

School	Level	Project Title	Category	PLACE	FIRST Name	LAST Name	FIRST Name 2	LAST Name 2	FIRST Name 3	LAST Name 3
Brookwood HS	HS	<i>The Enigmatic Blind Box Phenomenon: The Role of Curiosity, Price, and Scarcity on Emotional Responses in Consumer Behavior</i>	Behavioral and Social Sciences (BEHA)	1	Jleya	Leng	Jacob	Nguyen		
Brookwood HS	HS	<i>Tryptophan Metabolism-Induced Oxidative Stress in E. coli and Its Implications for Gastrointestinal Cancers</i>	Biomedical and Health Sciences (BMED)	1	Waniya Vikhar	Syeda	Ansley	George	Aoife	Jomon
GSMST	HS	<i>CNOT9/DBN1 Actin Dysregulation in QNBC Metastasis & Heterogeneity</i>	Biochemistry (BCHM)	1	Ariane	McDermott				
GSMST	HS	<i>Dual-Probe Minigene Quantifies F5 Exon 13 Variant Splicing</i>	Cellular and Molecular Biology (CELL)	1	Minju	Suh				
GSMST	HS	<i>MicroMCEd: A Noce! PoC SERS FNA-Probe Multicancer Early Detector</i>	Biomedical Engineering (ENBM)	1	Sirish	Subash				
GSMST	HS	<i>Copper Nanoparticle Cold Stress Prevention in Plants</i>	Plant Sciences (PLNT)	1	Ademilekan "Damola"	Fabayo				
GSMST	HS	<i>Antimicrobial Efficacy of Phage Cocktails & C. aspersum Hydrogels</i>	Microbiology (MCRO)	1	Susanna	Kim	Anika	Pathak		
GSMST	HS	<i>Prevent Cough Syrup Poisonings with Color-Changing Polymer Films</i>	Materials Science (MATS)	1	Lamis	Diab				
GSMST	HS	<i>Alloy and Coating Composition Properties in Climate Extremities</i>	Materials Science (MATS)	1	Ethan	Montoya				
GSMST	HS	<i>Effects of Architectural Fiber Placements on SFRC Behavior</i>	Materials Science (MATS)	1	Bianca "James"	Abarca				
GSMST	HS	<i>Performance of Lignin-Epoxy Reinforced Sisal Fiber Composites</i>	Materials Science (MATS)	1	Harshithaa	Santhosh Kumar Janathanan				
GSMST	HS	<i>Response of STF Infused Lattice Structures Under Complex Loading</i>	Materials Science (MATS)	1	Yujin	Kim				
GSMST	HS	<i>Optimization of pH-Responsive Cationic AMP-Inspired Polymers</i>	Chemistry (CHEM)	1	Michelle	Diep				
GSMST	HS	<i>Interpretable ML for Screening Sodium-Ion Battery Electrolytes</i>	Energy; Sustainable Materials and Design (EGSD)	1	Kason	Lai				
GSMST	HS	<i>Machine Fault Diagnosis Using Acoustic Signal Processing</i>	Engineering Technology; Statics and Dynamics (ETSD)	1	Aarmaan	Singh				
GSMST	HS	<i>Reliable AI in Healthcare: Grounded LLMs with Graph-RAG Retrieval</i>	Robotics and Intelligent Machines (ROBO)	1	Sirish	Escario				
GSMST	HS	<i>Multi Scale YOLO Optimization for Real-Time Crop Disease Detection</i>	Robotics and Intelligent Machines (ROBO)	1	Daye	Kebe				
GSMST	HS	<i>NaBu Nanoparticles as a Preventative Strategy for BBB Dysfunction</i>	Translational Medical Science (TMED)	1	Charis	Abraham				
GSMST	HS	<i>Telomere Dynamics in Cancer Developments</i>	Translational Medical Science (TMED)	1	Sama	Nazimi	Haley	Nguyen		
GSMST	HS	<i>MSC Medium's effect on buffering Oxidative Stress in AD Cells</i>	Translational Medical Science (TMED)	1	Nallah	Paul				
GSMST	HS	<i>Astaxanthin Treatment on Iron-sensitized Oxidative Stress</i>	Translational Medical Science (TMED)	1	Bori	Kim				
GSMST	HS	<i>Investigating the Sex Bias of Somatic Mutations in Cancers</i>	Cellular and Molecular Biology (CELL)	1	Andrew	Guo				
McClure Health Science HS	HS	<i>Modeling Acetaminophen-Induced Mitochondrial Stress in Yeast: Implications for Neurodevelopmental Research & Disorders</i>	Biomedical and Health Sciences (BMED)	1	Aryan	Pathak	Siddharth	Pathak	Jason	Tran
McClure Health Science HS	HS	<i>The Warburg effect of sugar and caffeine on cancer-like yeast cells</i>	Cellular and Molecular Biology (CELL)	1	Jaqueline	Gomez Negrete				
McClure Health Science HS	HS	<i>Modeling Heat Induced Stress in Wild Type and OSM-11 Gene Mutant C. elegans</i>	Cellular and Molecular Biology (CELL)	1	Sofia	Escobar				
McClure Health Science HS	HS	<i>Under the Blue Glow: How Blue Light Affects Mitochondrial Function</i>	Cellular and Molecular Biology (CELL)	1	Wahid	Ahmed	Taheem	Khondokar		
North Gwinnett HS	HS	<i>Antiviral Medication</i>	Chemistry (CHEM)	1	Doyeon (Elisha)	Yoon				
North Gwinnett HS	HS	<i>Algae and Insulation</i>	Energy; Sustainable Materials and Design (EGSD)	1	Vivian	Tang	Elisabeth	Yam		
North Gwinnett HS	HS	<i>Pancreatic Cancer Detection</i>	Translational Medical Science (TMED)	1	Keshvee	Sekhda				
North Gwinnett HS	HS	<i>Medical Consent Forms</i>	Behavioral and Social Sciences (BEHA)	1	Madelyn	Nguyen	Tiffany	Yuan		
Paul Duke STEM	HS	<i>Investigating the Long-Term Pulmonary Function of Cornu Aspersum Through Household VOC Exposure</i>	Biomedical and Health Sciences (BMED)	1	Abigail	Abraham				

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Paul Duke STEM HS	HS	Semi Automated Tourniquet Design	Biomedical and Health Sciences (BMED)	1	Brighton	Kleiber				
Paul Duke STEM HS	HS	Investigating the Effects of Straws on Inherited Epigenetics in C Elegans	Cellular and Molecular Biology (CELL)	1	Maya	Boteiho	Nathan	Hernandez Gonzalez		
Paul Duke STEM HS	HS	Carbon Footprint Analysis of Syngas Production Using CO2 Captured by PET-Derived Sorbents	Environmental Engineering (ENEV)	1	Sharika	Dorai				
Paul Duke STEM HS	HS	Innovation in Nail Polish: Green Light-Curing Technology	Chemistry (CHEM)	1	Leah	Hairston				
Peachtree Ridge HS	HS	Comparative Analysis of Nanoplastic Toxicity on C. elegans Fecundity	Animal Sciences (ANIM)	1	Nova	Nguyen				
Peachtree Ridge HS	HS	Exploring Subunit Binding in Gabapentinoids as a Predictor of Adolescent Suicidal Ideation	Biomedical Engineering (ENBM)	1	Joyce	Lee				
Peachtree Ridge HS	HS	The Impact of RNAi on Excessive Synaptic Pruning in Drosophila Melanogaster	Cellular and Molecular Biology (CELL)	1	Ashwika	Soundar	Lauren	Im	Harsh	Patel
Peachtree Ridge HS	HS	Environmental Effects Based on AIIA	Microbiology (MCRO)	1	Aaron	Vigil	Nikhil	Srinivas		
