

SPECTRUM OF SCIENCE FOUNDATION

HANDS ON SCIENCE WORKSHOPS

Call 925.820.2415 for pricing

Labs available with take home projects and without

1	Archeological Dig	Archeological Dig
2	Flower Press	Botany
3	Petrified Wood	Botany
4	Absorption	Chemistry
5	Acid & Bases	Chemistry
6	Bath Fizzes	Chemistry
7	Bath Salts	Chemistry
8	Body Glitter	Chemistry
9	Bubble Bath	Chemistry
10	Bubbles - Catchable	Chemistry
11	Bubbles - Surface Tension - Wooden Project	Chemistry
12	Bubblology	Chemistry
13	Chemical Eruptions	Chemistry
14	Chemical Reactions - Bubbles	Chemistry
15	Chemical Rockets	Chemistry
16	Wooden Rack)	Chemistry
17	Chemistry Of Plastics	Chemistry
18	Creative Clay	Chemistry
19	Deodorant	Chemistry
20	Endothermic/Exothermic	Chemistry
21	Explosion Of Color	Chemistry
22	Fabric Dying	Chemistry
23	Face Masks	Chemistry
24	Face Scrubs	Chemistry
25	Fungus Among Us	Chemistry
26	Hair Spray & Hair Jell	Chemistry
27	Hand Lotion	Chemistry
28	Lemon Lab	Chemistry

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29	Lip Gloss	Chemistry
30	Mani And Pedi	Chemistry
31	Moving Molecules	Chemistry
32	Mystery Powders	Chemistry
33	Paint Comparison	Chemistry
34	Perfumes	Chemistry
35	Periodic Table	Chemistry
36	Periodic Table - Fire Cracker	Chemistry
37	Periodic Table - Lemon Suds - 2 Hour Lesson	Chemistry
38	Shampoo And Rinse	Chemistry
39	Slime	Chemistry
40	Slime - Bouncable	Chemistry
41	Slime - Gak	Chemistry
42	Slime - Non-Newtonian Liquids	Chemistry
43	Slime - Phosphorescent	Chemistry
44	Soap	Chemistry
45	Starch Comparison	Chemistry
46	Toothpaste	Chemistry
47	Fractals	Earth Science
48	Ring Of Fire	Earth Science
49	Topographic Maps	Earth Science
50	Wind	Earth Science
51	Game - Endless Loop	Game
52	Game - Space	Game
53	Game - Space Bingo	Game
54	Game - Turtles	Game
55	Fossils & Trilobites	Geology
56	Geology - Rock Classification	Geology

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57	Geology Gemstones (Includes A Real	Geology
58	Observation Lab	Investigate & Experiment
59	Animal Adaptations	Life Science
60	Animal 'Spit Boards'	Life Science
61	Animal Tracks	Life Science
62	Animals: Endangered/Ancient/Extinct	Life Science
63	Ants	Life Science
64	Big Cats	Life Science
65	Brains	Life Science
66	Butterflies (preschool)	Life Science
67	Cave Elephants (Preschool)	Life Science
68	Cell	Life Science
69	Desert Biome	Life Science
70	Dissect - Fish	Life Science
71	Dissect A Shark	Life Science
72	Dissect A Squid	Life Science
73	DNA	Life Science
74	Finger Prints	Life Science
75	Flower Dissection	Life Science
76	Food Pyramid/Chain	Life Science
77	Frilled Dragon	Life Science
78	Giraffe (Preschool)	Life Science
79	Green House	Life Science
80	Habitat - Bats	Life Science
81	Habitat - Caves	Life Science
82	Habitat - Dinosaurs	Life Science
83	Habitat - Wolves	Life Science
84	Habitats (Dragon, Arctic, Desert, Urban Etc)	Life Science

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85	Hermit Crabs	Life Science
86	Horses	Life Science
87	Human Skelton	Life Science
88	Hydroponics- Solid Water	Life Science
89	Komodo Dragons	Life Science
90	Lady Bug (Preschool)	Life Science
91	Life In The Litter	Life Science
92	Lion (Preschool)	Life Science
93	Marine Biology - Jellies	Life Science
94	Metamorphosis - Butterflies	Life Science
95	Metamorphosis - Dragonfly	Life Science
96	Metamorphosis - Frog	Life Science
97	Olfactory ~ Body Splash	Life Science
98	Olfactory ~ The Nose Knows	Life Science
99	Optical Illusions & Amorphic Art	Life Science
100	Penguins, Puffins, Pelicans & Porcupine Fish	Life Science
101	Persistence of Vision	Life Science
102	Plant Germinators	Life Science
103	Plated Lizards (Preschool)	Life Science
104	Polar Bears (Preschool)	Life Science
105	Rain Forest	Life Science
106	Snakes	Life Science
107	Sound Lab	Life Science
108	Spiders	Life Science
109	Splat Boards	Life Science
110	Tarantulas	Life Science
111	Worms	Life Science
112	Yipes! It's Stripes!	Life Science

