



VIKRAM A SARABHAI
COMMUNITY SCIENCE CENTRE

VASCSC

Science Shop

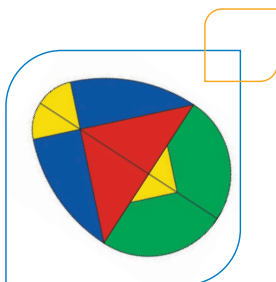
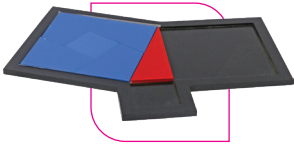


Teaching Learning Material



- Teaching Aids
- DIY – Do It Yourself
- Publication & Charts
- Interactive Exhibits
- Equipments & Gadgets

Teaching Aids



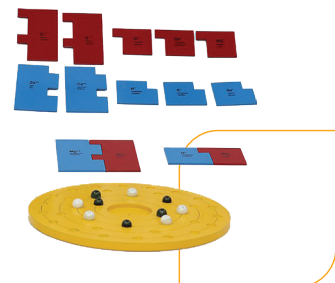
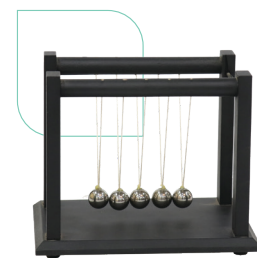
Mathematics

Sr. No.	Name	Language	Std.	Rate* ₹
1	Maths Lab Package - Preparatory	E/G	1-5	14100
2	Maths Lab Package - Middle	E	6-8	14100
3	Maths Lab Package - Secondary	E/G/H	9+	12000
4	Abacus - 5 Digits	E/G	1+	520
5	Cuisenaire Strips	E/G/H	1+	300
6	Diene's Block	E/G	1+	1600
7	Geometrical Solids (9 Shapes)	E/G/H	1+	450
8	Number Line - Table Top	E/G	1+	300
9	Place Value Cards (4 Digits, 30 Activities)	E/G	1+	390
10	Tangram Puzzle	E/G	2+	160
11	The Cardio Tangram Puzzle	E/G	2+	130
12	The Egg Puzzle	E/G	2+	130
13	Two Congruent Right Triangles	E/G/H	2+	220
14	Bring the Cat Out Puzzle	E/G/H	3+	170
15	Fraction Strips	E/G/H	3+	350
16	Make a Cube Puzzle	E/G/H	3+	260
17	Napier's Strips	E/G	3+	60
18	Parking Puzzle	E/G/H	3+	160
19	Pentominoes Puzzle	E/G	3+	180
20	1 to 6 Number Puzzle	E/G/H	4+	180
21	1 to 8 Number Puzzle	E/G/H	4+	240
22	4 x 4 Colour Square Puzzle	E/G/H	4+	150
23	5 x 5 Colour Square Puzzle	E/G/H	4+	220
24	Fifteen Blocks Puzzle	E/G/H	4+	290
25	Crazy Cubes Puzzle	E/G	5+	250
26	Number Shift	E/G	5+	160
27	Pegboard Puzzle	E/G/H	5+	180
28	Soma Cube Puzzle	E	5+	260
29	Square and Rectangular Puzzle	E/G/H	5+	170
30	Tower of Brahma Puzzle	E/G/H	5+	190
31	Algebra Tiles	E/G/H	6+	300
32	Property of Angles of a Triangle	E/G	6+	300
33	Sum of Exterior Angles of Polygons	E/G	6+	300
34	$(a+b)^2 - (a-b)^2 = 4ab$ Model	E/G/H	7+	300
35	$(a+b)^2 + (a-b)^2 = 2a^2 + 2b^2$ Model	E/G/H	7+	300
36	$(a+b+c)^2$ Model	E/G/H	7+	380
37	$(a^2 - b^2) = (a+b)(a-b)$ Model	E/G/H	7+	300
38	Bhaskaryacharya Pythagoras Model	E/G	7+	260
39	Pythagoras Theorem (Model - 1)	E/G/H	7+	340
40	Pythagoras Theorem (Model - 2)	E/G/H	7+	260
41	$(a+b)^3$ Model	E/G/H	8+	330
42	Area of Trapezium - 2	E/G	8+	180
43	Hexagonal Section of a Cube	E/G/H	9+	500
44	$\sum n^2 = n(n+1)(2n+1)/6$ Model	E/G/H	10+	420