Peachtree Ridge HS	HS	Mutling Messages: Boronic Acids Reduce Quorum Sensing and Associated Fitness in E. coli	Microbiology (MCRO)	1	Eun Jae	Lee				
Peachtree Ridge HS	HS	Hydrochar as an Alternative to Activated Carbon	Environmental Engineering (ENEV)	1	Alex	Han	Eric	Shu		
Peachtree Ridge HS	HS	Effect of Material on Piezoelectric Road Output	Energy: Sustainable Materials and Design (EGSD)	1	Alexis	Choi				
Peachtree Ridge HS	HS	Evaluating Single Celled Fungi as a Biofuel Alternative	Energy: Sustainable Materials and Design (EGSD)	1	Boris	Todorov				
Seckinger HS	HS	Enhancing Dementia Independence with an AI-Powered Assistive Wearable	Biomedical Engineering (ENBM)	1	Zachary	Orwin				
Seckinger HS	HS	Electrostatic Water Accumulation	Physics and Astronomy (PHYS)	1	Adam	Masallis				
Seckinger HS	HS	Guante Hablante: Real-Time Sign-to-Speech Assistive Glove Using Flex Sensors	Robotics and Intelligent Machines (ROBO)	1	Joyce	Francis				
Seckinger HS	HS	Artificial Intelligence in Staging Leukemia Diagnosis	Robotics and Intelligent Machines (ROBO)	1	Kyle	Dirius	Paul	Yoon	Elijah	Kim
Seckinger HS	HS	Novel ML-Based Approach for Early Intracranial Aneurysm Detection	Robotics and Intelligent Machines (ROBO)	1	Robert	Hall				
Central Gwinnett HS	HS	My Pulse is Rushing, My Head is Reeling: the effects of L-theanine and Ashwagandha on daphnia hear rate.	Biomedical and Health Sciences (BMED)	2	Elianna	Bigman	Kylah	Salinas		
Georgia Connections Academy	HS	Footsteps to Light: The Effect Of Piezoelectric Disc Placement in Hybrid Energy Harvesting Floor Tiles	Energy: Sustainable Materials and Design (EGSD)	2	Ayaan	Siddiqui				
Grayson HS	HS	Effect of Aerofoil Shape on Aerodynamic Lift	Physics and Astronomy (PHYS)	2	Neelima	Panicker				
GSMST	HS	Modulation of Planarian Cognition by Sulfaphane and Resveratrol	Behavioral and Social Sciences (BEHA)	2	Jenny	Ha				
GSMST	HS	Identification of a New E3 Ligase and Target Protein Linker	Biomedical and Health Sciences (BMED)	2	Somyeong	Kim				
GSMST	HS	Evaluating Biomaterials for Artificial Organs Using Flow Stress	Biomedical and Health Sciences (BMED)	2	Vishva	Patel				
GSMST	HS	Caffeic Acid as a Neuroprotective Agent in Traumatic Brain Injury	Cellular and Molecular Biology (CELL)	2	Riya	Kothari				
GSMST	HS	Phosphomimetic Substitution in Inhibiting Mutant p53 Aggregation	Cellular and Molecular Biology (CELL)	2	Elyse	Khieu				
GSMST	HS	Integrating Computational Genomics and Carilnine Therapy for CDSP	Computational Biology and Bioinformatics (CBIO)	2	Briana	Codrescu				
GSMST	HS	DetoxMulch: Grasspea Neurotoxin Reduction & Detection for Famine	Plant Sciences (PLNT)	2	Amanda	Tiruwaha				
GSMST	HS	Bumetanide Against Metallo-β-Lactam-Induced Carbapenem Resistance	Microbiology (MCRO)	2	Andrew	Nguyen				
GSMST	HS	Phage-Induced Quorum Sensing Disruption in P. aeruginosa Biofilms	Microbiology (MCRO)	2	Ronald	Mensah-Bonsu				
GSMST	HS	Biopolymer Leachate Transgenerational Effects on Daphnia	Earth and Environmental Sciences (EAEV)	2	Benjamin	Kim				

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GSMST	HS	Plasmonic Silver Nanoparticles for Rapid Mercury & Lead Detection	Earth and Environmental Sciences (EAEV)	2	Dayveeshee	Trivedi				
GSMST	HS	Evaluating a TiO2 Surface Treatment for Polystyrene Degradation	Earth and Environmental Sciences (EAEV)	2	Aniah	James				
GSMST	HS	Enhancing Thermal Transport in β-Ga2O3 via Phonon Funneling	Physics and Astronomy (PHYS)	2	Yinan Chen	Chen	Krish	Patel		
GSMST	HS	Enhancing Qubit Coherence via Noise Prediction & Control Barriers	Physics and Astronomy (PHYS)	2	Geonhee	Shin				
GSMST	HS	Explainable AI Drift Detection for IoT Evasion Attacks	Systems Software (SOFT)	2	Imran	Ayodele				
GSMST	HS	Evaluating WKyber: Error Rates and Side-Channel Security	Systems Software (SOFT)	2	Amit Kamal	Mudududla				
GSMST	HS	Effect of Non-Linear Transformations on Music Deepfake Detection	Technology Enhances the Arts	2	Adrienne	Huynh				
GSMST	HS	NDD Genomics to Biosensor Probing: A Novel Translational Pipeline	Translational Medical Science (TMED)	2	George	Mathew	Dhruv	Mehta		
GSMST	HS	Early Infant Brain Profiling Across Neurodevelopmental Disorders	Translational Medical Science (TMED)	2	Karen	Uba				
GSMST	HS	Developing a Rapid Diagnostic Test to Detect Plasmodium malariae	Translational Medical Science (TMED)	2	Damian	Go				
GSMST	HS	ThyroTrack: Endocrinal Cancer Prognosis Platform	Translational Medical Science (TMED)	2	Shadiplo	Shouhardo				
GSMST	HS	Optimizing Polyphenol Bioavailability For Improved Cancer Therapy	Translational Medical Science (TMED)	2	Ishaan	Patel				
Meadowcreek HS	HS	Should we really trust hand dryers?	Microbiology (MCRO)	2	Rehan	Tariq				
Meadowcreek HS	HS	Soak it Up: Which Household Materials Clean Ocean Oil Spills Best?	Engineering Technology: Statics and Dynamics (ETSD)	2	Jenny	Vo				
Mill Creek HS	HS	How Does Unemployment Affect Voter Turnout? A County-Level Data Analysis in the United States	Behavioral and Social Sciences (BEHA)	2	Alden	Yang				
Mill Creek HS	HS	Design of an Optic Fiber Holder for Portable Speckle Contrast Optical Spectroscopy in Sickle Cell Disease Monitoring	Biomedical and Health Sciences (BMED)	2	Ryan	Kim				
Mountain View HS	HS	Thought in Motion	Robotics and Intelligent Machines (ROBO)	2	Fajjar	Javid				
North Gwinnett HS	HS	Hydrogels	Materials Science (MATS)	2	Irene	Oh				
North Gwinnett HS	HS	Hot Jupiters	Physics and Astronomy (PHYS)	2	James (Shay)	Kelly				
North Gwinnett HS	HS	BBQ Bias in Open Source LLMs	Systems Software (SOFT)	2	Michael	Wang				
Paul Duke STEM HS	HS	Investigating the Relationship Between Spr-2 and Mut-16 in Regulating the C elegans Germline	Cellular and Molecular Biology (CELL)	2	Sricha	Kamal	Eva	Fasil		
Paul Duke STEM HS	HS	Evaluation of Laser Cut Corrugated Board for Edge Crush Test Sample Preparation	Engineering Technology: Statics and Dynamics (ETSD)	2	Nathanael	Firew				
