

TENDER FORM : SCIENCE PARK 2017-2018

SN	EQUIPMENT	BRIEF DESCRIPTION	SPACE REQUIRED	AMOUNT
1	Pythagoras Theorem	Explains the popular mathematical theorem	1.6 M2	
2	Plank's Law	Explanation of black body radiation	2.25 M2	
3	Bell Tower	Explains density of material and frequency of sound	1.0 M2	
4	Doule Ended Cone	Explanation of the concept of centre of Gravity	2.5 M2	
5	Rolling Disc	Explanation of the concept of mass and inertia	2.0 M2	
6	Lifting Screw	Explains the concept of lifting machine	2.0 M2	
7	Friction and Speed	The simple concept of friction in motion and its speed	2.5 M2	
8	Conservation of energy	Illustrates the law of conservation of energy	1.13 M2	
9	Magnification Plate	explains the concept of image and distance	2.0 M2	
10	Wave Motion	Explains the concept of wave motion	1.0 M2	
11	Parabolic Reflector	The property of parabola explained here	6.0 M2	
12	Sun Dial	The concept of time by the help of the sun	3.0 M2	
13	Centrifugal Force	Explains the concept of Centrifugal force and its action	1.0 M2	
14	Colour Pillar and Filters	Explains the concept of primary and secondary colours	2.5 M2	
15	Principal of Lever	The explanation of the principle of lever	2.5 M2	
16	Cyclodal Path	The explanation of the concept of gravitational pull, potential and kinetic energy	5.1 M2	
17	Periscope	The concept of light rays and close chamber actions	.35 M2	
18	Newton's Colour Disc	The concept of primary and secondary colours	0.3 M2	
19	Loop The Loop	The concept of Potential, kinetic energy and centrifugal force	8.0 M2	
20	Parabolic Dishes	The concept of the property of sound waves	30 M2	
21	Solar Powered Radio	The concept of solar energy conversion to electrical energy is explained here	1.0 M2	
22	DNA structure	The practical explanation of the DNA structure	1.0 M2	
23	Newton's third Law	Explains the popular law of action and reaction	2.0 M2	
24	Crystal Structure	The concept of the crystal structure explained here	2.0 M2	
25	Velocity of Sound	The speed of sound waves is explained here	3.3 M2	
26	Periodic Table	The popular periodic table with working model explains the elements, atomic and molecular weights	2.0 M2	
27	Inclined Plane	Explanation of mechanical advantage during the pull at angles	16.5 M2	
28	Circus of Energy	A single unit explaining the concept of potential, kinetic, centrifugal force and work done.	20 M2	
29	Hydro Electric Power Plant	The concept of the generation of power explained here	3.0 M2	
30	Presistence of vision	Explanation of the illusion of eyes by the help of rotating photographs	1.0 M2	

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