

DINESH COLLEGE OF EDUCATION, FARATHIYA, GARHWA, JHARKHAND

LIST OF INSTRUMENT/EQUIPMENTS

CHEMISTRY

S.No	Name of Item	Quantity
01	Test Tube (Corning)	24
02	Test Tube Holder	24
03	Test Tube Brush	12
04	Test Tube Stand	12
05	Boiling Tubes	12
06	Beaker 100 ml.	12
07	Beaker 250 ml.	12
08	Beaker 500 ml	24
09	Measuring Cylinder 100 ml.	06
10	M. Cylinder 500 ml	05
11	Pipette 10 ml	12
12	Reagent Bottle	24
13	China Dish	10
14	Watch Glass 3"	12
15	Glass Rods	12
16	Glass Tube 15X125	100
17	Wire Gauze	12
18	Gas Jars	12

CHEMICALS

S.No	Name of Item	Quantity
01	Copper Turning 500 Gms.	01
02	Copper Wires 500 Gms.	01
03	Iron Filing 500 Gms.	01
04	Iron Strips (Each)	01
05	Magnesium Ribbon (Each)	01
06	Aluminum Wire	01
07	Aluminum Strip (Each)	01
08	Zinc Granules 500 Gms.	01
09	Sodium Metal 100 Gms.	01
10	Hydrochloric Acid 500 Gms.	01
11	Nitric Acid 500 Gms.	01
12	Phosphoric Acid 500 Gms.	01
13	Sodium Hydroxide 500 Gms.	01
14	Potassium Hydroxide 500 Gms.	01
15	Aluminum Chloride 500 Gms.	01
16	Ferric Chloride 500 Gms.	01
17	Barium Chloride 500 Gms.	01
18	Sodium Bi-carbonate 500 Gms.	01
19	Potassium Chloride 500 Gms.	01
20	Sodium Chloride 500 Gms.	01

21	Copper Sulphate 500 Gms.	01
22	Lead Nitrate 500 Gms.	01
23	Ferrous Sulphate 500 Gms.	01
24	Ammonium Chloride 500 Gms.	01
25	Universal Indicator SOL 125 ML.	01
26	pH Papers (Each)	01

BIOLOGY

S.no	Name of Item	Quantity
01	Dissecting Microscope (Each)	02
02	Compound Microscope (Each)	02
03	Needles (Each)	12
04	Brush (Each)	20
05	Glass Slides PK of 25 (Each)	20
06	Cover Slips 10 GM (Each)	40
07	Hand lens (Each)	06
08	Forceps (Each)	12
09	Scissors (Each)	12
10	Ganong's light Screen (Each)	04
11	Saframine 125 ML	02
12	Glycerine 500 Gms. (Each)	01
13	Iodine 500 ML	01
14	Model of Digestion System (Each)	01
15	Model of Respiratory System (Each)	01
16	Model of Circulatory System (Each)	01
17	Model of Excretory System (Each)	01
18	Model of Skeleton (Each)	01
19	Model of Animal Cell (Each)	01
20	Model of Parts of Plant (Each)	01
21	Model of Parts of Flower (Each)	01
22	Model of Plant Cell (Each)	01
23	Model of Mitosis Cell Division (Each)	01
24	Model of Meiosis Cell Division (Each)	01
25	Model of Parts of Leaf (Each)	01
26	Model of Modification of Root (Each)	01
27	Model of Modification of stem (Each)	01
28	Model of Modification of Leafs (Each)	01
29	Model of Brain (Each)	01
30	Model of Heart (Each)	01
31	Model of Eye (Each)	01
32	Model of Ear (Each)	01

PHYSICS

S.no	Name of Item	Quantity
01	Spring Balance (Each)	12
02	Physical Balance and Weight (Each)	03
03	Thermometer (Each)	25
04	Ammeter (Each)	10
05	Galvanometer (Each)	10
06	Volt Meter (Each)	10
07	Resistors (Each)	10
08	Rheostat	04
09	One way Key (Each)	12
10	Two way key (Each)	06
11	Lenses Set of 6 (Each)	03
12	Concave Mirror (Each)	24
13	Convex Mirror (Each)	24
14	Plane Mirror(Each)	24
15	Glass Slab, (Rectangular) 75X50X18 (Each)	24
16	Prism 38X38 MM (Each)	24
17	Dry Cell (Each)	03
18	Leclanche Cell (Each)	06
19	Daniell Cell (Each)	06
20	Tuning Fork Set of 8 (Each)	03
21	Bar Magnet (Each)	12
22	Horse Shoe Magnet (Each)	12
23	Compass 2" (Each)	10
24	Meter rods (Each)	12
25	Vernier Calipers 5"	12
26	Vernier Calliper 6" IME Type (Each)	03