Paul Duke STEM HS	HS	Low Cost WiFi-Based TFR Avoidance for Drones	Robotics and Intelligent Machines (ROBO)	2	Aaron	Nguy				
Paul Duke STEM HS	HS	Investigating Data Augmentation Techniques for Detection Systems on Voice Phishing Scripts	Systems Software (SOFT)	2	Sanjana	Dorai				
Peachtree Ridge HS	HS	pHirst Aid	Behavioral and Social Sciences (BEHA)	2	Jiahn	Kim	Olivia	Yoon		
Peachtree Ridge HS	HS	The Ultimate Fire Finder: Early Detection of Smolder-Phase Wildfires Using Particulate Matter Sensing	Environmental Engineering (ENEV)	2	Ryan	Drobnick				
Peachtree Ridge HS	HS	A Multi-Stage System for Microplastic Removal from Stormwater	Environmental Engineering (ENEV)	2	Kanushika	Venugopal	Sharvari	Bhusari		
Peachtree Ridge HS	HS	Optimization of a Dual Target for Medical Isotope Productions	Physics and Astronomy (PHYS)	2	Shakthi	Manickam	Gokula	Manickam		
Seckinger HS	HS	Revolutionizing Respiratory Care: A Study on Implantable Ventilator Systems	Biomedical and Health Sciences (BMED)	2	Nathan	Odoeme				
Seckinger HS	HS	Genetics and Mutation models of COL5A1 and COL5A2	Biomedical and Health Sciences (BMED)	2	Declan	Ash	Isabella	Spencer		
Seckinger HS	HS	Breaking the Brain Barrier	Computational Biology and Bioinformatics (CBIO)	2	Sukeerthi	Bureddy				

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Seckinger HS	HS	<i>Exploring and Optimizing Renewable Hydrogen Generation Systems with Ionic Conductors</i>	Earth and Environmental Sciences (EAEV)	2	Sterling	Shirai	Andrew	Kim		
Seckinger HS	HS	<i>Acoustic Fire Suppression</i>	Engineering Technology: Statics and Dynamics (ETSD)	2	Lukas	Masallis				
Seckinger HS	HS	<i>Smart Traffic Light System</i>	Embedded Systems (EBED)	2	Elise	Sagoe				
Shiloh MS HS	HS	<i>Sweet Recovery</i>	Behavioral and Social Sciences (BEHA)	2	Adesola	Adeoye				
South Gwinnett	HS	<i>Structural Stability of Casein-Based Bioplastic Across Acidic pH Levels</i>	Chemistry (CHEM)	2	Serena	Shi	Evelyn	Hernandez Villeda		
South Gwinnett	HS	<i>The Power Capabilities of a Blocked Out Solar Panel</i>	Energy: Sustainable Materials and Design (EGSD)	2	Otito	Okafor	Otito	Mulunda		
THRIVE Christian Academy	HS	<i>Biofabric: Textiles and Beyond</i>	Energy: Sustainable Materials and Design (EGSD)	2	Hailey	Blackmon				
Brookwood HS	HS	<i>The Impact of Heat on Praying Manthis and their Lifespan</i>	Earth and Environmental Sciences (EAEV)	3	Nakariana	Jones MS	Ryah	Miller		
Brookwood HS	HS	<i>Rooted in Resilience: Biocommunicatin and Nutrient Transfer in Mycorrhizal-Inoculated Planting Systems</i>	Plant Sciences (PLNT)	3	Nafisa	Jannat	Valencia	Crawford	Angela	Zheng
Brookwood HS	HS	<i>Coral Biomineralization Serum</i>	Earth and Environmental Sciences (EAEV)	3	Zahara	Ali				
Central Gwinnett HS	HS	<i>Tetrahydrocannabinol (THC) and their effect on our bodies, lives and youth</i>	Biomedical and Health Sciences (BMED)	3	Jordin	McAdory	Da'rielle	Wilkerson		
Georgia Connections Academy	HS	<i>Brains vs. Bots: Which Study Method Wins?</i>	Behavioral and Social Sciences (BEHA)	3	Dorria	Fahmy	Imaan	Rizvi		
Grayson HS	HS	<i>Alternative Ultrasound Gel</i>	Biomedical and Health Sciences (BMED)	3	Eric	Flores-Rodriguez	Lucero	Badillo-Moreno		
Grayson HS	HS	<i>Thermally Activated Self-Healing Concrete</i>	Materials Science (MATS)	3	Carlie	Carter	Gabriel	Amponosh		
GSMST	HS	<i>Transforming Toxin Therapy Targeting Indoxyl Sulfate</i>	Biochemistry (BCHM)	3	Abigale	Tendean	Crystal	Zheng		
GSMST	HS	<i>Pupillary Light Reflex Biomarkers for Glaucoma Risk Assessment</i>	Biomedical and Health Sciences (BMED)	3	Maansi	Singh				
GSMST	HS	<i>Synthetic, D-Form Peptides and Nanorods as Antibiotic Substitutes</i>	Biomedical and Health Sciences (BMED)	3	Aiden	Pae				
GSMST	HS	<i>Real-Time Airborne Viral Detection via Electrostatic On-Chip</i>	Biomedical Engineering (ENBM)	3	Tara	Wang				
GSMST	HS	<i>Magnetic Targeting of SPION-AiIA for Improved Enzyme Delivery</i>	Computational Biology and Bioinformatics (CBIO)	3	Evan	Chen				
GSMST	HS	<i>Overexpression of the Transcription Factor Gene SNAC1 to Increase Salt Resistance in Soybean</i>	Plant Sciences (PLNT)	3	Biruk	Ayalew				
GSMST	HS	<i>Tuning Ion Beam Shepherds for Multi Debris, Multi Orbital Models</i>	Physics and Astronomy (PHYS)	3	Annalia	Silkod				
GSMST	HS	<i>Evolutionary Quantum Circuit Optimization with the ZX-Calculus</i>	Systems Software (SOFT)	3	Alexander	Lu				
GSMST	HS	<i>SCFA-Driven Recovery on Dysbiosis from Hematologic Cancer</i>	Translational Medical Science (TMED)	3	Raifah	Maruf				
Lanier HS	HS	<i>The Effect of Propeller Size on Drone Stability</i>	Engineering Technology: Statics and Dynamics (ETSD)	3	Rishab	Deepak	Romeo	Capuno		
McClure Health Science HS	HS	<i>The Effect of Subtle Manipulation, Specifically Wording Bias, on Decision Making</i>	Behavioral and Social Sciences (BEHA)	3	Atri	Roy	Michel	Tapia Solis	Aafya	Gandhi
Meadowcreek HS	HS	<i>Electrolysis Efficiency</i>	Energy: Sustainable Materials and Design (EGSD)	3	Diana	Sanfago-Salazar	Lam	Nguyen	Y Nhu	Ngo
Mill Creek HS	HS	<i>Do Graphene-Based Thermal Interface Materials Improve Conductivity?</i>	Materials Science (MATS)	3	Aden	Primack				
North Gwinnett HS	HS	<i>AI-Powered Accessibility System for the Deaf and Hard of Hearing</i>	Biomedical Engineering (ENBM)	3	Aarish	Chandra				
Parkview HS	HS	<i>Optimizing Eco-Friendly Soap Using Chemistry and Mathematical Modeling</i>	Mathematics (MATH)	3	Sharon	Wang	Yueling	Pei		
Paul Duke STEM HS	HS	<i>Building Partnerships Towards Social and Cultural Adaptation of Talk with me Baby Training</i>	Behavioral and Social Sciences (BEHA)	3	Sarai	Garnett				

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Paul Duke STEM HS	HS	Investigating the Carcinogenic Effects of Shrimps from Polluted Oceans Using <i>S. cerevisiae</i>	Biomedical and Health Sciences (BMED)	3	Kriston	Phan	William	Gonzalez Morales		
