

2024 CPS Science Exhibition Participants

#	Last Name, First Name	Grade	Type	Project Title	School Name
Aerospace					
1	Katrotzanakis, Panayiotis	7th	Exp	The Study of Airplane Brakes	Budlong
179	Lee, Yena	7th	Exp	What is the Best Shape for Stealth Aircrafts?	Franklin Fine Arts Center
2	Harold, Ramona	9th	Exp	Effects of Solar Flares on Radio Signals	Amundsen High School
3	Jones, Olivia	10th	Exp	Effect of Fin Angle on Bottle Rocket Apogee	Lane Tech College Prep
76	Weber, Eva	11th	Exp	Crater Morphology and Density of Lunar Maria	Northside Prep
Agricultural Sciences					
4	Klocke, Lila	7th	Exp	Atomic Aquaponic	Chappell School
5	Diaz, Elena	9th	Exp	Microgravity's Affect on Plant Growth	Amundsen High School
Behavioral Science					
6	Asher, Ian	7th	Exp	How Piaget's Theory Stands Today	Burley School
7	Blakeman, Mae	7th	Exp	How do Incentives Affect our Performance?	Lenart
8	Herrera, Marissa Moore, Adellen	8th	Exp	Is It Love or Is It Chemistry?	Grissom
9	Carroll, Loi	8th	Exp	How does Caffeine Affect Heart Rate	Lenart
10	Ramirez, Jax	8th	Exp	Identifying AI Text	Newberry Math and Science Academy
11	Jassal, Srishti Zoldan, Gweniveve	8th	Exp	Reading Online Versus On Paper	Skinner North Classical School
12	Mitev, Alexander Bibbo, Giuseppe	8th	Exp	Does Music have an Effect on Retention?	Skinner North Classical School
13	Marquez, Andres	9th	Exp	Music Moves: Reaction Rhythms	Carver Military Academy
14	Wu, Marlina	10th	Exp	Exposing Kinship in Familial Relationships	Payton College Prep
15	Ware, Ayana	11th	Exp	Little Star, Do You Affect Who We Are?	Carver Military Academy
16	Coomer, Sydney	12th	Exp	Effect of Mental Factors on Athlete Burnout	Lane Tech College Prep
Biochemistry					
17	Wang, Andrew	7th	Exp	What fermented fruit produces the most gas	Lenart
18	Ijimakin, Julia	7th	Exp	Burn it Down	Taft
19	Ajca-Chan, Darli Pareja, Alejandra	7th	Exp	Which Sport Drink has the Most Electrolytes?	West Park STEAM Academy
20	Marin, Jayleen Rodriguez, Daisy	8th	Exp	What Perseveres Meat the Best?	West Park STEAM Academy
Botany					
21	Carter, Kathryn	7th	Exp	Growing Greens	Chicago World Language Academy
22	Lewis, Molly Blake, Lillian	7th	Exp	Does Compost Help Radish Seeds Grow?	Franklin Fine Arts Center
23	Lopez, Jaslyn Salinas, Leah	7th	Exp	Which Soil Brand Grows a Plant Faster	Grissom
24	Herranz, Olivia	7th	Exp	How do different liquids affect plant growth?	Palmer Elementary School
25	Muench, Lauren	7th	Exp	How Plants Respond to Different Lights	Skinner North Classical School
26	Weiss, Joey	8th	Exp	Plants Of Rock	Audubon
27	Gonzalez, Esai	8th	Exp	Which Plants Adapt Best to Heat?	Chappell School
28	Sadovskiy, Martin	8th	Exp	What Vegetable?	Chicago World Language Academy
29	Rizal, Mikayla Garcia, Emily	8th	Exp	Can Worms Affect Plant Growth?	Hannah G. Solomon
30	Milsap, Elijah	8th	Exp	How Well Does UV Light Work For Plants?	Lenart
31	Brewer, Madison	8th	Exp	Flower Power	McDade Classical Elementary School
32	Anderson, Darren	8th	Exp	How do plants grown in different liquids?	Vanderpoel
33	Alvarez, Henry Martinez, Edgar	8th	Exp	Does Light Color Affect Plant Growth?	West Park STEAM Academy
34	Sims, Sky	9th	Exp	What type of flower has the best absorbancy	Carver Military Academy
35	Lenihan, Alexis	10th	Exp	Does PH/Environment Affect Ways Plants Grow	Chicago Agriculture
36	Hutcheson, Annika	11th	Exp	Effects of Water Sources on Plant Growth	Amundsen High School