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113	Marine Biology - Leafy Sea Dragons	Marine Life Science
114	Marine Biology - Octopus (Custom Wood)	Marine Life Science
115	Marine Biology - Otters	Marine Life Science
116	Marine Biology - Pelagic Fish	Marine Life Science
117	Fish	Marine Life Science
118	Marine Biology- Ocean Zones - Aquarium	Marine Life Science
119	Marine Biology- Ocean Zones (Midnight Zone)	Marine Life Science
120	Marine Biology- Ocean Zones (Sunlight Zone)	Marine Life Science
121	Marine Biology - Echinoderms	Marine Science
122	Marine Biology - Echolocation/Dolphins	Marine Science
123	Marine Biology - Fish Or Whale Venn Diagram	Marine Science
124	Marine Biology - Ocean Zone Pop Up Book	Marine Science
125	Marine Biology - Sea Horses	Marine Science
126	Marine Biology - Sea Stars	Marine Science
127	Marine Biology - Shell Boards	Marine Science
128	Marine Biology - Sting Ray	Marine Science
129	Marine Biology - Whale Of A Tail	Marine Science
130	Marine Biology - Whales	Marine Science
131	Ocean - Shark Anatomy	Marine Science
132	Ocean - Shark Dissection	Marine Science
133	Ocean Shark - Identification	Marine Science
134	Wooden lab racks - Custom	Other
135	Color - Light Mixing	Physical Science
136	Color - Rainbow Stew	Physical Science
137	Color - Ultraviolet Light	Physical Science
138	Spy Writing	Physical Science
139	States Of Matter	Physical Science
140	Tangible Thermals	Physical Science

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141	Telediscopes & Kaleidoscopes	Physical Science
142	Telescopes	Physical Science
143	Vibrations	Physical Science
144	Volcanoes - Exploding	Physical Science
145	Volcanoes - Layers of the Earth	Physical Science
146	Water	Physical Science
147	Water Density & Stability Lab	Physical Science
148	2005 Robot, Tethered	Physics
149	2006 Hornet Bot	Physics
150	2007 Bug Bot	Physics
151	Anometer	Physics
152	Balance - Tops	Physics
153	Benham's Discs	Physics
154	Build It Challenge - Wind Up Motor	Physics
155	Cartesian Diver	Physics
156	Catapults - Large (2+ Feet Tall)	Physics
157	Catapults - Mini	Physics
158	Density	Physics
159	Earthquake - Wooden Project	Physics
160	Electrical Circuit - Ejector Rocket	Physics
161	Electrical Circuit - Electromagnet	Physics
162	Electrical Circuit - Jr. Kit	Physics
163	Electrical Circuit - Motion Detector	Physics
164	Electrical Circuit - Ocean Skimmer Boat	Physics
165	Electrical Circuit - Parallel Circuit With Light	Physics
166	Buzzers	Physics
167	Electrical Circuit - Quiz Board (2 Hour Lab)	Physics
168	Electrical Circuit - Salt Water	Physics

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169	Electrical Circuit - Simple W/Buzzer	Physics
170	Electrical Circuit - Simple W/Led's	Physics
171	Electrical Circuit - Simple W/Light	Physics
172	Electrical Circuit - Simple W/Motor	Physics
173	Flight - Cross Wing	Physics
174	Flight - Gliders	Physics
175	Flight - Lift (Newton's Law)	Physics
176	Gravity - Custom Wood	Physics
177	Machine - Lever	Physics
178	Machines - Pulley	Physics
179	Machines - Pulley - Wooden Project	Physics
180	Machines - Screw & Incline Plane	Physics
181	Wooden Board	Physics
182	Machines - Screw/Incline Plane	Physics
183	Machines - Square Wheels	Physics
184	Machines - Wheel & Axel Cart	Physics
185	Machines - Wheel & Axle - Bug Cars	Physics
186	Machines - Widget (All 6 Machines , 1.5 Hrs)	Physics
187	Machines - 2 step Combo Pulley	Physics
188	Machines - Gear Wall	Physics
189	Machines - Linking	Physics
190	Machines - Pulley	Physics
191	Machines - Pulley - Custom Wood	Physics
192	Machines - Solar Power Vehicles (2 Hour Lab)	Physics
193	Machines - Solar Whirley	Physics
194	Magnets - Buzzing	Physics
195	Magnets - Confused Magnetic Contraption	Physics
196	Magnets - Electromagnet	Physics

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197	Magnets - Levitating	Physics
198	Magnets - Maze	Physics
199	Magnets - Spin Free (2 Hour Lab)	Physics
200	Magnets - Test Kit	Physics
201	Magnets - Treasure Hunt	Physics
202	Magnification	Physics
203	Marble Rollercoaster (2 Hour Lab)	Physics
204	Path Of Light	Physics
205	Power Of Paper	Physics
206	Pyramids	Physics
207	Seismograph (2 Hour Lab)	Physics
208	Towers	Physics
209	Tunnels	Physics
210	Periscopes	Physics
211	Bridges	Physics
212	Dwarf Planets	Space
213	Space - Asteroid Lander	Space
214	Space - Astrobiology	Space
215	Space - Extraterrestrials Life In Outer Space	Space
216	Space - Layers Of The Sun	Space
217	Space - Moon Phases	Space
218	Space - Moon Radiance	Space
219	Space - Moon Scapes	Space
220	Space - Moon's Orbit	Space
221	Space - Planet Boards - 8 Planets	Space
222	Space - Planet Boards W/Dwarf Planets	Space
223	Space - Saturn' Rings	Space
224	Space - Saturn's Moons	Space

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225	Space - Solar Eclipse	Space
226	Space - Spiral Galaxies	Space
227	Space - Stellar Distances	Space
228	Space - Sun Model	Space
229	Space - Uranus	Space
230	Space (Satellites)	Space
231	Space -Constellations	Space
232	Space -Lunar Phases	Space
233	Space Quest & Cosmic Connections	Space
234	Space -Sounds in Space	Space
235	Spectroscopes	Space
236	Scientifically, Morph The Principal	Technology