Paul Duke STEM HS	HS	Analyzing the Effects of Natural Preservatives on Burn Wounds Using Pig Skin	Biomedical and Health Sciences (BMED)	3	Magnus	Duffy	Vanessa	Camarillo		
Paul Duke STEM HS	HS	Comparing Wound Healing Properties of Skin From Native Indian Fish Species	Biomedical and Health Sciences (BMED)	3	Aniyah	Hudson				
Paul Duke STEM HS	HS	Analyzing Optimal Pore Size and Porosity of 3D Printed PLA Dental Scaffolds	Biomedical Engineering (ENBM)	3	Caroline	Crooks				
Paul Duke STEM HS	HS	Lead in Cinnamon: Evaluating Cancer Risks from Lead in Cinnamon Powder from Different Regions	Cellular and Molecular Biology (CELL)	3	Elle	Wylie	Isabella	Hernandez		
Paul Duke STEM HS	HS	Polarization of Ethyl-cyanoacrylate Superglue via Zwitterionic Liquids as a Replacement to Dimethylsulfoxide	Chemistry (CHEM)	3	Jack	Dowling	Robert	Truong		
Paul Duke STEM HS	HS	Determining the Reliability of a DIY Muon Detector in Detecting CMEs	Physics and Astronomy (PHYS)	3	Torres	Nguyen				
Paul Duke STEM HS	HS	Optimization of the Burn Wire Release Method for CubeSat Through Enhanced Current Control and Shock Damping Design	Embedded Systems (EBED)	3	Angel	Roman-Monserat				
Paul Duke STEM HS	HS	Quantifying Blue Light Emissions From Light Emitting Diodes: The role of angular emissions in the mitigation of light pollution	Physics and Astronomy (PHYS)	3	Huan	Tran				
Peachtree Ridge HS	HS	Finding Alternatives to Formalin in Embalming Solutions	Biochemistry (BCHM)	3	Cailyn	Koo				
Peachtree Ridge HS	HS	Improving Autism Diagnoses - Pinpointing Behaviors to Mutations in Files	Biomedical and Health Sciences (BMED)	3	Mamali	Iyer	Arna	Shah		
Peachtree Ridge HS	HS	Computational Modeling of the Ne511-CD47 Interface	Computational Biology and Bioinformatics (CBIO)	3	Linh	Pham	Andrew	Kim		
Peachtree Ridge HS	HS	Self-Powered Electrokinetic Salinity Sensor	Environmental Engineering (ENEV)	3	Mahi	Gandhi	Peyton	Slough		
Peachtree Ridge HS	HS	Self-Automated Flood Barrier	Environmental Engineering (ENEV)	3	Elijah	Yoo	Ethan	Varughese	Jason	Tan
Peachtree Ridge HS	HS	Piezoelectricity for Emergency Flight Sensors	Engineering Technology: Statics and Dynamics (ETSD)	3	Justine	Kim				
Peachtree Ridge HS	HS	Hand Tremor Stabilization Device	Translational Medical Science (TMED)	3	Claire	Choi	Alison	Nguyen	Tiffany	Kim
Seckinger HS	HS	Blood Flow in Narrowed Vessels	Biomedical and Health Sciences (BMED)	3	Michael	Anderson	Dhruvi	Shah		
Seckinger HS	HS	Stopping extreme hemorrhage with adhesive expandable foam	Biomedical Engineering (ENBM)	3	Jiyou	Kim	Reina	Kim		
Seckinger HS	HS	Integrated Biosensing for Real-Time Hydration in Youth Athletics	Biomedical Engineering (ENBM)	3	Joey	Kim	Neha	Yamala		
Seckinger HS	HS	Hydroponics for Space-Constrained Farming	Environmental Engineering (ENEV)	3	Luz	Rivas Gonzalez	Hannah	Kieu		
Seckinger HS	HS	Turning Trash into Homes: Sustainable Housing from Plastic Waste	Environmental Engineering (ENEV)	3	Kush	Punjani	Joshua	Goins	Alexander	Hicks
Seckinger HS	HS	AI vs. the market: Can a Machine Learning Bot outperform passive investing?	Robotics and Intelligent Machines (ROBO)	3	Shourya	Kaveti				
Seckinger HS	HS	Fentanyl Overdose App	Systems Software (SOFT)	3	Dunney	flores	Sheridyn	Dempsey	Andy	Vo
Seckinger HS	HS	Artificial Intelligence Model for Predicting Stock Market Trends	Systems Software (SOFT)	3	Marcel	Honzu Jr.				
Seckinger HS	HS	Crowding's Impact on Traffic: Among Humans and the Spread of Pathogens: a Real-Time Physics Simulation Comparing Crowding in Hospital Emergency Rooms	Systems Software (SOFT)	3	Faaria	Rehan	Mylee	Brown	Jackie	Tran
Seckinger HS	HS	Interactive Metaheuristic Tools for Streamlining Master Schedule Creation	Systems Software (SOFT)	3	Benjamin	Ellefson				
Shiloh HS	HS	Heart Rate Hustle	Behavioral and Social Sciences (BEHA)	3	Kendall	Curry				
South Gwinnett HS	HS	Decay by the Can	Biomedical and Health Sciences (BMED)	3	Tiana	Swain	ZyNivea	Davis	Kyri	Wayman
South Gwinnett HS	HS	AIR FILTER DEVICE FOR CAR EMISSIONS	Environmental Engineering (ENEV)	3	Disagya	Kadiri	Amal	Ahmed	Brianna	Scott
THRIVE Christian Academy	HS	The 432 Effect	Physics and Astronomy (PHYS)	3	Ezekiel	Morlon				

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Archer HS	HS	Wind Energy: A Powerful Choice!	Earth and Environmental Sciences (EAEV)	HM	Nhien	Nguyen	Allison	Orellana		
Archer HS	HS	Powering the Future: The Science of Wind Turbines	Earth and Environmental Sciences (EAEV)	HM	Faith	Fapohounda	Jillian	Barker	Marquise	Evans
Brookwood HS	HS	Use of Plastic-Breaking Enzymes as Compost On Plant Growth	Biomedical Engineering (ENBM)	HM	Oscar	Lee				
Brookwood HS	HS	Free Spin V2	Energy: Sustainable Materials and Design (EGSD)	HM	Abel	Fisseha	Samuel	Carreon		
Brookwood HS	HS	A neural network controlled Raspberry Pi being used for a hydropower source	Systems Software (SOFT)	HM	Adaechuchwu	Watkins				
Central Gwinnett HS	HS	How different levels of fiber in fruits affect the efficiency of DNA extraction.	Biochemistry (BCHM)	HM	Nathaly	Rayo Alvarez	Aracely	Garcia-Herrera		
Central Gwinnett HS	HS	Sickness & Recovery Mechanisms	Biomedical and Health Sciences (BMED)	HM	An	Nguyen	Lillah	Moore		
Central Gwinnett HS	HS	Superior Germ Eliminating Technique	Microbiology (MCRO)	HM	July	Flores Padriana				
Central Gwinnett HS	HS	The Chemistry Of Nails: Gel vs Traditional polish	Chemistry (CHEM)	HM	Jacqueline	Vega				
Central Gwinnett HS	HS	The Spacetime Trampoline	Physics and Astronomy (PHYS)	HM	Leslie	Garcia	Jonathan	Guzman		
Central Gwinnett HS	HS	Do Hurricanes Cool the Ocean?	Earth and Environmental Sciences (EAEV)	HM	Marie	Norassain				
Collins Hill HS	HS	Solar Harvesting Array	Energy: Sustainable Materials and Design (EGSD)	HM	Namira	Noor	Sophie	Gullierrez		
