

**MAHARAJA SURAJMAL INSTITUTE**

**DEPARTMENT OF EDUCATION**

**CURRICULUM LAB**

**COMMERCE**

**Accountancy**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	E-Commerce Chart	1
2	Accounts Crossword- Puzzle Activity	1
3	Co-curricular Activities in Commerce Chart	1
4	Cash Receipt Flash Card	1
5	Cash Flow Statement Flash Card	1
6	Ledger Flash Card	1
7	Payment Voucher Flash Card	1
8	Petty Cash Book Flash Card	1
9	Cheque Flash Card	1
10	Types of Company Flash Card	1
11	Mobile Phone Debit Activity Card	1
12	Managing your Money Activity Card	1
13	Ambani Partership Cartoon	1
14	Partnership Cartoon	1
15	Join or Die Cartoon	1
16	Public & Private Sector Cartoon	1

**Business Studies**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Money Management Activity Card	1
2	Money Sharing Activity Card	1
3	How to live a Consumer Detective Activity Card	1
4	Shopping options Activity Card	1
5	Marketing Cartoons	1
6	Demand & Supply Marketing Cartoon	1
7	Commercial Cartoon	1
8	Business Quiz, Stock Guru, Business Game(CDs)	3
9	Spinning wheel Game	1

## **HINDI**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Tehreer (Munsi Premchand) (VCD)	1
2	Sangya, Viram Chinh & Sarvnam (CD)	1
3	Visheshan, Kriya & Karm, Jodi (CD)	1
4	Ek Aur Anek, Kaal (Idher & Udher) (CD)	1
5	Karak & Samas (CD)	1
6	Mahatma (VCD)	1
7	Sangya Pahely (Model)	1
8	Kriya Visheshan ( Model)	1
9	Samas (Chart)	1
10	Visheshan (Chart)	1
11	Karak & Bhed (Chart)	2
12	Sandhi (Chart)	1
13	Kriya ( Chart)	1
14	Kriya Visheshan (Chart)	1
15	Varanmala (Chart)	1
16	Karak (chart)	1

## **ENGLISH**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Change of Active to Passive Voice (Chart)	1
2	Present Indefinite Tense(Char)	1
3	Past Indefinite Tense(Char)	1
4	Future Indefinite Tense(Char)	1
5	Present and Past Continuous Tense(Char)	1
6	Present Perfect Tense(Char)	1
7	Past Perfect Tense(Char)	1
8	Future Perfect Tense(Char)	1
9	Typical Sentences(Char)	1
10	Typical Sentences(Char)	1
11	Synthesis of Sentences(Charts)	10
12	English Speaking Course (Part 1) DVD	1
13	English Speaking Course (Part 2) DVD	1
14	Basic Grammar (Part 1) DVD	1
15	Practical Grammar (Part 2) DVD	1
16	Antonyms Game	1
17	Notices(Scrapbook)	1
18	Punctuations(Scrapbook)	1

## **SOCIAL STUDIES**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	India Political Map	1
2	World Political Map	1
3	Outline Map (India)	1
4	Outline Map (World)	1
5	Jai Bharat Game	1
6	Wild Life Adventure Game	1
7	Mineral Set (Specimen)	1
8	Rock Set (Specimen)	1
9	Solar and Lunar eclipse Model	1
10	Phases of Moon Model	1
11	Thermometer	1
12	Magnetic Compass	1
13	Solar System Chart	1

### **KNOWLEDGE AND CURRICULUM**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Battle for School by Prof. Shanta Sinha (ACD)	1
2	Globalization of Education by Prof. Deepak Nayaar (ACD)	1
3	Four Educational Riddles by Prof. Krishan Kumar (ACD)	1
4	India and Her Future by Sh. Aurobindo (ACD)	1
5	The Brain is always recording by J. Krishnamurti (CD)	1

