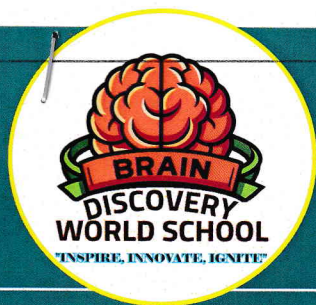




BRAIN DISCOVERY WORLD SCHOOL

Near Amar Shahid Park, Village Kharabhaat, Khorghar Shivpuri (M.P)

Email: worldschoolbraindiscovery@gmail.com Mobile: 8871552367

Website: <https://braindiscoveryworldschool.com>

Composite Lab

Apparatus Required for Physics Lab

S.No	Particular	Total
1	Meter rule [full]	10
2	Meter rule [half]	10
3	Measuring cylinder	10 [100 cc]
	Graduated	10 [500cc]
	Borosil	10 [1000 cc]
4	Beaker [graduated]	10 [200me]
	Borosil	10 [100 ml]
5	Green board with graph squares	01
6	Vernier calipers	20
	Small cylindrical Rod [metallic]	10
7	Screw gouge	20
	Wire 1.00 mm	100 gm
8	Physical balance	2 [electronic] capacity 0-500gm
9	Heavy metallic bob [simple pendulum – bronze] with hook	20
10	Retort stand	20
11	Stop watch	20
12	Hooks rule apparatus	05
13	Tripod stand	20
14	Laboratory thermometer	20 [°C]
15	Wire gauze [small]	50
16	Law of reflection apparatus [plane mirror with stand]	20 set
17	Thick card board [Drawing Board]	20
18	Optical bench arrangement [with three sliding stand]	01 m
19	Concave – mirror	25 focal length – 5cm 25 focal length – 20cm
20	Convex mirror	20 focal length – 10cm 25 focal length – 15cm
21	Concave lance	25 focal length – 15cm 25 focal length – 20cm
22	Convex lans	25 focal length – 10cm 25 focal length – 15cm

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23	Glass block [Slab] for reflection	20
24	Key [one way]	20
25	Key [two way]	20
26	Bar magnet [small]	20 packet
27	Magnetic compass needle [small]	20
28	Rheostat	20
29	Rheostat box	10
30	Voltmeter [0.5 V]	10
31	Ammeter [0.1 AM]	20
32	Galvanometer	20 [5-0-5]
33	Chart Physical constant	Varner Calipers, screw gauge, reflection etc.
34	Portrait	Dr. C.V. Raman, Newton, Einstein's etc.
35	Resistance wise	01 kg
36	Connecting wires	500 gm or 1 roll

Apparatus Required for Chemistry Lab

S.No	Particular	Total Need
1	Conc H_2SO_4	2.5 Liter
2	Conc Hcl	2.5 Liter
3	Conc HNO_3	2.50 Liter
4	Ammonia Solution	2 Liter
5	Ammonium chloride	500gm
6	Litmus solution – blue	2 bottle
7	Litmus solution Red	2 Bottle
8	PH indicator	1 bottle
9	PH Paper	1 pkt
10	Litmus paper blue	2 pkt
11	Litmus paper red	2 pkt
12	Granulated zinc	500 gm
13	Distilled water	15 liter
14	Lime water	500 ml
15	China dish	20
16	Wire gauze	20
17	Tripod stand	20
18	Beaker	60 [borosil & plastics]
19	Funnel	60 [plastic]
20	Test tube	200 [borosil]
21	Boiling tube	50 [borosil]
22	Calcium carbonate	1kg
23	Acetic acid	1500 ml
24	Acetylene	500 ml
25	Filter paper	4 pkt
26	$CuSO_4$	500 gm
26	Starch	500 gm

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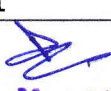
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27	Spirit lamp	30
28	Spirit	5 liter
29	$(\text{NH}_4)_2\text{CO}_3$	1000 gm
30	$\text{Pb}(\text{CH}_3\text{COO})_2$	500 gm
31	Periodic Table	1
32	Portrait of boy's Avragadro & Dalton	1
33	Chemical Balance	2
34	Physical Balance	1
35	Bel jar	1
36	Measuring cylinder – 1	1000 ml
37	Measuring cylinder – 10	250 ml
38	Burette	10 borosil
39	Burette stand	10
40	Pipette	20 borosil
41	Conical flask	20 borosil
42	Reagent bottle	80
43	Watch glass	20
44	Mg ribbon	1 role
45	Mg CO_3	1 kg
46	Jug of Plastic – 2	1 liter capacity
47	BaCl_2	500gm
48	pbSO_4	500gm
49	Weighing Box	In gm
50	Weighing Box	In gm
51	Pipette stand	1

Apparatus Required for Biology Lab

S.No	Particular	Total
1	TMV ₁ [virus]	01
2	Bacteria pelage	01
3	Rhizopos	01
4	Buspongia	01
5	Hydra	01
6	Fasciola hepatica	01
7	Ascuris [male & Female]	01
8	Ear thwara	01
9	Hiradiuaria	01
10	Pila	01
11	Octopus	01
12	Crab	01
13	Palanon	01
14	Julus	01
15	Life cycle – housefly, mesquite, honey bee	01
16	Star fish	01


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17	Scalodan	01
18	Labeo tigrua [frog]	01
19	Garden lizard	01
20	Naja naja [cobra snake]	01
21	Pigeon	01
22	Rabbit	01
23		



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