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#	Last Name, First Name	Grade	Type	Project Title	School Name
Chemistry					
37	Downey, Jack	7th	Exp	Bready Or Not: A Crumby Experiment	Beaubien Elementary
38	Rynell, Flannery	7th	Exp	Which Moisturizer Works Best?	Beaubien Elementary
39	Chase, Catherine Murillo, Sophia	7th	Exp	Tap water Vs. Filtered	Budlong
40	Leftridge, A'niylah	7th	Exp	Body Scrub for Sensitive Skin	John D. Shoop Academy
41	Reyes, Jake	7th	Exp	Oxidation	Josephine C. Locke Elementary
42	Darden, Amelia	7th	Exp	Which Drink Gives You More Electrolytes?	Keller Regional Gifted Center
43	Newport, Logan	7th	Exp	Measuring the Viscosity of Pseudoplastics	Keller Regional Gifted Center
44	Cobb, Zafira	7th	Exp	Iron Rusting	McDade Classical Elementary School
45	Ibarra, Nicole	7th	Exp	Are You Gassy?	McPherson
46	Angeles, Lucas	7th	Exp	Turtle Tank Filters: Which Work Best?	Taft
47	Epure, Christopher	7th	Exp	Acid Rain is Breaking Down Your House	Taft
48	Novak, Anora	7th	Exp	Which citrus best prevents brown apples?	Waters
49	Crawford, Ariaun	8th	Exp	Which Drink Contains the Most Electrolytes?	Arthur Dixon
50	Wear, Danielle	8th	Exp	Shampoo Showdown	Audubon
51	Soliman, Isabella	8th	Exp	pH Level and Corrosion	Beaubien Elementary
52	Schuch, Frank	8th	Exp	How Do Types of Vinegar Affect Reaction?	Byrne
53	Frasor, Margaret Kupiec, Gabriela	8th	Exp	The Effect of Egg Substitutes on Cookies	Ebinger School
54	Kopier, Ella Murphey, Caroline	8th	Exp	The effect of bottled water on pH levels	Ebinger School
55	Vojtas, Payton	8th	Exp	What are the contaminants in our water?	Ebinger School
56	Kelly, Micah Jensen, Evie	8th	Exp	Get That Vita-C	Franklin Fine Arts Center
57	Davis-Carter, Jazirrah	8th	Exp	Confectionary Fire	Haley
58	Kalamperovic, Emma Talos, Maya	8th	Exp	How Clean Is Chicago's Water?	Hannah G. Solomon
59	Schott, Josephine Mak, Michelle	8th	Exp	Which Water Fountain Is the Best Quality?	Hannah G. Solomon
60	Gonzalez Vazquez, Alondra	8th	Exp	An Acidic Situation	McPherson
61	Scales, Chaniya	8th	Exp	Inflate-a-Balloon Soda	Washington H, ES
62	Wilson, Noah	9th	Exp	Gluten-Free Flours: Which One Is Best?	Northside College Prep
63	Perez, Jaylynn	9th	Exp	Candy pH	Carver Military Academy
64	Dotson, Nevaeh	9th	Exp	Whitening Toothpaste vs. Regular Toothpaste	Gary Comer College Prep
65	Rajaie, Payman	10th	Exp	The Effectiveness of Agents on Melting Ice	Lane Tech College Prep
66	Gamez-Rocha, Yamileth	11th	Exp	Accuracy of Fingerprints	Carver Military Academy
67	Lee, Adrian	11th	Des	ENR for Nitrate Removal & Ammonia Production	Lane Tech College Prep
68	Schieleit, Ella	11th	Exp	Comparing MOF Carbon Dioxide Adsorption	Northside Prep
Computer Science					
69	Cheung, Lavina Huang, Stacy	8th	Exp	Differentiating Between AI Art & Real Art	John C. Haines
70	Peters, Zakiy Raiford, Trevon	8th	Des	Fitness and Electrolytes	John D. Shoop Academy
71	Cunningham, Avery	8th	Des	Hallowez	Mary Gage Peterson Elementary
72	Vargas, Ian	12th	Des	Epifoods	Von Steuben MSC
73	Spector, Stella Panchal, Radhini	8th	Exp	AI vs Human: Are There Noticable Differences?	Skinner North Classical School
Earth Science					
74	Luna, Richard	7th	Exp	Chicago's Got Drip	McPherson
75	Paulsen, Abigail	8th	Exp	Which Cover Crop is Most Effective?	Palmer Elementary School
77	Agrawal, Nikita	12th	Des	Improving Tropical Cyclone Track Forecast	Whitney Young HS