Collins Hill HS	HS	Solar Harvesting Array Bloom	Energy: Sustainable Materials and Design (EGSD)	HM	Elizabeth	Clotey	Kamryn	Connor		
Dacula HS	HS	Machine Learning for Alzheimers Using Cognitive and Risk Factors	Computational Biology and Bioinformatics (CBIO)	HM	Fiyinfoluwa	Akindairo				
Dacula HS	HS	SEC Sensor	Environmental Engineering (ENEV)	HM	Faith Eniola	Onakoya	Sai	SriVarshini Thallam	Caden	Lee
Discovery HS	HS	Yeast-Derived Invertase Breaks Down Sucrose in Different Solutions and Food Samples	Biochemistry (BCHM)	HM	Juliana	Aimable	Natalie	Naphouvieng		
Discovery HS	HS	Tunes For Trees	Earth and Environmental Sciences (EAEV)	HM	Azaria	Abra				
Discovery HS	HS	What is a Possible Solution to Reduce Acid Rain?	Earth and Environmental Sciences (EAEV)	HM	Hadia	Mohammad	Vanessa	Nhek		
Discovery HS	HS	Solar Panel Powered Cars	Physics and Astronomy (PHYS)	HM	Miriam	Arellano-Flores	Ariana	Toranzo Ortiz		
Discovery HS	HS	Beat The Freeze: The Ultimate Winter Fabric Face-Off!!!	Physics and Astronomy (PHYS)	HM	Luna	Vasquez-Garcia	Sebastian	Hernandez Ortuno	Benny	Toriente-Garcia
Discovery HS	HS	Shape vs. Storm: Investigating Structural Stability Under Wind and Debris Impacts	Engineering Technology: Statics and Dynamics (ETSD)	HM	Daviany	Hernandez				
Discovery HS	HS	Improving Wind Turbine Efficiency Through Blade Design	Engineering Technology: Statics and Dynamics (ETSD)	HM	Imran L.	Yldego	Dorian	Simon		
Discovery HS	HS	Deans and Decibels	Engineering Technology: Statics and Dynamics (ETSD)	HM	Julian	Arcega	Carter	Kushner	Rubi	Jimenez-Blanco
Duluth HS	HS	Impact of Wake Steering on Power Losses	Energy: Sustainable Materials and Design (EGSD)	HM	Qizhang	Zhu	Jackson	Blood	Chloe	Rhee
Georgia Connections Academy	HS	Self-Cleaning, Pollution-Filtering, Urban Eco-Skin	Environmental Engineering (ENEV)	HM	Manha	Bajwa	Liya	Gebremedhin	Khadjiah	Balkhi
Georgia Connections Academy	HS	The [PERSON] Project: Testing and Reducing Bias in AI Models	Robotics and Intelligent Machines (ROBO)	HM	Janna	Elfasi	Mariam	Elfasi		
GSMST	HS	Early Nitrosine Use Improves Visual Acuity in OCA 18 Zebrafish	Animal Sciences (ANIM)	HM	Angela	Kim				
GSMST	HS	Spatial Modeling of Hypoxia and Drug-Tolerant Persister Cells	Biomedical and Health Sciences (BMED)	HM	Arnav	Awasthi				
GSMST	HS	Behavioral Side Effects of Anti-Epileptic Drugs LEV and LTG	Biomedical and Health Sciences (BMED)	HM	Joanne	Jeon				

School	Level	Project Title	Category	PLACE	FIRST Name	LAST Name	FIRST Name 2	LAST Name 2	FIRST Name 3	LAST Name 3
GSMST	HS	<i>Phylogenetic Analysis of SF1/SF2 Helicase Markers in TCGA Cancers</i>	Computational Biology and Bioinformatics (CBIO)	HM	Yohan	Kim				
GSMST	HS	<i>Multimodal Deep Learning for Biomarker Identification in Autism</i>	Computational Biology and Bioinformatics (CBIO)	HM	Neal	Joshi				
GSMST	HS	<i>Predicting and Classifying Heart Disease in Youths via BPNs & XAI</i>	Computational Biology and Bioinformatics (CBIO)	HM	Niki	Tendolkar				
GSMST	HS	<i>Influence of E.coli Fractions on AB42 Aggregation</i>	Computational Biology and Bioinformatics (CBIO)	HM	Nancy	Chen				
GSMST	HS	<i>Orthogonally-Triggered Nanocapsule System for Resistant Candida</i>	Computational Biology and Bioinformatics (CBIO)	HM	Alastair	Go				
GSMST	HS	<i>Heterogeneous nSR Flux Partitioning in Purkinje Ectopy-Induced VF</i>	Computational Biology and Bioinformatics (CBIO)	HM	Jia Qi	Chen				
GSMST	HS	<i>Effects of Botrytis cinerea on Fly Larvae Across Development</i>	Microbiology (MCRO)	HM	Hana	Londono				
Lanier HS	HS	<i>Circuitry Innovation</i>	Energy; Sustainable Materials and Design (EGSD)	HM	Noah	Lopez	Zachary	Childers		
Lighthouse Prep	HS	<i>Phantom Feelings and Sensations</i>	Behavioral and Social Sciences (BEHA)	HM	Keiko	Bates-Smith				
McClure Health Science HS	HS	<i>Correlation Between Cooking Oils and Inflammation</i>	Biochemistry (BCHM)	HM	Maryam	Rajgoli	Tayyab	Rajgoli		
McClure Health Science HS	HS	<i>PulseCat: A Low-Cost, Concealed Wearable System for Cuffless Blood Pressure Trend Monitoring</i>	Biomedical and Health Sciences (BMED)	HM	Grace	Maleche	Bryanna	Gonzalez		
McClure Health Science HS	HS	<i>A Biodegradable Yeast-Jelly Battery</i>	Biomedical Engineering (ENBM)	HM	Elvin	Orellana Bonilla	Erick	Agustin Montalvo	Tobe	Abanofa
McClure Health Science HS	HS	<i>What's The Best Water Filter In An Emergency Situation?</i>	Earth and Environmental Sciences (EAEV)	HM	Saajid	Rahman	Diego	Lopez	Usman	Ahmed
McClure Health Science HS	HS	<i>Sustainable Water Solutions: Testing Solar Desalination Designs</i>	Environmental Engineering (ENEV)	HM	Olivia	Saint Cyr	Darvin	Orioles-Romero	Barbara	Paredes
McClure Health Science HS	HS	<i>Cyanobacteria Jelly Batteries: "The Power Source of the Future"</i>	Materials Science (MATS)	HM	Jack	Arteaga-Agular	Cardin	Doan	Rachel	Edmond
McClure Health Science HS	HS	<i>The Effect of Blade Pitch Angle on Wind Turbine Efficiency</i>	Energy; Sustainable Materials and Design (EGSD)	HM	Hao	Doan	David	Doan	Aranav	Cheralayath
McClure Health Science HS	HS	<i>Dyes and Dye-sensitized Solar Cells.</i>	Energy; Sustainable Materials and Design (EGSD)	HM	Tristan	Laplanche				
McClure Health Science HS	HS	<i>Delayed Release Capsules</i>	Translational Medical Science (TMED)	HM	Victor Y.	Ramirez Aldana	Darwin	Marquez Medrano		
Meadowcreek HS	HS	<i>Bacterial Homicide</i>	Biomedical and Health Sciences (BMED)	HM	Nayeli	Juarez				
Meadowcreek HS	HS	<i>Protecting Your Eyes, One Blink at a Time</i>	Biomedical and Health Sciences (BMED)	HM	Komel	Kidka				
Meadowcreek HS	HS	<i>The Microscopic Impact of Heat and Chemicals on Hair</i>	Biomedical and Health Sciences (BMED)	HM	Daisy	Marlinez	Katherin	Ramos-Pena		
Meadowcreek HS	HS	<i>Strawberry DNA Extraction</i>	Cellular and Molecular Biology (CELL)	HM	Jasdelyn	Colunga-Rosales	Dariely	Rosario Guerrero	Blessing	Kim
