

	A	B	C	D	E
1	2020 BOT Acceptances				
2	Student Last Name	Student First Name	Student Grade	Title	School Name
3	Wang	Jackie	11	Effects of Inositol Pyrophosphates on the Growth Rate and Physical Characteristics of <i>Arabidopsis thaliana</i>	Blacksburg HS
4					
5	Barnett	Benjamin	11	The Effect of Mycorrhizal Fungi on the Growth of Milkweed in Acidic Soil	Central Virginia Governor's School
6	Chiodo	Addison	11	The Effect of the Application of Oxybenzone on the Growth of <i>Lemna minor</i>	
7	Tipps	Joshua	11	The Effect of UV-B Exposure on the Height and Leaf Number of Glycine max	
8	Croasdale	Courtney	12	Fungus Among us: The Effects of Mycorrhizae Fungus on Both Fruiting and Non Fruiting Plants	
9					
10	Boykin	Desmen	9	The Effects of Different Plant-Based Microplastic Polymers on the Nelumbo nucifera Plant	Forest Park High School
11					
12	Adhikari	Bhavana	10	The Effect of Different Aquatic Plants and Seagrasses on the Difference in pH of Carbonic Acid Rich Saltwater	
13	Adunoor	Hemansh	10	The Effect of Various Heavy Metals on the Photosynthetic Rate of <i>Elodea canadensis</i>	
14	Angel Zamora	Maria	10	The Comparison Between Two Prominent Salt Tolerance Mechanisms; Sodium Secretion in <i>C. quinoa</i> and Sodium Compartmentalization in <i>G. hirsutism</i>	
15	Eroshenko	Elizabeth	11	The Effect of Nanoparticles on the Radicle Length of <i>Pisum sativum</i>	
16	Friedman	Philip	9	The Effect of Soil pH on Growth of <i>Raphanus sativus</i>	
17	Hudgins	Julia	9	The Effect of Nutrients on <i>Raphanus sativus</i> Under UV Light	
18	Link	Rowen	11	The Effect of Changeable Climate on Physiological Responses of C3, C4, and CAM Plants	

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19	Lionberger	Emily	10	The Effect of Biochar on its Ability to Promote Growth in a Post-Wildfire Environment	Todd Allen Phillips Center for Medical Sciences at Godwin High School	
20	Makarla	Anika	9	The Effect of Soil Types and Magnetic Strength on Plant Growth of <i>Raphanus sativus</i> .		
21	Mulpuru	Nishaanth	10	The Effect of Heavy Metals on CO2 and O2 Production of Mung Bean (" <i>Vigna radiata</i> ")		
22	Sathish	Abhinav	12	The Effect of Food Waste Infused Soil on <i>Trigonella foenum-graceum</i> Growth		
23	Sriniaiyer	Sudarshan	9	The Effect of Salinity Stress on Catmint Growth		
24	Wen	Christina	9	The Effect of Vitamins on <i>Brassica rapa</i> ssp. <i>pekinesis</i> Growth		
25	Wen	Raymond	9	The Effect of Calcium Carbonate on Aquatic Plant Oxygen Production		
26	Wright	Marshall	9	The Effect of Tobacco Concentration in Water on Peanut Growth		
27	Zhou	Eric	9	The Effect of Cigarette Butts on <i>Lolium perenne</i> Height		
28						
29	Bill	Holland	11	Viability of Hybrid American-Chinese Chesnuts as Caloric Substitute for American Chesnuts		Harrisonburg High School
30	Henderson	Nathan	11			
31						
32	Madan	Shreya	9	Can Essential Oils be Allelopathic to <i>Lolium multiforum</i> without Harming <i>Solanum lycopersicum</i> ?	Hidden Valley High School	
33						
34	Harris	Dawn	9	The Effects of Plant Type on Pollution Mitigation		

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35	Drake	Amarie	9	The Effects of Pollution on Aquatic Plants	Portsmouth STEM @ I.C. Norcom High School
36	Pearce	Brooke			
37					
38	Laflam	Margaret	10	The Effect of <i>Manduca sexta</i> on the Total Phenolic Content of <i>Solanum lycopersicum</i>	Roanoke Valley Governor's School for Science and Technology
39	Likens	Madalyn	9	The Allelopathic Effect of <i>T. patula</i> Organs on the Germination & Growth of <i>L. lycopersicum</i> and <i>T. repens</i>	
40	Little	Eleanor			
41	Cruz	Kevin	12	Analyzing Sunflowers' Phytoremediation Capacities for Heavy Metal Pollutants	
42	Newman	Benjamin			
43					
44	Marion	Cassady	12	The Impact of Arbuscular Mycorrhizal Fungi on Marigold Development in Microplastic-Contaminated Soil	Southwest Virginia Governor's School
45					
46	Mohamed	Lara	9	What is the Effect of Genetic Modification on the Growth Rate of a Soybean Plant?	
47	Portner	Noah	11	The Effect of Chitinase from Various Sources on Mycorrhizal Root Coverage	
48	South	Laura	9	The Effect of Water Purification Methods on Plant Growth	
49	Tsai	Benjamin	9	The Effect of Microplastics on Soybean Growth	
50	Allen	Lily	9	The Effect of Different Fuels on the Growth of <i>Elodea canadensis</i>	

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2	Student Last Name	Student First Name	Student Grade	Title	School Name
51	Fiske	Sassan	9	The Effect of Single Material Composts on Growth Rate of Radish Plants	Washington-Liberty High School
52	Friedman	Annabel	9	The Effect of Stimulants on Duckweed plants (<i>Lemna minor</i>)	
53	Goeke	Madison	9	The Effect of Algae Species Grown in a Photobioreactor on Algal Biomass for Biofuel Production	
54	Huson	Teo	9	"Kill or get Killed" A Study On the Allelopathic Properties of the Nut Tree Family Native to Northern Virginia	
55	Lopez-Lopez	Maria	9	The Effect of Different pH Levels of Liquids on the Process of Seed Germination.	
56	Franklin	Caroline	9	The Effect of Liquid Fertilizer on Bush Bean Plan Growth	
57	McDonald	Erin	9		
58					
59	Nagle	Zoe	9	The Effect of Salinity of Water on Plant Growth	Yorktown High School
60	Sokol	Joshua	11	The Effect of the Initial Quantity of Arbuscular Mycorrhizal Propagules on the Growth of Plants in Soil With a Reduced pH	