



# KANSIL'S

## Social Study Catalogue 2016-17



Apparatus



Surveying



Geographical Models



Charts



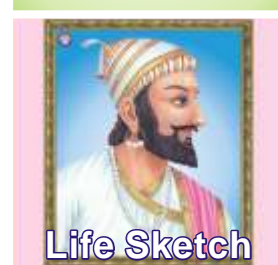
Maps



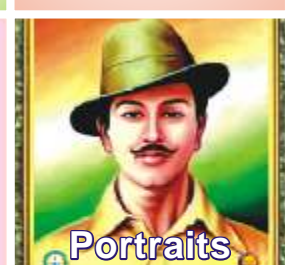
Solar System



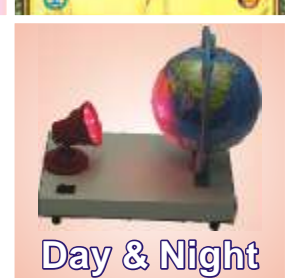
Rocks & Minerals



Life Sketch



Portraits



Day & Night

**Globes**

**Binoculars**

**Models**

**Slides**  
SLIDE VIEW SIDE

**Phases of Moon**

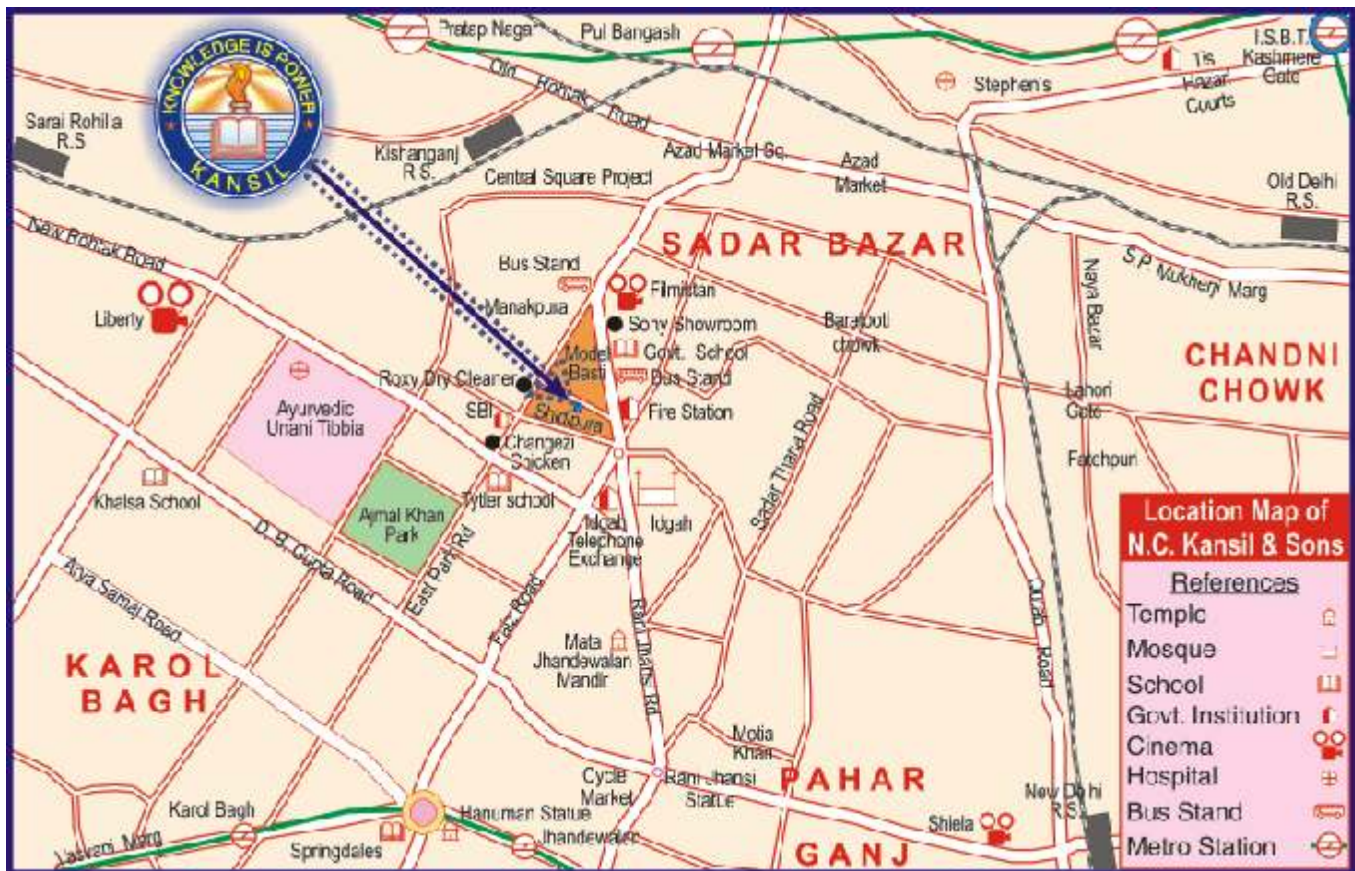
**MONUMENTS**

**MOST MODERN  
& INDISPENSABLE  
TEACHING LEARNING  
MATERIAL FOR GEOGRAPHY,  
CIVICS & HISTORY**

Dear Sir,

We have the pleasure in presenting our Social Study Catalogue for the year 2016-17. By a perusal of the catalogue you will find a rich panorama of Maps, Charts, Working Models, Globes, 3-D Models, 3-D Raised Surface Maps and Charts, Drawing, Survey and Meteorological Instruments, Visual Teaching Aids and Video CDs. GPS which are now very important have also been included. There are very useful maps and charts on Indian and World History, Civilizations, Good Habits and NCC.

We will also like to invite suggestions from such an expert like you to make the study more realistic. Please do send us your comments and views. Thanks



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## Some Tips to Study the Catalogue

Welcome! - You are about to enter the wonderfully exciting world of Teaching Aids. In the pages of these catalogues you will come to know the products manufactured and marketed by us. Before you start browsing through them we give below some tips that will help you to study it better and effectively.

1. All the articles are manufactured in very heavy quantity by using very costly designs, dies and patterns. As such the size and description cannot be changed or altered at will. Please prepare your requirements according to the material and size mentioned in the catalogue.
2. All the articles are properly coded. Please mention the code and language.