Physics

Sr. No.	Name	Language	Std.	Rate* ₹
45	Learn with Magnets	E/G/H	5-7	900
46	<i>Bal, Gati ane Yantro</i>	G	6+	390
47	Coupled Pendulum	E/G/H/T	6+	750
48	Electricity and Circuits	E/G	6+	320
49	Play with Light	E/G/H/T	6+	900
50	Reflection of Light	E/G/H/T	7+	690
51	IoT Starter Kit	E	7+	4200
52	Learning Arduino - For Beginners	E	7+	1200
53	PCB - Designing and Making	E	7+	750
54	Robotics Starter Kit	E	7+	3300
55	Water Booster Model Rocketry Kit	E	8-12	3300
56	Double Cone	E/G/H/T	8+	300
57	Law of Inertia	E	8+	300
58	Newton's Cradle	E/G/H/T	8+	575
59	Soldering Tool Kit	E/G	11+	840

Teaching Aids

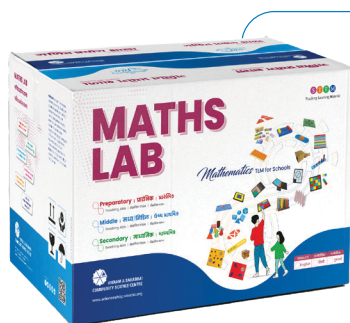
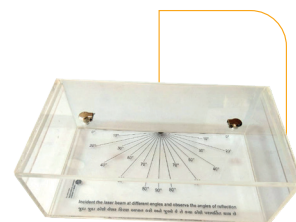


Chemistry

60	Chem for Kids	E	2-4	800
61	Fun With Chemistry	E	5-7	800
62	Separation of Substances	E/G/H	5-7	250
63	Acid Base Experiments	E/G/T	6-10	550
64	Chemical Elements on the Cards (Set of 118 Cards)	E	8+	280
65	Electrolysis of Water	E/G/H/T	9+	800
66	Structure of Atom	E/G/H	9+	750

Biology

67	BioConnect - Learning Cards	E/G	5+	300
68	Microscopic Structures (Set of 52 charts)	E	8+	600
69	<i>Sukshma Darshi Saranchano (Set of 52 charts)</i>	G	8+	600



- Ideal for learning by demonstration
- Develops interest in the learners
- Motivates active participation
- Makes learning more fun filled
- Made of sturdy material and easy to carry