### **SCIENCE**

#### **Physics**

<b>S. No</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Bar Magnets	8 pairs
2	Battery Eliminator (1 Amp)	5 pieces
3	Battery Eliminator (5 Amp)	3 pieces
4	Beaker (100 Ml)	5 pieces
5	Beaker (250 Ml)	4 pieces
6	Beaker(400 ML)	1 piece
7	Beaker (500 Ml)	5 Pieces
8	Beam Balance	1
9	Bobs	5
10	Concave Lens	2
11	Concave Mirror	2
12	Convex Lens	2
13	Convex Mirror	2

14	Demonstration Ammeter	1
15	Dry Cell	7
16	Glass Slabs	8
17	Magnetic Compass	1
18	Physical Balance	7
19	Plane Mirror	11
20	Prism	8 Pieces
21	Resistance Boxes	10
22	Rheostat 6"	3 Pieces
23	Rheostat 8"	3 Pieces
24	Slinky	7
25	Spring Balance	6
26	Thermometer (Wall)	1 Piece
27	Tuning Fork	2 Pieces
28	Tuning Fork Pads	2 Pieces
29	Verneir Caliper	1pc
30	Wire Bundles	2
31	Wood Stands (For Holding Mirror)	8
32	Electric circuit flashcard	1

## Chemistry

S. No.	Name of the Equipments	Quantity
1	Ammonium Chloride	500 gms
2	Atomic Model Set	1
3	Benedicts Reagent	500 ml
4	Benzene	500 ml
5	China Dish	12
6	Conical Flask (100 ML)	8 pieces
7	Conical Flask (250 ML)	9 pieces
8	Calcium Chloride	1000gms
9	Calcium Sulphate Dihydrate	500 gms
10	Copper Sulphate 5 Hydrate	1000gms
11	Diethyl Ether	500 ml
12	Funnels	16 pieces
13	Gas Jars	3 pieces
14	Glass Capillary Tube	1 gross
15	Glass Rods	9 pieces
16	Glycerol	1000gms
17	Iron Filling	500 gms
18	Iron Stands	15
19	Magnesium Chloride	500 gms
20	Magnesium Sulphate	500 gms

21	Measuring Cylinder (100 ML)	7
22	Measuring Cylinder (250 ML)	8
23	Metal strips(Electroplating)	12 pieces
24	Petri Dishes	64 pieces
25	Pipette	8 pieces
26	Potassium Chloride	500 gms
27	Potassium Hydroxide	500 gms
28	Potassium Permagnate	500 ml
29	Pumice Stone	500gm
30	Silver Nitrate	25 gms
31	Sodium Chloride	500 gms
32	Sodium Hydrogencarbonate	500 gms
33	Sodium Hydroxide	1000 gms
34	Sulphur Powder	500 gms
35	Spatula	9 Pieces
36	Sprit Lamp	7 pieces
37	Tongs 6"	1dozen
38	Universal Indicator	125 ml
39	Watch Glasses	22 pieces
40	Weight Box Physical	8 pieces
41	Wire Gauze	24 pieces
42	Zinc Granules	500 gms
43	Iodine Solution	500 ml
44	Hydrochloric Acid(Conc)	500 ml
45	Phenolphthalein Solution	100 gm
46	Sulphuric Acid	1450 ml
47	Copper Sulphate Solution	500 ml
48	Calcium Carbonate	420 gm.
49	Copper Sulphate Powder	500 gm
50	Potassium Permagnate Crystals	500 gm
51	Sodium Chloride	500 gm.
52	Barium Chloride	230 gm.
53	Acetone Solution	500 ml
54	Sulphur Powder	500 gm.
55	Sodium Carbonate	500 gm.
56	Zinc Sulphate	500 gm.
57	Ferrous Sulphate Crystals	496 gm.
58	Aluminium Sulphate	500 gm.
59	Sodium Bicarbonate	500 gm.
60	Calcium Oxide	500 gm.