3. The illustrations of charts are very selective. Each and every chart cannot be displayed in the catalogue. As such while placing an order please consult the detailed list mentioned therein.
4. The panorama of the Teaching Learning material has been very well arranged subjectwise and where ever necessary we have given cross references.
5. Applicability of Value Added Tax or CST and other overhead expences have been mentioned below. Please go through the same.
6. It may be stated that the division of the catalogue is just for the sake of convenience. You may place your requirements with us all in one lot.

## PLEASE NOTE

1. Customers' full satisfaction is our business policy. We are fully confident of the high standard and quality of our products.
2. To avoid delay in the execution of your order, please be careful as to mention:
  - a. The size & language of the map, chart, model or globe required by you.
  - b. Your nearest Railway Station and the name of your bankers.
3. The prices mentioned are nett, Ex-godown. Packing, Forwarding and Transportation charges extra. Maps, Charts and Globes are exempted from Value Added Tax/Central Sales Tax . On other articles VAT/CST @ 12.5% is extra.
4. Please mention very clearly your exact requirements mentioning either the cost or our catalogue page No. and serial No. This will help us in processing your indents at a faster speed.
5. Images shown in the catalogue are for reference only. It may differ in colour or shade from actual product.
6. We are sole distributor of ZX™ models.
7. Please look for our Hologram to buy genuine products.
8. All disputes subject to Delhi Courts Jurisdiction only.

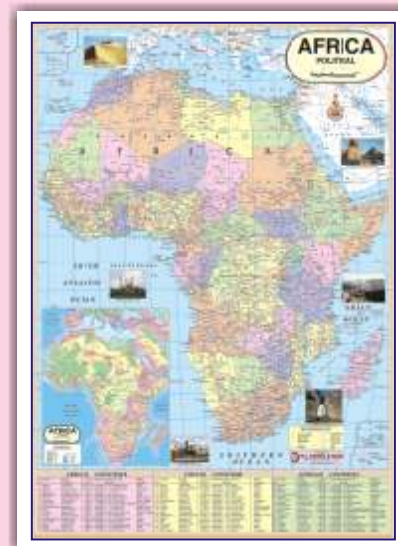
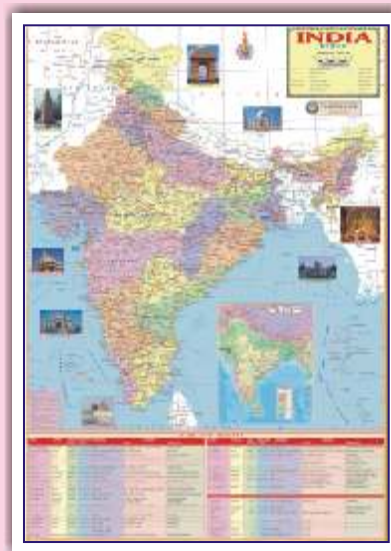
# SCHOOL ROOM WALL MAPS

Showing latest Boundaries, Communications, Important Towns etc.  
 These are printed in attractive colours on strong offset paper.

