

Project Titles

30	Thorium-Based Nuclear Power - The Future Of Electricity Production	Intermediate	Engineering	9	en	1
45	Drip - A Precision Agriculture System For The Developing World	Intermediate	Engineering	10	en	1
48	Physical Therapy Reward System	Intermediate	Engineering	10	en	1
49	The Innovative Dog Collar	Intermediate	Engineering	9	en	1
50	Reflections On Climate Change - Environmental Choices For Urban Roofs	Intermediate	Engineering	9	en	1
27	Developing A "Trojan Horse" As A Novel Triad Neurovascular Medicine To Treat	Intermediate	Life Science	10	en	1
32	A Novel Approach To Treating Diabetic Retinopathy	Intermediate	Life Science	9	en	1
36	Sensitizing Human Tumour Cells To Cancer Drugs With Cranberry Flavonoids	Intermediate	Life Science	10	en	1
38	Spices Are Key To Be Kidney Stone Free	Intermediate	Life Science	10	en	1
41	Electricity And Food Spoilage	Intermediate	Life Science	10	en	1
51	The Effect Of Temperature On The Residual Of Shape Memory Alloys	Intermediate	Life Science	10	en	1
147	The Effects Of Different Coulored Light On The Height Of Bean Plants	Intermediate	Life Science	9	en	1
151	Microwave Radiation And Its Effect On Life	Intermediate	Life Science	9	en	1
159	The Efficacy Of Indomethacin As A Neuroprotective Drug Against Glutamate Induced	Intermediate	Life Science	10	en	1
31	Electricity; A Rusty Catalyst? Or The Future Of Rust Prevention?	Intermediate	Physical Science	10	en	1
140	The Effect Of Different Ph Levels On The Weight Of Iron Oxide On Metal	Intermediate	Physical Science	9	en	1
142	Staying Alive With Strings	Intermediate	Physical Science	10	en	1
144	The Effect Of Salt (Nacl) On The Electric Conductivity Of Water	Intermediate	Physical Science	10	en	2
145	The Effect Of Temperature On The Resistance Of Copper Wire	Intermediate	Physical Science	9	en	1
148	Using Coloured Filters To Decrease The Amount Of Blue Light In The Spectrum	Intermediate	Physical Science	9	en	1
150	The Effect Of Poprocks On The Amout Of Co2 Produced	Intermediate	Physical Science	10	en	1
34	Arduino Controlled Cd Drive Drawing Machine	Senior	Engineering	12	en	1
35	Artificial Neural Network For Autonomous Driving	Senior	Engineering	11	en	1
37	Project Vision	Senior	Engineering	11	en	2
44	A New Hip: Image-Based Design Of A Rat Hip Prosthesis Using Metal 3D Printing	Senior	Engineering	11	en	1
46	Guinness Feeder - An Internet Connected Dog Feeder	Senior	Engineering	12	en	1
47	All Ears Music Machine	Senior	Engineering	12	en	1
152	The Application Of Different Organic Structures In The Synthesis Of Biodiesel	Senior	Engineering	12	en	3
28	Identification Of Proteins/Peptides Using Bioinformatics To Inhibit Enamel	Senior	Life Science	11	en	1
33	Investigating The Role Of Ccn1 And Ccn2 In Intervertebral Disc Health In Mice	Senior	Life Science	12	en	1
39	Voluntary Exercise Rescues Congenital Heart Defects Induced By Maternal Pre-	Senior	Life Science	11	en	1
40	A Case For Natural Food Preservatives	Senior	Life Science	12	en	2
43	The Effect Of Algal Blooms On The Great Lakes	Senior	Life Science	12	en	2
143	An Environmentally Conscious Moisturizer	Senior	Life Science	11	en	2
149	Road Salts: A Problem For The New Generation	Senior	Life Science	12	en	2
154	The Effect Of Microbeads On The Great Lakes	Senior	Life Science	12	en	1
155	Glucose Induced Expression Of Endothelin-1 And Its Relation To Diabetic Retinopathy	Senior	Life Science	11	en	1
156	Does Loss Of Rxr Alpha From Cartilage Cells Alter Spine Development?	Senior	Life Science	11	en	1
157	Oatp1A1 As A Novel Dual-Modality Reporter Gene For Cell Tracking In Living Subjects	Senior	Life Science	12	en	1
160	The Effect Of Synthetic Fragrances On Microorganisms	Senior	Life Science	12	en	3
161	Formation Of Carbonates Using Carbon Dioxide	Senior	Life Science	12	en	1
162	Determining The Best Way To Neutralize Drain Cleaner	Senior	Life Science	12	en	1