DIY Do It Yourself

Mathematics

Sr. No.	Name	Language	Std.	Rate* ₹
70	Number Properties (50 Nos.)	E/G	1+	650
71	Two Congruent Right Angle Triangle (50 Sets)	E/G/H	2+	900
72	3D Shapes (Any 1 Net, 50 Nos.)	E/G	5+	500
73	3D Shapes (Set of 3D Nets, 21 Shapes)	E/G/T	5+	280
74	Make Fraction Strips (50 Nos.)	E/G	3+	550
75	Lines of Symmetry (25 Sets)	E	5+	550
76	Mathematical Envelope - Cardioid (50 Nos.)	E/G	5+	400
77	Mathematical Envelope - Nephroid (50 Nos.)	E/G	5+	400
78	Mathematical Envelope - Parabola (50 Nos.)	E/G	5+	400
79	DIY Mathematical Models (16 Nets, 20 Models)	E/G	5+	200
80	Make a Big Tetrahedron (50 Nos.)	E/G	5+	550
81	Make Angle Sum Property Model (50 Nos.)	E/G	6+	550
82	Make Pythagoras Theorem Model (50 Nos.)	E/G	7+	550
83	Area Formulas - Circle & Parallelogram (50 Nos.)	E/G	7+	550
84	Area Formulas - Rhombus and Trapezium (50 Nos.)	E/G	7+	550
85	Area Formulas - Triangle 1 & 2 (50 Nos.)	E/G	7+	550
86	Make $(a+b)(c+d)$ Model (50 Nos.)	E/G	7+	550
87	Make $(a+b)^2 - (a-b)^2$ Model (50 Nos.)	E/G	7+	550
88	Make $(a+b)^2 + (a-b)^2$ Model (50 Nos.)	E/G	7+	550
89	Make $(a+b+c)^2$ Model (50 Nos.)	E/G	7+	550
90	Make $(a^2 - b^2)$ Model (50 Nos.)	E/G	7+	550
91	Understanding Pi (25 Sets)	E/G	7+	850
92	Make $(a^3 + b^3)$ Model (50 Nos.)	E/G	8+	550
93	Make Volume of Cone & Cylinder Model (50 Nos.)	E/G	9+	550

Physics

94	Make a Magic Colour Filter (50 Nos.)	E	1-3	800
95	Make a 3D Glasses (50 Nos.)	E/G	5+	700
96	Make a Magic Coin Box (25 Sets)	E/G	5+	750
97	Make a Wonder Box (10 Sets)	E/G	5+	800
98	Make a Moon Phases Model (50 Nos.)	E/G	5-7	550
99	Make a Kaleidoscope (25 Sets)	E/G/H	5-8	1000
100	Make a Lens Camera (25 Sets)	E/G/H	5-8	1000
101	Make a Periscope (50 Sets)	E/G/H	5-8	1100
102	Make a Pinhole Camera (50 Sets)	E/G/H	5-8	1100
103	Make a Arrow Wing Glider (50 Nos.)	E/G	6+	300
104	Make a Box Telescope (10 Sets)	E/G	6+	1100
105	Make a Chuck Glider (1 No.)	E	6+	300
106	Make a Circumpolar Constellation Dial (50 Nos.)	E/G	6+	350
107	Make a Horizontal Sundial Model (50 Nos.)	E/G	6+	350
108	Make a Straight Wing Glider (50 Nos.)	E/G	6+	300
109	Make a Chandrayan Model (50 Nos.)	E/G	7+	550
110	Make a Communication Satellite Model (50 Sets)	E/G	7+	700
111	Make a Model Rocket (50 Nos.)	E/G	7+	550

Chemistry

Sr. No.	Name	Language	Std.	Rate* ₹
112	Acid Base Detection (20 Sets)	E/G	6-10	800
113	Buckyball : The Magical Molecule (50 Nos.)	E	6+	400

