

#	Title	Authors with affiliation and country
1570619823	Utilizing Different Types of Synthetic Fabrics as a Cement Reinforcement for Concrete Tile Roofing	Blessed Isaac C Conde and Daniel Jerlan S Coladilla (La Salle Green Hills, Philippines)
1570622438	Efficiency of organic deodorizer in removing foul smell in shoes	Ben Angelo P. Sebastian (La Salle Green Hills, Philippines); Alejandro Jose C. Javier, N. a. (La Salle Green Hills, Philippines); Ryan Andre Mari Flores Chua and Byron Miguel De Guzman Traje (La Salle Green Hills, Philippines)
1570622461	The Utilization of the Feynman Technique in Paired Team Teaching Towards Enhancing Grade 10 ANHS Students' Academic Achievement in Science	Ronnel Ian A. Ambion, Rainier Santi C. De Leon, Alfonso Pio Angelo R. Mendoza and Reinier M. Navarro (La Salle Green Hills, Philippines)
1570624827	Edison High School iSTEM Club: A Model for Educational Excellence in STEM	Sunrit Panda, Aditi Deshmukh, Gunjan Adya and Ali Ahmed (Edison High School & iSTEM Club, USA)
1570627318	Who knows more about germs? Adults or first graders?	Rehaam Siddiqui (Pillars Preparatory Academy, USA)
1570627579	An Optimization of Computational Resources Allocation for Multi-MEC and Cloud Networks	Ally Y Du (The High School Affiliated to Renmin University of China, China)
1570628366	Developing an Efficient Remotely-Operated Vehicle to Address Current Marine Issues	Mia Ladolcetta, Suhani Balachandran and Nishtha Dandriyal (Rogue Robotics, USA); Nivedha Srinivasan (nonE, USA)
1570628439	Relationship between Musical Scale, Cello String Length, and Math	Neo Cheng (Clarksville Elementary School, USA)
1570628462	Object Recognition using TensorFlow	Nahuel E Albayrak (Chesapeake Science Point High School, USA)
1570629690	Rapid and Novel Thickness Identification Methodology For Two-Dimensional MoS <sub>2</sub> and In <sub>2</sub> Se <sub>3</sub> Nanosheets Using Optical Microscopy	Darren Y Wu (Charter School of Wilmington, USA); Tingyi Gu (Columbia University, USA)
1570629890	Study of sample efficiency improvements for reinforcement learning algorithms	Tianyue Cao (Princeton International School of Mathematics and Science, USA)
1570630310	A Futuristic Kitchen Assistant - Powered by Artificial Intelligence and Robotics	Riya J. Roy (Ridge High School, USA)
1570630641	Development of stock correlation networks	Lixin Huang (Princeton International School of Mathematics and Science, USA)
1570630986	Uncovering the Genetics behind Alzheimer's Disease and Sleep: A Co-expression and Evolutionary Analysis	Sihan Fei (Princeton International School of Mathematics and Science, USA); Zeqing Li (Princeton International School of Math and Science, USA)

1570631015	Developing a Respiration Sensor for Babies	Ingrid J. Cruz (Oxon Hill Middle School & Southern University, USA); Michelle Soriano, Sarah Christie, Jazlyne Pichinte and Peter Chura-Borda (Oxon Hill Middle School, USA)
1570631041	Aerogel Composites: Historical and Novel Synthesis Methods and Applications	Michael Chen (Hillsborough High School, USA); Varun Deb (Hillsborough High School); Rohan Deb (Hillsborough High School, USA)
1570631047	Case Study of Asymmetries in Polar Rain Aurora	Dennis M Herschbach (Reservoir HS, USA); Yongliang Zhang (Johns Hopkins University Applied Physics Laboratory, USA)
1570631151	Nanoservice Infrastructure Notation (NINo) and the ASPIRE Interns	Chancellor T. Pascale (Johns Hopkins University & JHU APL, USA); Maria Rice (W. T. Woodson High School, USA); Shiva Sharma (Hammond High School, USA)
1570631225	Development of a System of Cerium(IV) Oxide Nanoparticles In Maximizing its Antioxidant Ability	Ziqi Jiao (Princeton Int'l School of Maths & Science, USA)
1570631244	Effect of Roundup on Planarian Locomotion	Neelofar F Tamboli (Princeton International School of Mathematics and Science, USA)
1570631247	Catalytic Ability of Ag-coated Ferromagnetic Microspheres Functionalized by TiO <sub>2</sub>	Qiyang Zhou (PRISMS, USA)
1570631258	Quality Control of Brand Name Aspirin drug and Generic Aspirin drug	Jiale Lu (Princeton International School of Mathematics and Science, USA)
1570632059	Abstract of Kelvin Water Dropper	Edward Rossi Banfe (Princeton High School & Engineering Projects In Community Service, USA)
1570632071	Magnet Dynamo - Princeton University EPICs	Hugo Kim (Princeton University EPICS, USA)
1570632081	Demonstrating Lorentz Transformation Using Computer Simulation	Saniya Nagali (Allentown High School, USA); Anisha Iyer (Princeton High School, USA); Vanisha Nagali (Allentown High School)
1570632222	Best Predictors for Major Food Allergy Reactions Abstract	Will R Morrison (Princeton High School, USA)
1570632238	Understanding Platonic Solids: Turning a Polygon into a 3 Dimensional Object	Sowmya Natarajan (Whittle School and Studios, USA)
1570632246	What Effects Do Ultra Violet Rays Have on Yeast Colony Growth	Roshan S Natarajan (Whittle School and Studios, USA)
1570632289	Homopolar Motor	Tvisha Bhanushali (Hillsborough Middle School, USA)

1570632380 How STEM can help save lives in Tsunami prone areas	Joshua Tewolde (Grand Bland West Middle School, USA); Girma Tewolde (Kettering University, USA)
1570632885 Defending Convolutional Neural Network-Based Object Detectors Against Adversarial Attacks	Victor Hu (Watchung Hills Regional High School, USA); Jeffrey Cheng (Bridgewater Raritan Regional High School, USA)
1570633092 Object Recognition Using TensorFlow	Nahuel E Albayrak (Chesapeake Science Point High School, USA)
1570633767 Using properties of electromagnetism to construct speakers from paper cups	Anisha Iyer (Princeton High School, USA)
1570633769 Levitating a graphite rod using the camelback effect	Anisha Iyer (Princeton High School, USA)