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Electronics					
78	Ortega Gaytan, Vanessa	8th	Exp	Energy Brand	O. A. Thorp Scholastic Academy
79	Verdin, Bianca	11th	Des	Design of an Exploration Walking Robot	Lane Tech College Prep
Engineering Science					
80	Guerrero, Virginia Grover, Sarah	7th	Des	The Walker Buddy	Audubon
81	O'Leary, Katherine Sanford, Beatrice Cote, Lainey	7th	Des	No Spill Slide	Audubon
82	Robinson, Trevion	7th	Des	How Much Can It Hold?	Gillespie Technology Magnet Cluster School
83	Buonauro, Anthony Baumgartner, Chance	7th	Exp	Ionic Propulsion	O. A. Thorp Scholastic Academy
84	Crowder, Leah	8th	Des	Multi-Purpose Tray	Earhart
85	Rhodes, Ava	8th	Des	Bed Buddies	Earhart
86	King, Jayden	8th	Des	Walking Robots	Gillespie Technology Magnet Cluster School
87	Patel, Humairah Mubashiruddin, Sulayman	8th	Des	The AluPen	Mary Gage Peterson Elementary
88	Glenn, Mikayla	9th	Des	Volleyball Dropper	Chicago Agriculture
89	Vogwill, Jason	11th	Exp	Which Bridge Can You Truss?	Chicago Agriculture
90	Lenihan, Colin	11th	Exp	Going the Distance	Chicago Agriculture
91	Osuji, Divinefavour	11th	Des	Biomimicry in Prosthetic Design	Lane Tech College Prep
Environmental Science					
92	Hamman, Elijah Mullin, Brennan	7th	Exp	Straws For Earth	Chappell School
93	Lestage, Colton Craig, Donovan	7th	Des	Flood Management	Chappell School
94	Koentopp, Maize	7th	Exp	Compost Nutrient Content	Decatur Classical School
95	Alvarez Cordoba, Jimena Tellez, Emily	7th	Exp	Food Waste	Maria Saucedo Scholastic Academy
96	Fitzgerald, Emmett	7th	Exp	Growing native plants in industrial soil.	Robert A. Black Magnet School
97	Whitford-Rodriguez, Beatriz	7th	Exp	The Environmental Impact of Urban Tree Canopy	Skinner North Classical School
98	Birkos, Audrey	8th	Exp	Effectiveness of Fire Retardant Paint on Wood	Burley School
99	Almanza, Alex Montes, Daniel	8th	Des	Natural Vs Chemical shoe cleaner	Burroughs Elementary
100	Reyes, Natalia	8th	Exp	A Fin-tastic Future	Burroughs Elementary
101	Saini, Neil Tolleson-Solomon, Clare	8th	Exp	From Soil to Electricity	Decatur Classical School
102	Vazquez, Sienna	8th	Exp	Permeable Pavement to Reduce Urban Flooding	Decatur Classical School
103	Sosa, Natalia	8th	Exp	Are You Sure This "Wood" Work?	McPherson
104	Hannah, Zoe	8th	Exp	Filtration Materials and Drinking Water	Newberry Math and Science Academy
105	Mueller, Quinn	8th	Exp	Erosion Prevention	Waters
106	Acosta, Roberto Garcia Hernandez, Daniel	8th	Exp	Which Fruit Or Vegetable Gives More Energy?	West Park STEAM Academy
107	Angulo, Yoselin Silva, Adriana	8th	Exp	Which Color Absorbs the Most Light?	West Park STEAM Academy
108	Horrow, Seth	9th	Exp	Does Water Location Affect Cleanliness?	Amundsen High School
109	Cagua, Elliana	9th	Exp	Nature's Natural Water Filter	Amundsen High School
110	Tolzmann, Peter	9th	Exp	Wind direction effects on fall bird migration	Amundsen High School
111	Ba, Emily	10th	Exp	Effect of Fossil Fuels on Artemia Viability	Lane Tech College Prep
112	Marchan, Yairely	10th	Exp	Effect of Allelopathy on Seed Germination	Lane Tech College Prep
113	Lukian, Jason	10th	Exp	Effect of Natural Barriers Against Flooding	Lane Tech College Prep
114	Coomer, Riley	10th	Exp	Effect of Seasons on Urban Algae Productivity	Lane Tech College Prep
115	Wu, Leah	10th	Des	Powering Tomorrow: IL Nuclear Production	Payton College Prep
116	Lyons, Catherine	11th	Exp	What Type of Water Filter is Most Effective?	Chicago Agriculture
