

TINKER LAB MODULE WISE COST BREAKUP

SR. NO.	BUDGET CATEGORIES	Quantity	Unit Cost	Tinker lab cost per school
1	STEM Tinker lab Set up cost			
	A) 5 Android Mobile (built in Wi-Fi, Bluetooth with 2GB RAM) with accessories like headphones	5	10000	50000
	B) 10 Arduino Program kit (Include Arduino UNO and General Purpose Sensors like IR sensors, LDR sensors, Ultrasonic Sensors, etc.)	10		70000
	C) 10 Basic Robotics Kit (Includes wheels, chassis, Motor Driver, Arduino Uno etc.)	10		62000
	D) 10 Set of Basic Electronic Components (Include Resistors, Capacitors, LEDs, etc.)	10		30000
	E) 1 App Controlled Drone	1		7000
	F) 1 Advance DIY Robotics kit	1		4000
	G) 1Teacher Kit	1		5000
	H) 1 Tool Kit	1		10000
	I) Backdrop and installation	1		12000
	STEM Tinker lab Set up cost TOTAL excluding GST			2,50,000

2	Learning Tools (Training Manuals, Videos and Software Installation)			
	Manuals			5000
	Video Creation and Editing			15000
	Softwares and installations			20000
	TOTAL			40,000

3	1 - 3D Printer (Creality 3D Official Ender 3 V2) including 1 year Warranty Cover and admin cost)			70,000
	3D Printer Filament PLA Material 1.75 MM - 1KG	4	5500	22000
	3 Pin Universal Conversion Plug Converts Power 5AMP to 15 AMP Plug - US to Indian	2	2000	4000

	standard			
	Container box 700ml	2	1400	2800
	Installation	1	10000	10000
	Maintenance		10000	10000
	1 3D Pen with filament (1 year warranty)			6000
	Printer Tool box		3000	3000
	TOTAL			1,27,800

4	Training (15 Training in each schools with reporting and documentation, intra school competitions)			1,27,200
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5	Laptop		40,000
Sub-Total			5,77,800
GST @18%			1,05,300
Grand Total			6,90,300
Note: Project cost Tinker lab for 1 School for 1 Year including GST is RS. 6,90,300			