Meadowcreek HS	HS	<i>How does increasing water acidity affect the growth and primary productivity of Duckweed</i>	Plant Sciences (PLNT)	HM	Jahnica	Jacobs	Marsy	Perez	Maria	Ponce
Meadowcreek HS	HS	<i>How probiotic on yogurt slow the growth of mold and oxidation on fruits surface are.</i>	Microbiology (MCRO)	HM	Daylin	Padilla	Maria	Tapias	Barbara	Camargo
Meadowcreek HS	HS	<i>absorb and dispose : what material absorbs oil the best?</i>	Materials Science (MATS)	HM	Abigail	Nalls	Liliana	Boyo	Jhoanna	Avellaneda
Meadowcreek HS	HS	<i>Acid Kills: How acids affect the rate of corrosion</i>	Chemistry (CHEM)	HM	Dannay	Marlinez	Joshua	Cortes		
Meadowcreek HS	HS	<i>Do the concentrations of a BZ reaction affect it's oscillations?</i>	Chemistry (CHEM)	HM	Harmon	Nguyen	Layne	O'Brosky	Hao	Doan
Meadowcreek HS	HS	<i>Does powdered activated carbon remove more impurities from drinking water than granular activated carbon?</i>	Chemistry (CHEM)	HM	Andrea	Alfaro	Valeria	Pacheco Hernandez	Stephanie	Lopez-Sandoval
Meadowcreek HS	HS	<i>Squeaky clean</i>	Chemistry (CHEM)	HM	Katie	Palacios	Dianna	Maravilla Guevara	Yen	Nguyen
Meadowcreek HS	HS	<i>Slow Flow: Analyzing Viscosity in a Lava Lamp Model</i>	Chemistry (CHEM)	HM	Jeremiah	Dancer				

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Meadowcreek HS	HS	Catch the sun	Energy: Sustainable Materials and Design (EGSD)	HM	Joshua	Martinez-Ibarra	Reynaldo	Chinchilla-Hernandez	Yael	Mojardin Perez
Meadowcreek HS	HS	Resistance change in different environments.	Physics and Astronomy (PHYS)	HM	Andrew	Fortaneli				
Meadowcreek HS	HS	The Reflex Dropper	Engineering Technology: Statics and Dynamics (ETSD)	HM	Aaron	Wasif	Abraham	Saucedo	Andy	Phan
Meadowcreek HS	HS	What Makes a Bridge Strong? Testing load and collapse points in Bridges	Engineering Technology: Statics and Dynamics (ETSD)	HM	William	Gonzalez Barfalon	Guillermo	Maldonado-Torres	Eduardo	Munoz
Mountain View HS	HS	PLA Infill Effects on Strength and Durability of 3D-Printed Parts	Materials Science (MATS)	HM	Elise	Kim				
Mountain View HS	HS	Invisible Exposure: Monitoring Aerosol Presence Using Technology	Embedded Systems (EBED)	HM	Liza	Zahir				
North Gwinnett HS	HS	Investigating Placebo Effect	Behavioral and Social Sciences (BEHA)	HM	Renee	Song	Jessy	He	Evelyn	Moon
North Gwinnett HS	HS	Early Detection of Mild Cognitive Impairment: By Novel Integration of Handgrip Strength Assessment with MoCA Screening.	Behavioral and Social Sciences (BEHA)	HM	Taruni	Aragonda				
North Gwinnett HS	HS	Novel Earbud Detecting Tongues Electric Field	Biomedical Engineering (ENBM)	HM	Rishahb	Kumar				
North Gwinnett HS	HS	AI Learning and Blisters	Engineering Technology: Statics and Dynamics (ETSD)	HM	Jasmine	Owen				
North Gwinnett HS	HS	Golden Ratio Presence	Technology Enhances the Arts	HM	Mary (Norah)	Deaton				
Parkview HS	HS	Effects of Egg-Based Treatments on Eczema Models	Biomedical and Health Sciences (BMED)	HM	Xinle	Tong				
Parkview HS	HS	Application of Generative AI to Suicidal Ideation on Social Media	Computational Biology and Bioinformatics (CBIO)	HM	Sophia	Yuan				
Parkview HS	HS	Preserving Balinese Woodcarving Through Tourism Redistribution With Machine Learning Models	Robotics and Intelligent Machines (ROBO)	HM	Upasana	Patel	Harrison	Robinson		
Paul Duke STEM HS	HS	Effects of Natural Pesticides on the Behavior of Harvester Ants	Animal Sciences (ANIM)	HM	Ethan	Donham				
Paul Duke STEM HS	HS	Research-Based Design of a Mentoring Program Aimed at Improving Scientific Achievement in Underrepresented Students	Behavioral and Social Sciences (BEHA)	HM	Erick	Vega				
Paul Duke STEM HS	HS	Addressing Label Noise in MRI-Based Brain Tumor Classification	Biomedical Engineering (ENBM)	HM	Lianna	Mendonca	Juan	Ramirez-Vera		
Paul Duke STEM HS	HS	Building Machine Learning Models to Design and Simulate Novel Drugs for Triple Negative Breast Cancer	Computational Biology and Bioinformatics (CBIO)	HM	Arnav	Mittal				
Paul Duke STEM HS	HS	Evaluating Accuracy of Low Fidelity Aerodynamic Modeling for Morphing Wing Using CFD and Vortex Lattice	Computational Biology and Bioinformatics (CBIO)	HM	Julian	Hernandez-Neri				
Paul Duke STEM HS	HS	Enhancing the Performance of Deep Learning Models for ECG-Based Heart Disease Diagnosis	Computational Biology and Bioinformatics (CBIO)	HM	Spencer	Schenke	Gbemisola	Olabode		
Paul Duke STEM HS	HS	A Meta Analysis of Disease Burden of Influenza Before and After the COVID 19 Pandemic: A Subgroup Analysis by Age, Gender, and Time Period	Computational Biology and Bioinformatics (CBIO)	HM	Myra	Wu	David	Kaplan		
Paul Duke STEM HS	HS	Optimizing Telf Cultivation Through Automated Irrigation and MOF-Based Water Collection	Earth and Environmental Sciences (EAEV)	HM	Caleb	Menghisteab	Avani	Shanbhag		
Paul Duke STEM HS	HS	Using Mesocosms to Determine Effects of Oil Dispersants on the Health of Zooplankton from the Gulf of Mexico	Earth and Environmental Sciences (EAEV)	HM	Srividya	Shivshankar	Gwyneth	Donham		
Paul Duke STEM HS	HS	Improving Well Being and Sustainability Through Biophilic Design: Transforming a Bull Environment into a Hotel Space	Earth and Environmental Sciences (EAEV)	HM	Alexis	Long				
Paul Duke STEM HS	HS	Evaluation and Comparison of Retrofit Maglev Systems for London Through a Scenario-Based Model	Engineering Technology: Statics and Dynamics (ETSD)	HM	Jackson	Dill	Maximilian			
Peachtree Ridge HS	HS	Fruit Fly Sound Experiment	Animal Sciences (ANIM)	HM	Saeeb	Ahmad				
Peachtree Ridge HS	HS	The Effects of Preconditioning On Oxidative Stress in C. elegans and Its Relation to Hypertension	Biomedical and Health Sciences (BMED)	HM	Tvisha	Vyas				
Peachtree Ridge HS	HS	Use of Preservatives of Skincare Toner Solutions	Biomedical and Health Sciences (BMED)	HM	Namrata	Das	Iris	Huang		