117	Czempinski, Alexander	11th	Exp	Effect of Burn Scar on Macroinvertebrate Diversity	Lane Tech College Prep
118	Haynes, Akosua	11th	Exp	Is The Grass Greener on the Recycled Side?	Payton College Prep

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Health Science					
119	Salim, Ramsha	7th	Exp	Age VS. Ear Size Effect on Hearing	Budlong
120	Cartagena, Kerem	7th	Exp	How different drinks affect teeth	Burley School
121	Feulner, Dylan	7th	Exp	How do movie scores affect heart rate?	Byrne
122	Morgan, Gianna Castaneda, Amiyah	8th	Exp	Diet VS Normal Soda on Your Teeth	Burroughs Elementary
123	Perez, Layla	8th	Exp	Sunny Colors	Chicago World Language Academy
124	Manella, Ava Reyes, Samantha	8th	Exp	What sports drink has the most electrolytes?	Ebinger School
125	Correa, Isaiah Torres, Jose	8th	Exp	Video games and blood pressure	Grissom
126	Viniak, Saatvik	8th	Des	A Novel Computational Based Inhibitor for CRC	Lane Tech Academic Center
127	Henderson, Ginger	8th	Exp	Will It Stick?	Lenart
128	Morris, Jazmin	8th	Exp	The Irony is Killing Me	McPherson
129	Nathan, Allen	8th	Exp	Thrombolytic Theory	
130	Blankenberger, Isabella	8th	Exp	Target Cell Types: Transcription Factors	Taft
131	Rieger, Lucille	8th	Exp	Which sports drink has the most electrolytes?	Waters
132	Roman, Genesis	9th	Exp	Kimchi pH Levels	Carver Military Academy
133	Joshi, Anaya	10th	Des	Beyond the Surface	Payton College Prep
134	Burgess, Matilda	11th	Exp	Cancer Cells Treated with Chemo & Blood Cells	Amundsen High School
135	Ibe, Rita	11th	Exp	Are Fingerprint Inherited?	Carver Military Academy
136	Marquez, Andrea	11th	Exp	Blood Spatter Analysis	Carver Military Academy
137	Ream, Landra	11th	Exp	Gene Expression and Cisplatin Treated Cancer	Lane Tech College Prep
Materials Science					
138	Lee, Emmett	7th	Exp	The Fastest Way to Solve a Rubik's Cube!	Beaubien Elementary
139	Stirling, Elsie	7th	Exp	Which Roof Material Repels Water Best?	Hannah G. Solomon
140	Mellett, Maxwell Abuhashish, Malik	7th	Exp	Pumping up the output in Desalination	O. A. Thorp Scholastic Academy
141	Aly, Sulaiman	7th	Exp	Effect of Concentration & Type of Salt on Ice	Palmer Elementary School
142	Williams, Karysn	7th	Exp	Which Filtration	Vanderpoel
143	Sanchez, Jaedyn	8th	Exp	The Future of Food Packaging: Bioplastics!	Beaubien Elementary
144	Chlebowicz, Elena	8th	Exp	What is the most absorbent diaper brand?	Ebinger School
145	Wozniak, Dominik Chamochumbi, Joseph	8th	Exp	Spray and Pray	O. A. Thorp Scholastic Academy
146	Tenorio-McBride, Cassandra	8th	Exp	Does Coloring Affect the Rate of Burn?	Palmer Elementary School
147	Rogozinski, Benjamin	10th	Exp	Pick Your Plastic	Chicago Agriculture
148	Sperling, Hannah	10th	Exp	The Effect of Hemp on Concrete Integrity	Lane Tech College Prep
Mathematics					
149	Gonzalez, Adrian	7th	Math	Madness-Methods: Fractals in the Stock Market	Decatur Classical School
150	Chen, Patrick Zhang, Jerry	7th	Math		QED
151	Ugaz, Isabel Kunkle, Jackson	7th	Math		QED
152	Popova, Lydia	8th	Math		QED
153	Shariff, Iliyan Kimmel, Ashok	8th	Math		QED
155	Yu, Sophie Rajan, Akshara	8th	Math		QED
156	Jones, Darius	8th	Math	Structure in primes	Young AC
157	Jones, Bogdan	10th	Math	Frobenius discriminants	Payton College Prep
158	Guo, JunHi	11th	Math		QED
159	Kong, Anya	11th	Math		QED
160	Wang, Kallie	11th	Math		QED
161	Barnickol, Karl	12th	Math		QED
162	Hu-Lowenthal, Aiden	12th	Math		QED