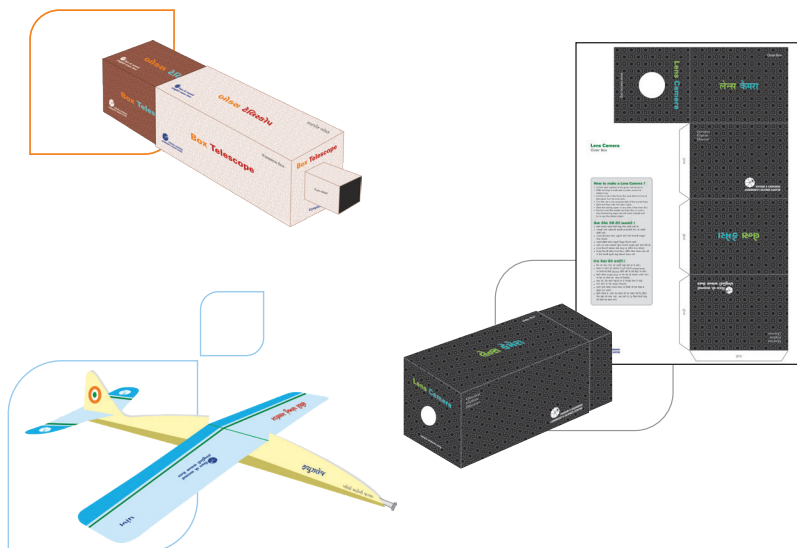
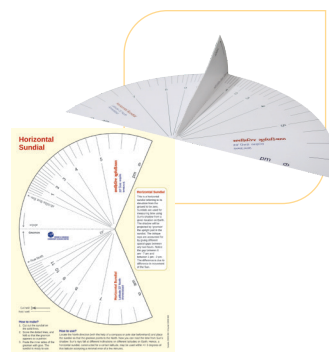
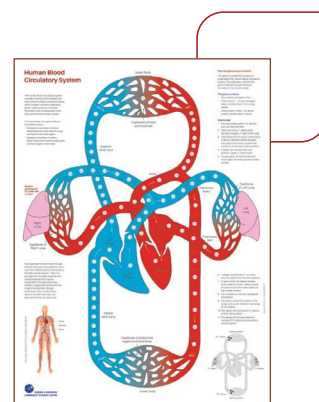
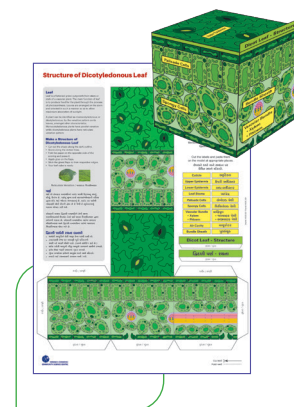
Biology

114	Human Body Organs (50 Nos.)	E/G	1-3	550
115	Water Cycle (50 Nos.)	E/G	1-5	400
116	Life Cycle of a Butterfly (50 Nos.)	E/G	1-5	400
117	Seed Identification (50 Nos.)	E/G	4+	550
118	Phototropism (50 Nos.)	E/G/H	5+	550
119	Make a Food Pyramid (50 Nos.)	E/G	5-7	550
120	Human Blood Circulatory System (25 Nos.)	E/G	6-7	550
121	Camouflage Adaptations (50 Nos.)	E	6-7	400
122	Types of Adaptations (50 Nos.)	E	6-7	400
123	Make a Bacteriophage Model (50 Nos.)	E/G	6-8	600
124	Make a Human Eye Model (50 Nos.)	E/G	6-8	600
125	Make a Human Skeleton Model (50 Nos.)	E/G	6-8	800
126	Make a Leaf Cube Model (50 Nos.)	E/G	6-8	550
127	Make an Ecological Pyramid (50 Nos.)	E/G	6-8	550
128	Sukshma Darshi Saranchano Shikho (50 Nos.)	G	8+	550

General Science

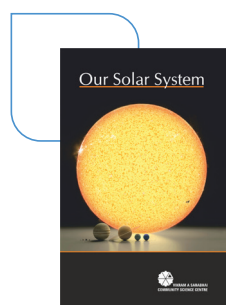
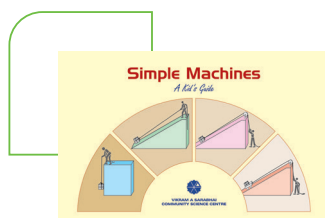
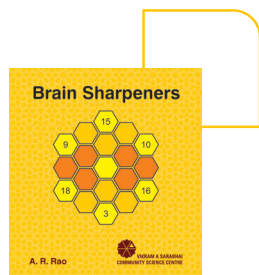
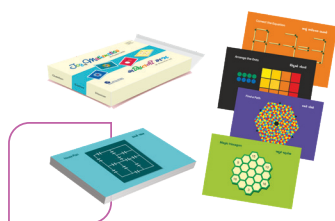
129	DIY Stem Learning Pack - Jr	E/G	1-3	225
130	DIY Stem Learning Pack - 1	E/G	3-5	200
131	DIY Stem Learning Pack - 2	E/G	6+	250
132	Make a 3D Hologram (20 Sets)	E	7+	800
133	Nature Inspired Designs (Pack of 24 cards, 50 Sets)	E	7+	600