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Peachtree Ridge HS	HS	Exploring the Effects of Unhealthy Diets and Dietary Recovery on Neuroplasticity and Brain Function in Fruit Flies	Biomedical and Health Sciences (BMED)	HM	Maya	Sanjeevirao	Ammara	Shaikh		
Peachtree Ridge HS	HS	Therapeutic molecular structure discovery: Human in the loop	Biomedical Engineering (ENBM)	HM	Joaquin	Hidalgo	Ethan	Yang		
Peachtree Ridge HS	HS	Computational Re-engineering and simulating of OxDC for systemic Oxalate Degradation Therapy	Computational Biology and Bioinformatics (CBIO)	HM	Darshil	Naik	Arush	Seth		
Peachtree Ridge HS	HS	Home Hydroponics	Plant Sciences (PLNT)	HM	Ava	Vo	Allision	Lopez		
Peachtree Ridge HS	HS	ALGAE COLLECTION AND FILTRATION	Earth and Environmental Sciences (EAEV)	HM	Daniel	Horak	Matthew	Bui	Jaewon	Jeong
Peachtree Ridge HS	HS	Magnetic Levitation Assisted Aircraft Takeoff	Engineering Technology: Statics and Dynamics (ETSD)	HM	Neelabh	Das				
Peachtree Ridge HS	HS	How Spatial Layouts Affect Thermal Efficiency	Engineering Technology: Statics and Dynamics (ETSD)	HM	Aaron	Oh	Samanta	Xia		
Peachtree Ridge HS	HS	NOVA A medical Assistance Robot	Robotics and Intelligent Machines (ROBO)	HM	Zunxian	Kuang	Brandon	Poole		
Seckinger HS	HS	The Attraction of Different Light Wavelength and Intensity to Nocturnal Insects	Animal Sciences (ANIM)	HM	Esther	Cha				
Seckinger HS	HS	The Neruo-Bridge	Behavioral and Social Sciences (BEHA)	HM	Carly	Ngo	C'vod	Ballard		
Seckinger HS	HS	Simulated Effects on Study, Memory/Retention, and Concentration	Behavioral and Social Sciences (BEHA)	HM	Ilisa	Nakamiya	Sophie	Busali	Sohee	Shin
Seckinger HS	HS	Can an AI model be created to accurately diagnose the reason for a dying plant?	Biomedical and Health Sciences (BMED)	HM	Justin	Chen	Catherine	Kim	Christopher	Bui
Seckinger HS	HS	Bridging the Gap: Investigating the Impact of Prosthetic Design Aesthetics on Psychosocial Well-being and Social Integration	Biomedical Engineering (ENBM)	HM	Ayomikunsi	Okeowo	Aila	Eni		
Seckinger HS	HS	Designing a Practical and Effective Cleaner for G-Tube Devices.	Biomedical Engineering (ENBM)	HM	Yara	Ajour				
Seckinger HS	HS	Applying mathematical simulations to predict the progression of neurodegenerative diseases.	Computational Biology and Bioinformatics (CBIO)	HM	Joohyuk	Han	Ian	Kim	Rahim	Rizwan
Seckinger HS	HS	Advanced Lotka-Volterra Model For Yellowstone	Computational Biology and Bioinformatics (CBIO)	HM	Sungeun	Kwon	Sunghyun	Kwon		
Seckinger HS	HS	AI Prediction of Disease Outbreak Spread	Computational Biology and Bioinformatics (CBIO)	HM	Xaiden	Bullock	Kelvin	Nguyen		
Seckinger HS	HS	BES Acid and Abrucomstal Loaded Lipid Nanoparticles for Targeted Methane Inhibition of M. ruminantium	Cellular and Molecular Biology (CELL)	HM	Christian	Altamirano	Jake	Lee	Joseph	Park
Seckinger HS	HS	Growing Bean Plants in Martian Regolith	Plant Sciences (PLNT)	HM	Braedon	St John	Chloe	Oestreicher		
Seckinger HS	HS	Effects of Fertilizers on Plant Growth in Lunar Soil Simulant	Plant Sciences (PLNT)	HM	Nellanyimar	Marin Gonzalez				
Seckinger HS	HS	The Effect of Artificial Illumination on Night Sky Visibility	Earth and Environmental Sciences (EAEV)	HM	Qing	Guan	Sophia	Huang		
Seckinger HS	HS	Why chat gpt is a Major Culprit of Environmental Pollution: The Pollution We Overlook	Earth and Environmental Sciences (EAEV)	HM	Siyeon	Park	Jeongyeon	Park		
Seckinger HS	HS	Light and Life: Investigating the Growth of Reef Phytoplankton	Earth and Environmental Sciences (EAEV)	HM	Juana	Gomez Cabrates	Manuela	Higinio Giraldo		
Seckinger HS	HS	Harnessing Plants and Technology to Clean the Air We Breathe	Environmental Engineering (ENEV)	HM	Linh	Vu	Minh	Bui		
Seckinger HS	HS	The Energetic Energy Usage Tracker	Environmental Engineering (ENEV)	HM	Ty	Tepe				
Seckinger HS	HS	Tread Pattern and Traction: An Experimental Study Using Remote Control Car Tires	Materials Science (MATS)	HM	Adam	Bullen				
Seckinger HS	HS	Speed Bumps and Non-newtonian fluid	Materials Science (MATS)	HM	Dongjae	Nam	Dylan	Park		
Seckinger HS	HS	Drop by Drop: The effects of Height and Surface Type on Blood Spatter	Materials Science (MATS)	HM	Emerie	Small				
Seckinger HS	HS	Consumption Trend of AI Data Centers: Their Implication, and Predicting for Year 2030	Energy: Sustainable Materials and Design (EGSD)	HM	Ireh	Lee	Kenzie	Vasquez		
Seckinger HS	HS	Exploring an Alternative Explanation for Cosmic Expansion Using a Decaying Binding Term	Physics and Astronomy (PHYS)	HM	Yeonkyung	Kim				

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Seckinger HS	HS	<i>The effect of irregular shapes on terminal velocity and fall time.</i>	Physics and Astronomy (PHYS)	HM	Kai	Mintz				
Seckinger HS	HS	<i>How Aerodynamics Affect Track Times on Cars</i>	Physics and Astronomy (PHYS)	HM	Jeremiah	Biddy	Rabee	Khan	Kyle	Benken
Seckinger HS	HS	<i>Ballistics & Impressions</i>	Physics and Astronomy (PHYS)	HM	Ryan	Warnicke	Jace	Purdie		
Seckinger HS	HS	<i>Mini Electromagnetic Tractor Beam</i>	Engineering Technology: Statics and Dynamics (ETSD)	HM	Jack	Kim				
Seckinger HS	HS	<i>AutoAware: Sensor-Driven Traffic Compliance Tool for AVs</i>	Engineering Technology: Statics and Dynamics (ETSD)	HM	Dowon	Lim				
Seckinger HS	HS	<i>Eco-Friendly Performance Engine Platform</i>	Engineering Technology: Statics and Dynamics (ETSD)	HM	Yousef	Said				
Seckinger HS	HS	<i>Electromagnetic Emergency Brakes for Elevators</i>	Engineering Technology: Statics and Dynamics (ETSD)	HM	Jason	Bently				
Seckinger HS	HS	<i>Navigating The Confusion Between Large Language Models</i>	Robotics and Intelligent Machines (ROBO)	HM	Louis	Dang	Sarah	Kersey	Tonny	Lin
Seckinger HS	HS	<i>Self Machine Learning Model Generation via Fine-Tuned LLM for Synthesizing Task-Specific Narrow AI Models</i>	Robotics and Intelligent Machines (ROBO)	HM	Khong	Ngo				