42	Bioplastic: The Material Of The Future?	Senior	Physical Science	12	en	2
141	Collecting Water From Air	Senior	Physical Science	12	en	3
146	Creating A Successful Biodiesel Using Different Types Of Cooking Oils	Senior	Physical Science	12	en	2
153	Optimizing The Process Of Rubber Tire Recycling Using Different Ph Solutions	Senior	Physical Science	11	en	2
158	Fresh Water Or Salt Water: An Examination Of Salt Pollution In The Great Lakes	Senior	Physical Science	12	en	3
3	Solar Cells And The Spectrum Of Light	Junior	Engineering	8	en	1
7	Free Energy From Air	Junior	Engineering	7	en	1
9	Smart Home	Junior	Engineering	8	en	1
12	3D Printers	Junior	Engineering	8	en	1
16	Self-Adjusting Time Companion	Junior	Engineering	8	en	1
17	The Pigr! Zero Plus	Junior	Engineering	8	en	1
18	How To Make Your Own Programming Language	Junior	Engineering	8	en	1
21	Pancake Sorting And Dna Evolutions	Junior	Engineering	7	en	1
23	W.I.N.I.T.S. (Wireless Interconnected Non-invasive Triage System)	Junior	Engineering	8	en	1
25	Free Power Generator	Junior	Engineering	6	en	1
53	Get Charged	Junior	Engineering	8	en	2
59	Solar Power	Junior	Engineering	8	en	1
60	Is Touch Typing The Most Effective Kind Of Typing	Junior	Engineering	8	en	1
61	S.A.R.A	Junior	Engineering	8	en	1
68	Infrared Waves	Junior	Engineering	8	en	1
74	Hydroelectric Energy	Junior	Engineering	8	en	1
77	Power From Water: Put Water To Work	Junior	Engineering	8	en	1

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79	Meddash Can It Save Lives?	Junior	Engineering	8 en	1
90	H2O=Power	Junior	Engineering	7 en	2
98	Can Solids Flow Like Liquids?	Junior	Engineering	6 en	1
100	How To Make A Home Made Motor	Junior	Engineering	7 en	1
105	Water Wheels	Junior	Engineering	8 fr	2
108	L'Auto Coke Et Mentos	Junior	Engineering	7 fr	2
114	Using Sunscreen Effeciently	Junior	Engineering	8 en	1
116	Pump The Liquid "Gold"	Junior	Engineering	8 en	1
118	Hero'S Engine: Newton'S Third Law On Motion	Junior	Engineering	7 en	1
124	Measuring The Surface Tension Of Water With A Penny	Junior	Engineering	7 en	1
138	Building A Cybernetic Prothstetic Arm	Junior	Engineering	6 en	2
4	The Staining Of An Egg Using Coffee,Tea,And Cola.	Junior	Life Science	6 en	1
5	L'Arrosage Des Plantes Avec L'Eau Salée Et L'Eau Normale	Junior	Life Science	8 fr	1
6	Think Before You Drink	Junior	Life Science	6 en	1
10	Cyber Security	Junior	Life Science	8 en	2
11	Controlling Diabetes	Junior	Life Science	7 en	1
13	Save Our Seas	Junior	Life Science	6 en	2
19	Direct Cellular Reprogramming	Junior	Life Science	8 en	2
26	Reward Or Punishment: Which Is The Better Motivator?	Junior	Life Science	8 en	1
29	Food Waster	Junior	Life Science	7 en	2
54	Do Screen And Text Color Affect Retention?	Junior	Life Science	7 en	1
56	L'Effet Des Liquides Sur Les Plantes	Junior	Life Science	8 fr	2
63	Underground Automated Garbage Collection: Future Of Waste Collection	Junior	Life Science	6 en	1
64	Blood Types	Junior	Life Science	6 en	1
66	Feet Vs. Fins - Does Wearing Fins Make The Swimmer Faster?	Junior	Life Science	7 en	1
70	Yeast Reproduction In Sugar Substitutes	Junior	Life Science	6 en	2
71	How To Make Ice Last Longer	Junior	Life Science	8 en	1
73	The Accessible House	Junior	Life Science	8 en	1
75	What Type Of Water Helps Beans Grow Best	Junior	Life Science	8 en	1
80	Bamboo,Moss And Charchol Water Filter	Junior	Life Science	7 en	1
81	Curing Stress: Tradional Medicine Vs Alternative Medicine	Junior	Life Science	7 en	1
82	How Does The Human Body Respond To Different Things	Junior	Life Science	6 en	1
84	Can I Eliminate The Stroop Effect By Changing The Shape Of The Words?	Junior	Life Science	8 en	1
86	Plants In The Spotlight	Junior	Life Science	8 en	2
87	The Kiki-Bouba Effect	Junior	Life Science	8 en	1
88	The Best Diabetic Sweetner	Junior	Life Science	7 en	1
91	Why The War On Drugs Is A Huge Failure	Junior	Life Science	8 en	1
