

# KENDRIYA VIDYALAYA PORBANDAR

## LIST OF ARTICLES REQUIRED FOR LABORATORY

Laboratory	S.No.	Name of Article	Specification	Quantity required
Physics lab	1	Resistance Box	0.1-50 $\Omega$	1
	2	Resistance Box	100 $\Omega$	1
	3	Resistance Box	500 $\Omega$	1
	4	Resistance Box	1000 $\Omega$	1
	5	Resistance Box	5000 $\Omega$	1
	6	Vernir Calliper		4
	7	Rheostat	100 $\Omega$	1
	8	Rheostat	1500 $\Omega$	1
	9	Screw guage		4
	10	Bob with hook		2
	11	Plug key	two way	4
	12	Plug key	one way	4
	13	Parallelogram law		2
	14	Potantimeter with jokey	10 meter	2
	15	Potantimeter with jokey	4 meter	2
	16	Meter bridge		2
	17	PN junction		1
	18	Optical bench		1
	19	Spherometer		2
	20	Carbon rod		5
	21	Zinc rod		5
	22	Jockey		2
	23	Lechlance cell		2
	24	Daniel cell		1
	25	convex mirror		4
	26	Concave Mirror		4
	27	Convex lense		4
	28	Concave lense		4
	1	Chromatography paper		3
	2	Potassium Chromate		100g
	3	Aniline		500 ml
	4	Lead Acetate		500g
	5	Chlorine water		500ml
	6	Agar-Agar		250g
	7	Potassium Nitrate		250g
	8	D-M-G		100g
	9	Sodium Sulphate		250g
	10	Nessler's Reagent		250ml
	11	Cobalt Chloride		250g
	12	Carbon di-sulphide		250ml
	13	Carbon tetra-Chloride		250ml
	14	Ceric Ammonium Nitrate		100g

Chemistry lab	15	Gelatine		250g	
	16	Di-Phenyl Amine		100g	
	17	Acetaldehyde		250ml	
	18	Aluminium Phosphate		500g	
	19	Ammonium Iodide		500g	
	20	Sodium Silicate		250g	
	21	Acetic acid		500ml	
	22	Potassium Thiocyanate		500g	
	23	Nitric Acid		500ml	
	24	Iodine		250ml	
	25	Glycerine		250ml	
	26	Benedict's Reagent		250ml	
	27	Ammonium Chloride		500g	
	28	Calcium Oxide		500g	
	29	Calcium Hydroxide		500g	
	30	Zinc Sulphate		500g	
	31	Copper strip		1 pack	
	32	Zinc strip		1 pack	
	33	Aluminium metal		500 g	
	34	Sodium Nitroprusside		100g	
	35	Methanol		500ml	
	36	Sodium Hydrogen Phosphate		500g	
	37	Tin metal		250g	
	38	Zinc Acetate		500g	
	39	Zinc Bromide		500g	
	40	Propan-2-ol		250ml	
	41	Potassium Ferricyanide		250ml	
	42	Funnel	Glass	5	
	43	Dropper	Glass	10	
	44	Measuring Cylinder (Glass)	10ml	4	
	45	Measuring Cylinder (Glass)	100ml	2	
	46	Measuring Cylinder (Glass)	50ml	2	
	47	Measuring Cylinder (Glass)	250ml	2	
	48	Measuring Cylinder (Glass)	500ml	1	
	Biology Lab	1	Glass tube	12" length	12pc
		2	Rexin chart		
			Classification of all phylum of Non-Chordates		01 pc of each phylum
			Classification of Phylum Chordata		01 pc of each class
			Malaria life cycle		1 pc
			Carnivorous plants		1 pc
			Stem Modification		1 pc
			Root Modification		1 pc
			Leaf Modification		1 pc
			Cockroach - digestive system		1 pc
			Cockroach - Nervous system		1 pc
			Cockroach-Reproductive system		1 pc