DIY Do It Yourself



- Ideal for activity base learning
- Each student can make their own model and understand the concept
- Makes learning Engaging and Interactive
- Wide range of Low Cost Nets for Models with all required accessories

Publications & Charts



Mathematics

Sr. No.	Name	Language	Std.	Rate* ₹
134	Joy of Mathematics Puzzle Cards (Set of 30 cards)	E/G	5+	60
135	Brain Sharpeners	E	6+	120
136	<i>Buddhi Kaso</i>	G	6+	120
137	Brain Sharpeners in Hindi	H	6+	120
138	Mathematical Models and Teaching Aids	E	Educators	150
139	<i>Ganitik Model ane Shaikshanik Sadhano</i>	G	Educators	150
140	Ganitiya Model Tatha Shaikshanik Sadhan	H	Educators	150
141	Great Mathematicians of the World (Set of 26 charts)	E	5-12	400
142	<i>Vishvana Mahan Ganitshastriyo (Set of 26 charts)</i>	G	5-12	400
143	Maths Charts (Set of 12 Charts, 18" x 25")	E	5-12	375
144	<i>Ganit Pradarshan (Set of 12 Charts, 18" x 25")</i>	G	5-12	375

Physics

145	Our Solar System	E	5-7	60
146	<i>Aapnu Suryamandal</i>	G	5-7	60
147	Simple Machines	E	5-7	35
148	<i>Saada Yantro</i>	G	5-7	35
149	<i>Urja - Ek Parichay</i>	G	5-7	40
150	Why the Sky is Blue?	E	7+	20
151	<i>Akash Bhuru Sha Maate?</i>	G	7+	20
152	Single Stage Model Rocketry Handbook	E	8-12	40
153	Water Booster Model Rocketry Handbook	E	8-12	40
154	Ultrasonic and IR Sensor	E	8-12	70
155	Astronomy Charts (Set of 12 Charts, 25" x 18")	E	5-12	375
156	Messier Objects (Set of 16 Charts, 16.5" x 11.5")	E	5-12	250
157	Physics Charts (Set of 12 Charts, 18" x 25")	E	5-12	375
158	<i>Bhautikvignan Pradarshan (Set of 12 Charts, 18" x 25")</i>	G	5-12	375

Chemistry

159	Joy of Chemistry	E	6-8	90
160	<i>Rasayanvignan Ni Maja</i>	G	6-8	90
161	<i>Rasayanik Tatvo</i>	G	8+	180
162	Periodic Table Chart (23" x 36")	E	8+	30
163	<i>Avart Kostak (18" x 25")</i>	G	8+	15
164	Chemistry Charts (Set of 12 Charts, 18" x 25")	E	5-12	375
165	<i>Rasayanvignan Pradarshan (Set of 12 Charts, 18" x 25")</i>	G	5-12	375

