

Student Name (grade, school)	Project Title	Awards
Varun Nathan (11, Memorial)	3D Printed Foam Structures for Safer High School Football Helmets	Grand Award First Place PSS Category First Place <ul style="list-style-type: none"> ASM Materials Education Foundation Award
Aryan Kalluvila (11, Hartford)	An Accurate Super-Resolution Approach to Low-Field MRI via U-Net Network	Grand Award Second Place PSS Category Second Place <ul style="list-style-type: none"> Mu Alpha Theta Award
Hunter Stephenson (12, Country Day)	How does the ability of calcium alginate bind to encapsulate lactase change at increasing temperatures?	Grand Award Third Place BCS Category Third Place <ul style="list-style-type: none"> U.S. Metric Association Award
Claire Shepley (12, Country Day)	How does a varying amount of H ₂ O ₂ from 0 to 8 mL added to oxidize Co ₂ ⁺ to Co ₃ ⁺ affect the mass and purity of trans-Dichlorobis(ethylenediamine) cobalt (III) Chloride product made through a synthesis reaction?	BCS Category First Place <ul style="list-style-type: none"> Society of Women Engineers Award
Sneha Chandrashekar (11, Middleton)	Identification of Collagen Producing Cell Lineages in the Inflamed Mouse Prostate	BCS Category Second Place <ul style="list-style-type: none"> Society for In Vitro Biology Award Society of Women Engineers Award
Daniel Lee (11, Middleton)	Cell-Free Translation of a Suberin Transferase for Accessible Biofuels	BCS Category Third Place <ul style="list-style-type: none"> Environmental Protection Agency (EPA) Award
Aarush Gupta (11, Middleton)	Aviation Turbulence Prediction using Random Forest	PSS Category Third Place <ul style="list-style-type: none"> NASA Earth System Science Award National Oceanic & Atmospheric Administration Award
Nihal Mahalingham (10, Middleton)	Covid 19 Mutations and Its Impacts on Human ACE2 Receptor Binding	<ul style="list-style-type: none"> Yale Science and Engineering Association Award
Krishna Srinivas (9, Middleton)	Osmosis in Living Cells and Blocking RFID Readers from Reading Your ID Card	<ul style="list-style-type: none"> Office of Naval Research Award
Kenan Sarlioglu (11, Middleton)	Cost Effective Positive-Pressure Ventilator	<ul style="list-style-type: none"> United States Air Force Award
Neel Mukherjee (11, Middleton)	Cost Effective Positive-Pressure Ventilator	<ul style="list-style-type: none"> United States Air Force Award
Zaki Siraj (11, Middleton)	Cost Effective Positive-Pressure Ventilator	<ul style="list-style-type: none"> United States Air Force Award
Ananya Krishna (12, Memorial)	Adolescent Response to Body-Positive Content of TikTok	<ul style="list-style-type: none"> American Psychological Association Award
Manasi Karthikeyan (9, Arrowhead)	Creating a Raspberry Pi-Based System for Home Environment Monitoring/Control	<ul style="list-style-type: none"> Association for Women Geoscientists Award Ricoh Sustainable Development Award
Dhriti Prakash (9, Middleton)	Do Opposites Attract? A Psychological Study On Racial Preference in Physical Attraction	<ul style="list-style-type: none"> National Geographic Society That's Geography! Award