92	Black Light: A Novel Indicator Of Bacterial Growth	Junior	Life Science	6 en	1
93	Investigating Beauty With The Golden Ratio	Junior	Life Science	8 en	1
94	The Notorious Staph Aureus	Junior	Life Science	8 en	2
95	Oil Spills & Ferrofluid: A New Beginning With A Promising Future	Junior	Life Science	7 en	2
96	What Stains And De-Stains Your Teeth	Junior	Life Science	6 en	1
99	Alzheimers	Junior	Life Science	7 en	1
101	Effects Of Ph	Junior	Life Science	7 en	1
102	Sitting Or Standing, Does It Even Matter?	Junior	Life Science	8 en	1
106	Chemotherapy	Junior	Life Science	7 en	1
107	L'Effet Des Types D'Eaux Sur Les Plantes	Junior	Life Science	8 fr	1
117	L'Effet Du Sel Sur Les Graines	Junior	Life Science	8 fr	2
119	Saving The Oceans Naturally	Junior	Life Science	7 en	1
120	Memory Time	Junior	Life Science	8 en	1
121	Music+Math	Junior	Life Science	7 en	1
122	Managing Psychosis: Does Better Blood Sugar Control Improve Response To Treatment?	Junior	Life Science	8 en	1
125	Skinthetics	Junior	Life Science	8 en	2
126	Do Video Game Players Have Faster Reaction Times Than Non-Players.	Junior	Life Science	8 en	1
130	B.B.D In Focus	Junior	Life Science	7 en	2
132	Antacid Effectiveness	Junior	Life Science	6 en	2
133	Musical Madness	Junior	Life Science	6 en	2
135	Plastic To Plants	Junior	Life Science	7 en	2
136	Composting	Junior	Life Science	7 en	1
1	What Happens When You Drop A Magnet Through Different Pipes	Junior	Physical Science	6 en	1
2	Water Density	Junior	Physical Science	8 fr	1
8	Charging In Motion	Junior	Physical Science	6 en	2
14	Elephant Toothpaste	Junior	Physical Science	7 en	1
20	The Acid-Base Relationship In Bath Bombs	Junior	Physical Science	7 en	1

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22	C Like A B	Junior	Physical Science	8 en	2
24	Logical Landings	Junior	Physical Science	7 en	1
55	How Antacids Realive Heartburn	Junior	Physical Science	7 en	1
57	Magnetic Motion	Junior	Physical Science	8 en	2
58	Magnetic Fields And Fluid Flow	Junior	Physical Science	7 en	1
62	Porous Material Washout	Junior	Physical Science	7 en	1
67	If You Cant Beat It, Use It!	Junior	Physical Science	8 en	1
69	How Different Types Of Liquids Affect Skittles?	Junior	Physical Science	6 en	1
72	How Clean Is Green?	Junior	Physical Science	8 en	1
76	Does Exercise Improve Memory?	Junior	Physical Science	8 en	1
78	Fondation De L'Eau	Junior	Physical Science	8 fr	1
83	Evapo-Race-Tion Do All Liquids Evaporate At The Same Rate?	Junior	Physical Science	6 en	1
85	Driven To Distraction	Junior	Physical Science	6 en	1
89	The Ferro Fix	Junior	Physical Science	8 en	2
97	L'Effet De Liquides Sur Les Ours De Gummy (How Does Liquid Affect Gummi Bears	Junior	Physical Science	7 fr	2
103	Paper Towel Vs. Water	Junior	Physical Science	7 en	2
104	Rusting Out	Junior	Physical Science	8 en	2
109	Furnace Fan Settings Effect On Temperature And Humidity	Junior	Physical Science	8 en	2
110	Sodis: A Clear Path For The Future?	Junior	Physical Science	8 en	1
111	From Amputate To Regenerate	Junior	Physical Science	8 en	1
112	The Unseen Magnetic Field Exposed!	Junior	Physical Science	6 en	1
113	What'S Shaking?	Junior	Physical Science	7 en	1
115	The Dark Side Of The Blue Light	Junior	Physical Science	8 en	1
127	Winter Boots Vs Ice	Junior	Physical Science	6 en	2
128	How To Make A Electrical Arc Furnace	Junior	Physical Science	8 en	1
129	Is Tap Water Healthy To Drink?	Junior	Physical Science	7 en	1
131	Get A Grip	Junior	Physical Science	6 en	2
134	Is It Necessary To Fluoridate Our Water?	Junior	Physical Science	8 en	1
137	Invisible Light	Junior	Physical Science	8 en	2
139	Which Drink Provides More Electrolytes? A Sports Drink Or Orange Juice?	Junior	Physical Science	8 en	1
163	Eye See You	Junior	Physical Science	7 en	1
164	Which Slinky Is Better Metal Or Plastic	Junior	Physical Science	8 en	1