

Category Code	Student Last Name	Student First Name	Student Grade	Title	School Name
ENV	Meyer	Bree	9	Fertilizers and runoff	Arlington Career Center
ENV	Carrington	William	11	The Effectiveness of Silver Nanoparticle Infused Blotting Paper on Bacterial Contaminated Water	Central Virginia Governor's School for Science & Technology
ENV	Chun	Grace	11	The Effectiveness of <i>Lemna minor</i> in the Removal of Acidic Deposition	
ENV	Diminick	Hunter	11	The Effect of Auxin (Indole-3-Acetic Acid) on Phytoremediation by <i>Helianthus annuus</i> on Lead Contaminated Soil	
ENV	Flynn	Porter	11	What Effect Does the Southern Oscillation Have on the Number of Hurricanes and Major Hurricanes in the Northern Atlantic Basin	
ENV	Kim	Ashley	11	The Effect of Diethyl Phthalate on the Number of Offspring of <i>Drosophila melanogaster</i>	
ENV	Liu	Isaac	11	The Effect of Mixing Intensity on Anaerobic Digestion	
ENV	Marshall	Barrett	11	The Effects of Ammonium Nitrate on Daphnia Lifespan	
ENV	Belvin	Abigail	12	Zooplankton Composition and Particulate Organic Carbon Flux in Late Summer in the York River Estuary	Chesapeake Bay Governor's School for Marine & Environmental Science
ENV	Bligiotis	Michael	12	There is a Monster in the Chesapeake Bay: A Study on the Effect of Caffeine on <i>Fundulus heteroclitus</i>	
ENV	Chen	Jason	12	Assessment of Sea Level Rise in Middlesex County and Its Influence on Future Storm Surges and Waterfront Property	
ENV	Hart	Kristina	12	Relationships between the Global Effects of Greenhouse Gases, Time, Latitude, and Percentage of Industry	
ENV	Hudgins	Edwin	12	Growth Rate and Allocation of <i>Crassostrea virginica</i> in the Rappahannock and Piankatank Rivers	
ENV	Lankford	Justin	12	That's Shocking! A Study of the Seasonal Differences in Freshwater Fish Population	
ENV	McMeekin	Julie	12	The Effects of Material and Location on the Number of Stygobites Found	
ENV	Miller	Samantha	12	The Efficacy of Different Oyster Restoration Strategies	
ENV	Pemberton	Carlie	12	The Effects of Oyster Sentinels on Shoreline Erosion	
	Pemberton	Connor	12		
ENV	Ransone III	Sterling	12	Effect of Current Speed on Sediment Dynamics of Gwynn's Island	
ENV	Tidman	Eleanor	12	The Effects of the Amount of Time Leaf Packs are in the Water on Leaf Decomposition and Macroinvertebrate Colonization	
ENV	Woolford	Kerry	12	The Effects of Flow rate and Vegetation Coverage on Trematode Infection in Freshwater Snails	

ENV	Domer	Thomas	9	The Effect of Cover Crop Species on Soil Erosion	Clover Hill High School
ENV	Jennings	Gabrielle	11	The Effect of Engineered Methods on Desalination and Water Purification	
	Lopez	Sydney	11		
ENV	Levon	Emma	9	The Effect of Virginia Native Aquatic Plants on the Levels of Nitrogen, Phosphorus, and Potassium in Lake Water	
ENV	Jackson	Sarah	12	The Study of the Fossils Found in the Rocks at Harrisonburg High School from the Middle to Lower Ordovician Period	Harrisonburg High School
ENV	Jost	Evan	11	Effects of Salinity on the Germination of Zea Mays	
	Morris	Rodney	11		
	Rodriguez	Christian	11		
ENV	Lebo	Samuel	12	Power of a Domestic Composter	Mathematics & Science Academy at Ocean Lakes High School
ENV	Amberkar	Ojas	10	The Effect of Types of Algae on a Filter upon CO2 Emissions	Mills E. Godwin High School
ENV	Desai	Pavan	9	The Effect of Location Along the James River on Turbidity and Dissolved Oxygen	
ENV	Duong	ThanhLong	10	The Effect of Light on Plastic Degradation	
ENV	Farney	Emma	10	The Effect of pH on River Sediments Dissolving Rates	
ENV	Hull	Noah	11	Iron-Impregnated Biochar vs Manganese Greensand on Aquatic Arsenic Removal	
ENV	Icalla	Janine	9	The Effect of Acetaminophen on the Reproduction of Daphnia magna	
ENV	Konidala	Chamanthi	9	The Effect of Types of Radiation on the Germination of Raphanus Sativus (Radish) Seeds	
ENV	Lee	Madison	9	The Effect of Ultra-Violet Light on the Growth of Yeast	
ENV	Murali	Shreya	10	The Effect of Different Water Purifiers on the Filtration of Pond Water	
ENV	Nayak	Rishika	9	The Effect of Different Seeds as Coagulants on Turbidity	
ENV	Nemani	Vaishnavi	9	Concentration of Flocculant Aluminum Sulfate on Daphnia magna Population Size	
ENV	O'Shea	Cory	11	The Effects of Various Tree Species on Ethanol Production Efficiency	

