lesser	Springside Chestnut Academy	1409	The Effect of Estrogen Based Birth Control on Algae and Fast Plant Growth
	11	2nd	Madeleine	Stahlecker	Springside Chestnut Academy	1409	The Effect of Estrogen Based Birth Control and Algae and Fast Plant Growth
	11	3rd	Jessica	Ha	Julia R. Masterman	1404	Disrupting the Circadian Clock
	11	3rd	Elaine	Nguyen	Julia R. Masterman	1404	Disrupting the Circadian Clock
	11	HM	Nadiya	Doumbia	Franklin Learning Center	1415	What's Brewing? The Correlation Between Caffeine and Lack of Sleep in One High School
	11	HM	Nixa	Soto	Franklin Learning Center	1415	What's Brewing? The Correlation Between Caffeine and Lack of Sleep in One High School

*Best of Fair