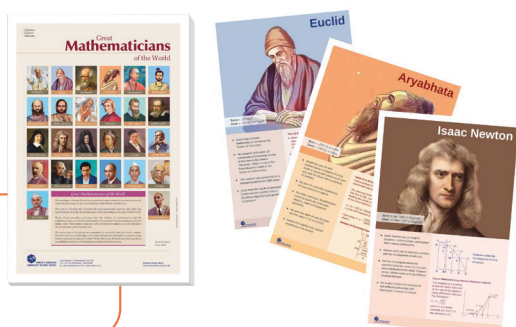
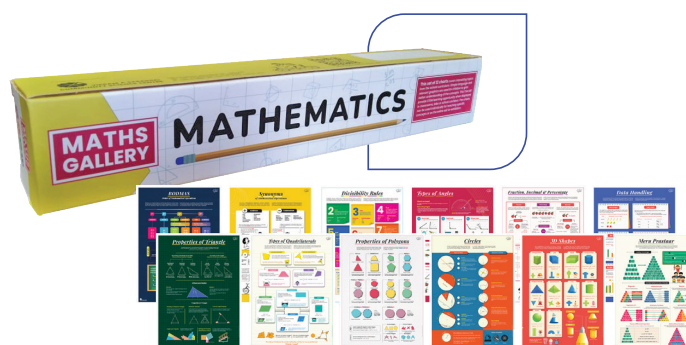
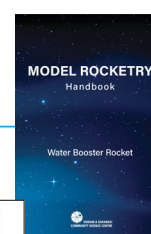
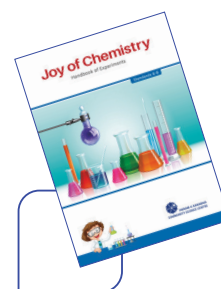
Biology

Publications & Charts

Sr. No.	Name	Language	Std.	Rate* ₹
166	<i>Paryavaran Ane Maaru Jeevan</i>	G	3+	40
167	Biology Charts (Set of 12 Charts, 18" x 25")	E	5-12	375
168	<i>Jeevignan Pradarshan (Set of 12 Charts, 18" x 25")</i>	G	5-12	375

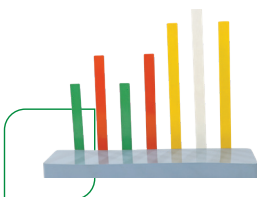
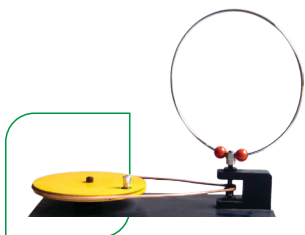
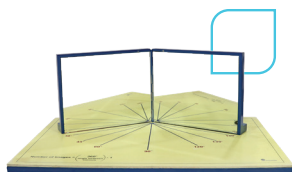
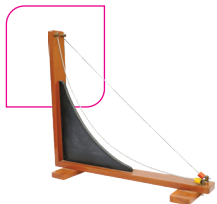
General Science

169	<i>Gammat Saathe Vignan</i>	G	3+	90
170	Joy of Learning Teachers Manual - 1	E	3-5	95
171	Optical Illusions	E	5+	90
172	<i>Drashtibhram</i>	G	5+	90
173	<i>Kaansa No Rankar</i>	G	5+	30
174	Streams of Knowledge	E	5+	70
175	Fundamentals of 3D Printing and Designing	E	8+	50
176	<i>Shikhvano Anand Teachers Manual - 3</i>	G	9+	120
177	Dr. Vikram Sarabhai - A Life in Nation Building	E	All	100
178	<i>Dr. Vikram Sarabhai - Rashtra na Ghatat Ne Samarpit Jivan</i>	G	All	100
179	<i>Vignan Drashti - Old Issues (Set of 6)</i>	G	5+	100
180	Joy of Science Notebook (72 Pages)	-	-	30
181	School Label Sheet (48 Labels)	E	All	40



- Ideal for exhibition, display and library
- Informative reference material
- Illustrative and Colourful

Interactive Exhibits



Mathematics

Sr. No.	Name	Language	Std.	Rate* ₹
182	Number Line (Large Flex, 25' x 3')	E/G/H	1+	2600
183	Lines of Symmetry Exhibit	E	5+	800
184	Topology Puzzle	E/G/H/T	5+	1000
185	Brachistochrone	E/G/H/T	8+	3300
186	Height Measurement Chart - Panel (2' x 6' 3")	E-G/E-H	All	2700
187	Height Measurement Chart - Roll (2' x 6' 6")	E-G/E-H	All	1200
188	Maths Exhibition Panel (Set of 12, 2' x 3')	E/G	5+	6000