## **Biology**

<b>S. No.</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Beaker (100 ml)	5pieces
2	Beaker (250 ml)	5pieces
3	Beakers (500 ml)	10 pieces
4	Bottle brushes	5 pieces
5	Charts	14
6	Copper Sulphate Pentahydrate	500 ml
7	Cover Slip	4 packets
8	Filter Paper	5 packets
9	Forceps	8 pieces
10	Hands Lens	2
11	Hydrochloric Acid	500 ml
12	Iodine Solution	500 ml
13	Meiosis Slides	12 slides
14	Millions Regent	500 ml
15	Mitosis Slides	5 slides
16	Needles	47pieces
17	Primary Science Kit	1set
18	Safranine Solution	125 ml
19	Slide Boxes	49 boxes
20	Slides(loose)	40 pieces
21	Sodium Bicarbonate	500gms
22	Specimen	28
23	Sphygmomanometer	1
24	Stethoscope	1
25	Stirrer	6
26	Test Tubes	231
27	Test Tubes Holder	23
28	Test Tube Stand	18
29	Thermometer (Lab)	14
30	Wash Bottles	15
31	Models (Nervous & Circulatory System)	09
32	Models (Improvised-Lungs, Stethoscope)	2
33	Respiratory system flashcard	1

## **MATHEMATICS**

<b>S. No.</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Charts	14
2	Aakaar Parivar	1 Set

3	Fraction Kit	1 Set
4	Rangometry	1 Set
5	Dienes Block	1 Set
6	Measuring cylinder (1000ml)	1
7	Measuring cylinder (500ml)	1
8	Measuring cylinder (100ml)	2
9	Measuring cylinder (50ml)	2
10	Measuring cylinder (10ml)	2
11	Conical Flask(500 ml)	1
12	Weight Box(Physical)	1
13	Funnel(1 Big)	1
14	Funnel(1 Medium,1 Small)	2
15	Urine Glass	1
16	Beaker (1000ml)	1
17	Beaker (250ml)	1
18	Beaker (100ml)	1
19	Beaker (500ml)	1
20	Conical Flask(250 ml)	1
21	Conical Flask(100 ml)	1
23	Analytical Weight Box	1

## **PSYCHOLOGY**

<b>S. No.</b>	<b>Name of the Equipments</b>	<b>Quantity</b>
1	Standard Progressive Matrices	1 Set
2	School Adjustment Inventory	1 Set
3	Socio-Economic Status Scale(Rural)	1 Set
4	Problem Checklist (School form)	1 Set
5	Bhatia Battery of Performance Test	1 Set
6	Teaching Aptitude Scale	1 Set
7	Scientific Aptitude Test Battery	1 Set
8	Guidance Needs Inventory	1 Set
9	Diagnostic Test in Decimal System & Percentage	1 Set
10	Verbal Test of Creative Thinking	1 Set
11	Eysenck's Mandsley Personality Inventory	1 Set
12	Non Verbal Test of Creative Thinking	1 Set
13	Mental Health Checklist	1 Set
14	Sixteen Personality Factor Questionnaire	1 Set
15	Cattel's Culture Free Intelligence Test	1 Set
16	Vocational Interest Record	1 Set
17	Study Habit Inventory	1 Set
18	IPAT Anxiety Scale	1 Set
19	Differential Aptitude Test Battery	1 Set
20	. Sodhi's Attitude Scale	1 Set

21	Value Orientation Scale	1 Set
22	School Environment Inventory	1 Set
23	Home Environment Inventory	1 Set
24	Taj Environmental Attitude Scale	1 Set
25	Environmental Awareness Ability Measure	1 Set
26	Teaching Aptitude Test	1 Set
27	Eysenck's Personality Questionnaire	1 Set
28	Differential Value Questionnaire	1 Set
29	Value Conflict Scale	1 Set
30	Human Maze Learning	1
31	Memory Drum Apparatus (hand operated)Metallic	1
32	Tachistoscope	1

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