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#	Last Name, First Name	Grade	Type	Project Title	School Name
Microbiology					
163	Word, Destiny	7th	Exp	Extracting DNA	Gillespie Technology Magnet Cluster School
164	Rasche, Keeley	8th	Exp	Silver Slaughter	Audubon
165	Matiarena, Sydney	8th	Exp	What Hand sanitizer kills the most Bacteria?	Burroughs Elementary
166	Melton, Jada	8th	Exp	Agar Cell Diffusion	Ruggles S.T.E.A.M. School
167	Conwell, Winston	9th	Des	The Bio Glow Stick	Von Steuben MSC
168	Chan, Janelle	9th	Exp	The Bacteria Living Among Us	Whitney Young HS
169	Ellevog, Ashley	10th	Exp	The Effectiveness of UV-C Light	Amundsen High School
170	Surgit, Lana	10th	Exp	Effect of Synergistic Remedies on M. luteus	Lane Tech College Prep
171	Stofko, Griffin	11th	Exp	Effect of BPA on H. exemplaris CAHS Proteins	Lane Tech College Prep
172	Fairley, Jazzium	12th	Exp	Are Fingerprint Patterns Inherited?	Gary Comer College Prep
173	Kim, Julia	12th	Exp	Overexpression of JAK3 and CD69 in Coronar...	Payton College Prep
Physics					
174	Patel, Afyah Moreno, Diego Dhungana, Keya	7th	Exp	2 Fast Not Furious	Budlong
175	Alexander, Sawyer	7th	Exp	Citrusity - Can Citrus Create Electricity?	Burley School
176	Messina, J.J.	7th	Exp	Take it The Science Behind Banked Shots	Burley School
177	Czerniawski, Ashley	7th	Exp	Volt Current	Byrne
178	Cortez, Ernesto	7th	Exp	Cooling With Sound	Chicago World Language Academy
180	Schwartz, Ava Alt, Elizabeth	7th	Exp	Picking Up Fingerprints	Franklin Fine Arts Center
181	Urdaneta Largura, Eliot	7th	Exp	How Fast Can We Go?	Franklin Fine Arts Center
182	Lei, Minghui Zhu, Huaqi	7th	Exp	Paper Airplane Thickness	John C. Haines
183	Reilley, Connor	7th	Exp	Maximizing Solar Efficiency	Keller Regional Gifted Center
184	Thiede, August	7th	Exp	What A Drag!	Keller Regional Gifted Center
185	Miskewitch, Andrew	7th	Exp	Hot or cold, will magnets uphold?	Taft
186	Jaworowski, Kaya	7th	Exp	PSI vs. Soccer Ball	William E. Dever Elementary School
187	Gacgacao, Aliyah	8th	Exp	Coil Loops	Burroughs Elementary
188	Pazmino, Amelia	8th	Exp	Solar Powered Efficiency	Byrne
189	Crowe, Charles	8th	Exp	Electric Pickup	Chicago World Language Academy
190	Troncozo, Anmy Rojas Nieves, Jhostin	8th	Des	UN SISTEMA DE ALARMA PORTÁTIL .	Courtenay Language Arts
191	Bolduc, Elliot	8th	Exp	Angle of Impact on Bloodstain Patterns	Decatur Classical School
192	Aguilar, Marielena Bustamante, Yahir	8th	Exp	The Sifter	Haugan Elementary
193	Avila, Marcos	8th	Exp	Gear Teeth	Newberry Math and Science Academy
194	Patel, Hemani	8th	Exp	Light on Solar Panels	Newberry Math and Science Academy
195	Jones, Marzell	8th	Exp	A Hole in One!	Parkside STEAM Community Academy
196	Cederquist, Benjamin	8th	Exp	How Salt Affects the Melting Speed of Ice	Waters
197	Richman, Jacklin	10th	Exp	Which Water Bottle?	Amundsen High School
198	Hooper, James	10th	Exp	Wing Shape and Plane Flight	Chicago Agriculture
199	Padilla, Ivan	11th	Exp	How does Angle of Strike effect Goal Accuracy	Chicago Agriculture
200	Kaffer, Charles	11th	Exp	Prepared Piano Decibel Difference	Chicago Agriculture
Zoology					
201	Salagean, Octavian	7th	Exp	Which Water Will Hatch Shrimp the Fastest?	Hannah G. Solomon
202	Pratt, Jaylee	9th	Exp	How Does Temperature Affect a Bearded Dragon?	Carver Military Academy
203	Makkuni, Rhea	11th	Exp	Neural Mechanism Underlying Socialinteraction	Payton College Prep