Physics

189	Magic Coin Box	E/G	5+	4500
190	Angle Between Mirrors	E/G/H/T	5-7	1000
191	Double Periscope	E/G/H/T	5-8	4500
192	Giant Periscope with display stand	E/G/H	5-8	12900
193	Giant Periscope	E/G/H	5-8	8700
194	Lens Camera	E/G/H	5-8	5500
195	Phenakistoscope	E/G/H	5-7	2000
196	Basic Electronics - Plug & Play	E	6+	1450
197	Hand Battery	E	6+	1000
198	Giant Yo-Yo	E/G/H/T	7+	1100
199	Centripetal Force	E/G/H/T	7-9	3900
200	Newton's Cradle (Large)	E/G/H/T	8+	3500
201	Double Cone (Large, Metal frame)	E/G/H/T	8+	4800
202	Focault's Pendulum	E/G/H/T	8+	950
203	Gravity Tower	E/G/H/T	8+	1000
204	Resonance Strips	E/G/H	8+	800
205	Astronomy Exhibition Panel (Set of 12, 3' x 2')	E/G	5+	6000
206	Physics Exhibition Panel (Set of 12, 2' x 3')	E/G	5+	6000
207	Day and Night Model	E/G	5+	Inquire
208	Lever Model	-	5+	
209	Pulley Model	-	5+	
210	Solar System - Motorized	E/G	5+	
211	Laser Ray Optics Kit	E	6+	
212	Learn Electricity - Plug and Play	E	6+	
213	Learn Series and Parallel Connection	E/G/T	6+	
214	Ray Optics Kit	E	6+	
215	Standard Time Indicator	E/G	7+	
216	Conservation of Momentum	-	8+	
217	Archimedes Screw Model	E/G/T	9+	
218	Energy Conversion Kit	E/G/T	9+	
219	Wave Model	E/G	9+	
220	Windmill Model	E/G	9+	

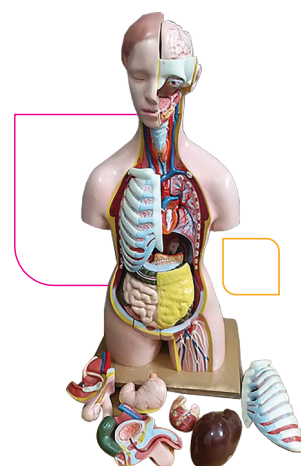
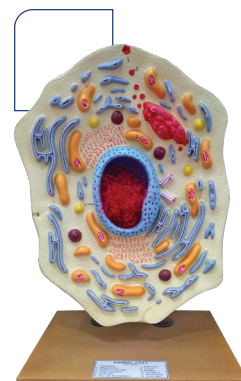
Chemistry

Interactive Exhibits

Sr. No.	Name	Language	Std.	Rate* ₹
221	Electron Energy Level	E	9+	5000
222	Chemistry Exhibition Panel (Set of 12, 2' x 3')	E/G	5+	6000
223	Periodic Table - Panel (5' x 3.5')	E/G/H	8+	3000
224	Rock and Mineral	-	5+	Inquire
225	Atomic Model Set - Small	E	9+	
226	Atomic Model Set	E	9+	

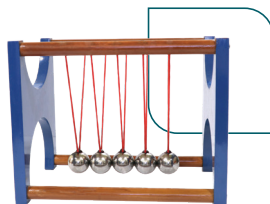
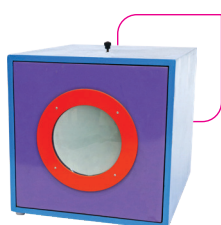
Biology