ENV	Rathore	Saran	10	A Procedural Cleaning of Oil Spills with Varying Sorbents	Mills E. Godwin High School
ENV	Salkey	Adrienne	9	The effect of Dried Banana on the Filtration of Nitrates	
ENV	Schaefer	Ethan	10	The Nucleation Abilities of Various Glaciogenic Seeding Agents Based on Temperature	
ENV	Shah	Apurv	11	pH Remediation of Alkali Soil using IRN-77 Amberlite Cation Resin	
ENV	Shepard	Leila	10	Does Caffeine Act as an Endocrine Disruptor in Our Water Bodies?	
ENV	Tan	John Conrad	9	The Effect of Heat on Seed Germination of Grassland Seeds	
ENV	Tummala	Rajit	9	The Effect of Beet Molasses on Toxicity of Daphnia magna	
ENV	Zhang	David	11	The Effect of Various Nutrients on Proliferation of Harmful Algae	
ENV	Zhang	Chunxi	11	A Novel Approach to Chemical Retention on Peat Moss	
ENV	Ayers	Drew	11	The Cycle of Nitrogen Between Chickens, Microflora, and Crop Production	Southwest Virginia Governor's School
ENV	Barnes	Dallas	12	Air Quality in Cave Exploration; Carbon Dioxide Levels and Humans Present	
ENV	Smoot	Olivia	11	Phytoremediation of Zinc Sulfate Using Hyperaccumulating Sunflowers in a Hydroponic System	
ENV	Cohen-Suarez	Camila	9	Nowhere to Go: the Case of Stormwater Runoff	T. C. Williams High School
ENV	Cohen-Suarez	Emile	9	Superhydrophobicity and the Lotus Effect in Different Materials	
ENV	Keough	Savannah	9	Hydroponics vs. Soil: Is there a better alternative for plant growth?	
ENV	Lewis	Tichara	9	Pea Plants Under Microwave Radiation	
	Solorzano	Karina	9		
ENV	Moniz	Sophie	9	How pH and acidity affect the survival rate of brine shrimp?	
ENV	Pozo	Jatsuka	9	Skimming the Surface of Dead Zones	
ENV	Solomon	Abigail	9	What Would Steve Irwin Do - a study of the effect of homemade coagulants on micro oil droplets	

ENV	Bumbary	Turner	9	Utilizing a Network of Weather Stations to Forecast Weather in Developing Countires	Thomas Jefferson High School for Science & Technology
ENV	Kotliarov	Antonia	10	The Effect of Different Types of Fertilizer on Algae Growth	Wakefield High School
ENV	Machion	Sydney	9	Micro-Meltdown: The Effect of Ice Melt Products on Algae Growth	
ENV	Anzaldi	Luke	10	The Effect of Stream Location on Ammonia Concentrations and Bacterial Levels	Washington-Lee High School
ENV	Arnade	Eva	10	The Effect of pH and Shell Type on Shell Mass	
	Charles	Nicole	10		
ENV	Brodowski	Skylar	11	Long-term and Short-term Effects of NASA Rocket Launches on Groundwater Contamination Around Virginia's Eastern Shore	
ENV	Byers	Jessica	10	What is the effect of different locations of the Chesapeake Bay on the quality of the water.	
ENV	Clarkson	Emma	9	The Effect of Different Deicers Mixed with Water on Human Hair Absorption Rate	
ENV	Gimlin	Charlotte	10	The effect of fertilizer on the rate of limestone erosion	
ENV	Howard	Charlotte	10	Tsunami Prevention	
ENV	Howder	Nathaniel	9	What is the effect of house age on the amount of copper in tap water?	
ENV	Jacques	Juliette	10	The Effect of Algae on the pH of Acidified Water	
	Shaker	Elena	10		
ENV	LaGrassa	Vincent	11	The Effect of Sediment in Water Samples on UV Light Sterilization	
ENV	LaMantia	Edith	9	The Effect of Material Type on Pesticide Level of Runoff	
	Robinson	Lucy	9		

ENV	LaMantia	Ellie	9	The Effect of Temperature on the Amount of Dissolved Oxygen Produced Through Algae in Water	Washington -Lee High School
	Roggen	Elijah	9		
ENV	Maly	Evan	9	The Effect of the Structure of Orthorhombic Bravais Lattices on its Stability	
ENV	Regalia	Camilla	9	The Effect of the Substance Painted on a Pumpkin on Animal Consumption	
ENV	Rood	Sydney	10	The Effect of Different Coastal Plants on Soil Erosion in the Chesapeake Bay	
ENV	Shuster	Sabrina	10	The Effect of Land Use on Water Quality	
ENV	Siegal	Christine	10	The Effect of pH on How Long Bioluminescent Algae Survives	
ENV	Starr	Sarah	11	The Effect of Changing Concentration of Ammonium nitrate on Chlorella vulgaris' Ability to Absorb Nitrate in Water.	
ENV	Tadesse	Mignote	10	The Effect of Nutrients and Enzyme on The Degradation of Oil by Stream Water Microbes	
ENV	Tankersley	Max	10	The Effect of pH on Duckweed Growth	
ENV	Vargas	Andrea	11	The Effect of different rates of eutrophication in pH	
ENV	Ambellu	Galilee	9	The Effect of the Area of Soil Collection from the Origin Point on the Amount of Lead Found	Yorktown High School