PSYCHOLOGY

S.no	Name of Item	Quantity
01	Mirror drawing apparatus simple star type	01
02	Mirror drawing apparatus electrical/five digit reset	01
03	Mirror drawing apparatus digital timer/digital error counter	01
04	Human Maze apparatus electrical /5 digit reset counter	01
05	Human Maze apparatus digital timer and error counter	01
06	Muller lyre apparatus hand	01
07	Tachistoscope apparatus	01
08	Memory Drum apparatus hand operated	01
09	Stop watch racer mechanical	01
10	Finger Dexterity board with pins	01
11	Tweezer dexterity board with pins & Tweezer	01
12	Habit Interference board	01
13	Human physiological charts set of 10 charts	01
14	Brain models	01
15	Eye models	01
16	Ear models	01
17	Set of Psychologists Photographs (Set of 10)	01

MATHS

S.no	Name of Item	Quantity
01	Spike abacus (Each)	01
02	Fraction disc (Without magnetic) (Each)	01
03	Shaper Set of 8 (Each)	01
04	Broom Sticks (Set of 20) (Each)	01
05	Square Geo board (Transparent Plastic) (Each)	01
06	Circular Geo board (made up of acrylic)(Each)	01
07	Unit Cubes (50) (Each)	01
08	Tangram pieces (Each)	01
09	Stencils of geometrical shapes (Each)	01
10	Wooden Stick of Various lengths (Each)	02
11	Wooden shapes of a square, rectangle, triangles circle, quadrilaterals, trapezium, parallelogram, square etc (Each)	02
12	Geometrical tool box containing a compass, scale, a divider, a protractor, a pencil an eraser etc (Each)	02
13	Graphs sheet	02 pkt
14	Cloured Papers (5 different color) (Each)	05
15	White Sheets of Papers	01 Pkt
16	Fevi Sticks	24
17	Fevicol tube	12
18	A pair of Scissors	01
19	Tangram pieces	01
20	Stencils of geometrical shapes	01
21	10X10 grids of numbers	05

HEALTH & PHYSICAL EDUCATION

S.no	Name of Item	Quantity
01	Portrait Each	04
02	Height Measure Each	01
03	Weighing Machine Each	01
04	Educational Tools Health Models, Body Charts, Posters, Booklets, Film, Audio-Visual System, Computer with Internet connectivity, Laptop, Video Camera (Each)	01
05	Furniture, Chairs, Tables, Stools, Bookshelves, Almirahs, Mats/Durries for Yoga Practice	Available
06	Blackboard and White Board	Available
07	Photographs of National Awardees, Rajeev Khel Ratna, Arjun Award, Dronacharya Awards	Available
08	Reading Material, Books, Magazines, Informative Booklets, Specialized Articles on Health issues and Physical Fitness Activities, Journal, Material on Aids Awareness, Drug abuse, Anti-tobacco campaigns	Available
09	First Aid Kits	Available

MUSIC

S.no	Name of Item	Quantity
01	Harmonium	01
02	Table	10
03	Dholak/Naal	01
04	Munjeera	01
05	Jhanjhar	01
06	Dufli	01
07	Mridangam	01
08	Veena	01
09	Electronic Tabla	01
10	Electronic Tanpura	01
11	Yamaha Keyboard	01
12	Guitar	01
13	Regional Musical Instrument	01
14	Ghungaroo	01 set
15	Make up Kit	01 set

ARTS & CRAFTS

VISUAL ARTS AND CRAFTS, DRAWING AND PAINTING

S.no	Name of Item	Quantity
01	Soft pencil, charcoal, chalk, sticks, crayons, water paints or poster colors/tempera points each color, black lamp powder. (Each)	01
02	Bristle brush(1/4 inch to 1 inch) (Each)	02
03	Round Brush, Other (Sponge, felt, jute fibre, cotton) (Each)	02
04	Painting Stands/ easels, Thick corrugated sheet, card board, hard board, white zinc oxide paper / chalk forms, glue, glycerine, wet paper pencil, brush (Each)	02
05	Pad, Bottle caps, shells, beads, stones/pebbles, leaves, twigs, small wooden blocks, keys, textured textile pieces, gunny cloth, unserviceable/throwaway machine parts, rubber packings, wire mesh.	Available
06	Glazed coloured papers, kite papers, cellophane papers, abri papers, wallpapers, papers with variety of textures, corrugated papers, coloured old magazines and calendars	Available
07	Common clay, china clay, clay models for stone mares, Knives, paper cutters, wooden knives, tin scrapers, nails, wire rods, sticks, used brush handles, ice cream spoons, hair pins, paper clips, office pins, forks, match sticks, brush handles, keys, hard-board/ wooden board, hammers and mallets, water bowls, portable potter's wheel	Available

08	Tree branches, Long strips of coloured papers, card sheets, beads, buttons, small boxes etc	Available
09	Cartons, papers, paper bags, paper plates, clay coulds, knitting wool, jute, fibers/ paper wool, barrels, drum head, waste baskets, pails, gourds, wooden bowels etc	Available
10	Creative candles, cardboard and paper crafts, gardening, terracotta, basket weaving and textile, local indigenous crafts, carpentry, metal work, pottery, gardening-floral, herbal, kitchen, etc	Available