227	Biology Exhibition Panel (Set of 12, 2' x 3')	E/G	5+	6000
228	Human Blood Circulatory System (Flex, 10' x 12')	E/G/H	6+	3200
229	Animal Cell Model	E/G/T	6+	Inquire
230	Human Heart and Lung Model	E/G/T	6+	
231	Human Ear Model	E/G/T	6+	
232	Human Eye Model	E/G/T	6+	
233	Human Jaw Model	E/G/T	6+	
234	Human Torso - Approx. 3 ft	E/G/T	6+	
235	Human Urinary Model	E/G/T	6+	
236	Human Nerve Cell Model	E/G/T	6+	
237	LS Ovary Model	E/G/T	6+	
238	Plant Cell Model	E/G/T	6+	
239	Skeleton Model with Hook - Approx. 5 ft	E/G/T	6+	
240	Human Joint Model - Hip / Shoulder / Knee / Elbow	-	7+	
241	Human Joint Model with ligament - Foot / Hand	-	7+	
242	Specimens	-	6+	
243	Educational Roll (40" x 30")	E/G	6+	



General Science

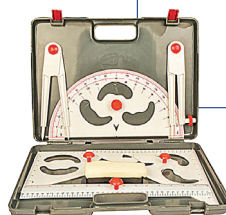
244	Astronaut Photo Booth	-	-	5000
245	1.5' x 1.5'/2' Exhibition Panel (1 No.)	E/G	5+	250
246	2' x 2' Exhibition Panel (1 No.)	E/G	5+	400
247	2' x 3' Exhibition Panel (1 No.)	E/G	5+	600
248	6' x 4' Exhibition Panel with Metal Frame	E/G	5+	5500
249	8' x 4' Exhibition Panel with Metal Frame	E/G	5+	7000
250	Display Stand for Write-ups of Exhibits (Acrylic)	-	-	250



- Ideal for activity centre setup
- Can be placed at Corridor or any open space
- Relatively Large Size Models
- Learning is not just confined to class room

General Science

Sr. No.	Name	Language	Std.	Rate* ₹
251	My Science Lab	E/G/H/T	6+	3000
252	Compound Microscope	-	8+	Inquire
253	Compound Microscope with Mechanical Stage	-	8+	
254	Medical Microscope	-	8+	
255	Permanent Slides (25 Slides)	-	8+	
256	Binoculars	-	All	
257	Telescopes	-	All	
258	Solar Filters for Telescope and Binoculars	-	All	
259	Drones - With and Without Camera	-	All	
260	Geometric Tool Box - Wooden / Plastic	-	All	
261	Political Globe - 12cm / 20 cm / 30 cm / 40 cm	-	All	
262	Celestial Sphere	E/G/T	All	
263	Longitute & Latitute Globe	E	All	
264	Analog Weigh Scale	-	All	



[illegible]

- Helps students to have deeper understanding of the concepts
- Helps teachers to move from traditional chalk and talk to more collaborative approach
- Is ideal for setting up Maths Lab in school

Preparatory

40 Teaching Aids
45 Activities

Middle

40 Teaching Aids
43 Activities

Secondary

40 Teaching Aids
41 Activities

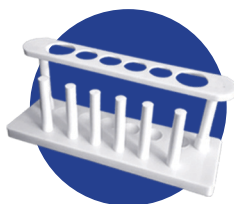
User Manuals available in English, Hindi, Gujarati

'My Science Lab' is your personal mini science lab. Perform experiments and activities on your own and understand science concepts. Learn about uses of different lab apparatus.

Experiment, Explore, Enjoy!



- 52+ Lab Items & User Guide Inside
- Suitable for Individual Use
- Useful for Curriculum-based Experiments
- Learn with Hands-on Experience
- Prepared by Science Educationists



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www.vascsc.org

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- All rates are ex-VASCSC, Ahmedabad.
- Cost of packaging and courier will be extra @ 10% of the total bill amount.
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- Payment can be made by cash/card, UPI, bank transfer or DD/Cheque in favour of 'Vikram A Sarabhai Community Science Centre', payable at Ahmedabad.
- Specify language requirement wherever necessary.
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**VIKRAM A SARABHAI
COMMUNITY SCIENCE CENTRE**

Navrangpura, Ahmedabad - 380 009
Tel: +91 79 26302914, 26302085
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