Seckinger HS	HS	<i>Sentiment Analysis of Product Reviews Using Python Lexicon</i>	Robotics and Intelligent Machines (ROBO)	HM	Elif	Aşıcıoğlu				
Seckinger HS	HS	<i>How Does the Absence of Outside Resources Affect Generative Artificial Intelligence Ability to Analyze and Demonstrate Creativity?</i>	Robotics and Intelligent Machines (ROBO)	HM	Ara	Lee	Yewon	Park		
Seckinger HS	HS	<i>AI-Driven Quadruped Robotics: Autonomous Fetch-and-Deliver via Computer Vision, AI Path Planning, and Custom Robotic Arm</i>	Robotics and Intelligent Machines (ROBO)	HM	Brody	Baker	London	Smith		
Seckinger HS	HS	<i>AI-Based Obstacle Avoidance</i>	Robotics and Intelligent Machines (ROBO)	HM	Brandon	Campbell-Brown	Somotochukwu	Anyanwu		
Seckinger HS	HS	<i>Rebooting the Reef: AI Cleanup Strategies</i>	Robotics and Intelligent Machines (ROBO)	HM	Sean	Kim	Winston	Nguyen	Joshua	Park
Seckinger HS	HS	<i>How can AI analyze live dash-cam footage to interpret the best course of action?</i>	Robotics and Intelligent Machines (ROBO)	HM	Tyler	Le	Kenny	Lin	John	Ha
Seckinger HS	HS	<i>Money Talks</i>	Robotics and Intelligent Machines (ROBO)	HM	Yujin	Kong	Sophia	Tran	Madison	Vue
Seckinger HS	HS	<i>The Effectiveness of Large Language Models (ChatGPT, GeminiAI, Copilot) in Detecting Top 10 most frequent Diseases in the United States to determine if a patient should seek professional help.</i>	Robotics and Intelligent Machines (ROBO)	HM	Matthew	Yohannan	Austin	Kim	Tai	Park
Seckinger HS	HS	<i>The Ethics of AI in the Courtroom: Minimizing Human-Error on the Basis of Cognitive Bias</i>	Robotics and Intelligent Machines (ROBO)	HM	Evangeline	Smith				
Seckinger HS	HS	<i>Focus Time: AI Study Assistant</i>	Systems Software (SOFT)	HM	Misha	Gandhi				
Seckinger HS	HS	<i>A Proposed Novel Machine Learning Model for Power Grid Modernization</i>	Systems Software (SOFT)	HM	Nathan	Varnadoe	Brandon	Wright	John	Lee
Seckinger HS	HS	<i>Tardy Kiosk</i>	Systems Software (SOFT)	HM	Kaiden	Laporte	Dean	van der Hart		
Seckinger HS	HS	<i>SkillsSync: A Smarter Way to Play</i>	Technology Enhances the Arts	HM	Matthew	Shuster				
Seckinger HS	HS	<i>Real Art</i>	Technology Enhances the Arts	HM	Jacob	Wheeler				
Seckinger HS	HS	<i>PersonaLens</i>	Technology Enhances the Arts	HM	Rihanna	Dale				
Seckinger HS	HS	<i>Diagnosing Covid and Pneumonia Using AI (For laymen as well as for Medical staff)</i>	Translational Medical Science (TMED)	HM	Hiya	Suthar				
Seckinger HS	HS	<i>Write Mentality</i>	Translational Medical Science (TMED)	HM	Peighton	Underwood-Dupree	Angelines	Yang		
Shiloh HS	HS	<i>Protein Bars vs Protein Shakes</i>	Behavioral and Social Sciences (BEHA)	HM	Isaac	Nuri				
Shiloh HS	HS	<i>Swimming in Sync</i>	Behavioral and Social Sciences (BEHA)	HM	Elishai	Osarenkhoe				
Shiloh HS	HS	<i>Can Emotions Affect Athletic Performance</i>	Behavioral and Social Sciences (BEHA)	HM	Zyaire	Rule				

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Shiloh HS	HS	Gatorade vs Water	Behavioral and Social Sciences (BEHA)	HM	Raylin	Donald				
Shiloh HS	HS	Impact of Warm-up on Endurance during Soccer Athletes	Behavioral and Social Sciences (BEHA)	HM	Leah	Akilla				
Shiloh HS	HS	Investigating Warm-Up Intensity and Heart Rate Recovery	Behavioral and Social Sciences (BEHA)	HM	Katelyn	Morrow				
Shiloh HS	HS	All Natural Pesticide	Plant Sciences (PLNT)	HM	Elizabeth	Cole				
South Gwinnett HS	HS	Almond Flour Iron Absorption in Acidic Environments	Biochemistry (BCHM)	HM	Chelsea	Mulunda	Jenrola	Hazeez	Faeezah	Ashiru
South Gwinnett HS	HS	The cold wash challenge	Biochemistry (BCHM)	HM	Aniyah	Merritt				
South Gwinnett HS	HS	Natural Food Dyes vs Artificial Dyes	Biochemistry (BCHM)	HM	Zora	Niare	Nahlah	Sule	Najada	Murray
South Gwinnett HS	HS	Can plants thrive without soil?	Earth and Environmental Sciences (EAEV)	HM	Ivy	Jones MS				
South Gwinnett HS	HS	Natural Berry Dyes	Materials Science (MATS)	HM	Destiny	Raine	Jlanna	Acolaste		
South Gwinnett HS	HS	Comparing Natural Materials as Thermal Insulators	Materials Science (MATS)	HM	Tilly	Das	Gabriella	Allen	Ithamar	Padilla
South Gwinnett HS	HS	The Cool Blue Light of Luminol	Chemistry (CHEM)	HM	Janice	Joseph	Araiza	Lara Juan		
South Gwinnett HS	HS	Melting Ice with Different Solids	Chemistry (CHEM)	HM	Alan	Garcia				
South Gwinnett HS	HS	Slime Sweepers: Dirt vs Slime	Chemistry (CHEM)	HM	Jenesis	Heartsfield	Shaylah	Bopp		
South Gwinnett HS	HS	Pill Dissolving Time Comparison	Chemistry (CHEM)	HM	Maria	Chefor				
South Gwinnett HS	HS	The Effect of Natural Dyes on Fabric	Chemistry (CHEM)	HM	Claudia	Ampong				
South Gwinnett HS	HS	Electrolyte Drink Test	Chemistry (CHEM)	HM	Joshua	Angrand	Fanghan	Kouassi		
South Gwinnett HS	HS	The Chemistry of Hair Lightening	Chemistry (CHEM)	HM	Margaret (Maggie)	Baker				
South Gwinnett HS	HS	Turbine Trials: Testing Blade Materials to Power a Model Home	Energy: Sustainable Materials and Design (EGSD)	HM	Taylor	Brown	Estelle	Lubula	Avani	Napier
South Gwinnett HS	HS	Solar Panels: Solar Powered Boat	Energy: Sustainable Materials and Design (EGSD)	HM	Isaac	De Leon Romero	Henry	Glover	Theresa	Ross
South Gwinnett HS	HS	Solar Synthesis	Energy: Sustainable Materials and Design (EGSD)	HM	Stephen	Woods	Jayden	Theophan	Zachary	Bautista
South Gwinnett HS	HS	The Hydropower Cycle Turning motion into light	Energy: Sustainable Materials and Design (EGSD)	HM	Maya	Wallhour	Adriana	Thomas	Na'Lon	Marlin
South Gwinnett HS	HS	Water Cymatics	Physics and Astronomy (PHYS)	HM	Abiola	Thomas	Ashly	Caballero		
THRIVE Christian Academy	HS	Gnat Attack	Chemistry (CHEM)	HM	Skylar	Marlin				
THRIVE Christian Academy	HS	Aerovolt	Engineering Technology: Statics and Dynamics (ETSD)	HM	Jaylen	Linton				
THRIVE Christian Academy	HS	Can AI Be Humanized	Robotics and Intelligent Machines (ROBO)	HM	Christina	Wise				