## Medium Size Wall Maps

Printed in four colours on thick paper and laminated with thick polyester film  
 (in Eng. or Hindi)

		Size	Price
MWM01	*India Political	70 x 100 cm	Rs. 120.00
MWM02	*World Political	100 x 70 cm	Rs. 120.00
MWM03	*Asia Political	100 x 70 cm	Rs. 120.00
MWM04	Africa Political	70 x 100 cm	Rs. 120.00
MWM05	Australia Political	100 x 70 cm	Rs. 120.00
MWM06	Europe Political	100 x 70 cm	Rs. 120.00
MWM07	North America Political	70 x 100 cm	Rs. 120.00
MWM08	South America Political	70 x 100 cm	Rs. 120.00
MWM09	Antarctica Political Eng. only	70 x 100 cm	Rs. 130.00
MWM10H	*Eurasia Political Hindi	100 x 70 cm	Rs. 150.00



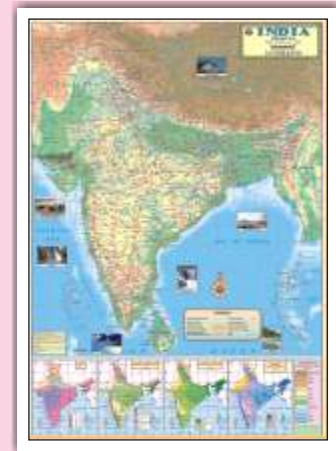
		Size	Price
MWM26	Srilanka Political	70 x 100 cm	Rs. 130.00
MWM27	U.S.A. Political	100 x 70 cm	Rs. 130.00
MWM28	*China Political	100 x 70 cm	Rs. 140.00
MWM29	United Kingdom Political	70 x 100 cm	Rs. 140.00

\* CERTIFIED BY SURVEY OF INDIA



## Medium Size Wall Maps (in Eng. or Hindi)

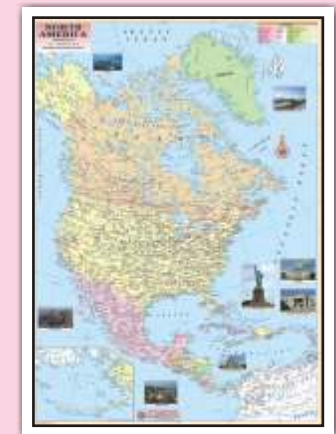
		<u>Size</u>	<u>Price</u>
MWM51	*India Physical	70 x 100 cm	Rs. 120.00
MWM52	*World Physical	100 x 70 cm	Rs. 120.00
MWM53	*Asia Physical	100 x 70 cm	Rs. 120.00
MWM54	Africa Physical	70 x 100 cm	Rs. 120.00
MWM55	Australia Physical	100 x 70 cm	Rs. 120.00
MWM56	Europe Physical	100 x 70 cm	Rs. 120.00
MWM57	North America Physical	70 x 100 cm	Rs. 120.00
MWM58	South America Physical	70 x 100 cm	Rs. 120.00
MWM59	Antarctica Physical Eng. only	70 x 100 cm	Rs. 130.00
MWM60H	*Eurasia Physical Hindi	100 x 70 cm	Rs. 150.00



## Large Size Wall Maps

*Printed in four colours on thick paper and laminated with thick polyester film  
(in Eng. or Hindi)*

		<u>Size</u>	<u>Price</u>
WML01	*India Political	100 x 140 cm	Rs. 280.00
WML02	*World Political	140 x 100 cm	Rs. 280.00
WML03	*Asia Political	140 x 100 cm	Rs. 280.00
WML04	Africa Political	100 x 140 cm	Rs. 280.00
WML05	Australia Political	140 x 100 cm	Rs. 280.00
WML06	Europe Political	140 x 100 cm	Rs. 280.00
WML07	North America Political	100 x 140 cm	Rs. 280.00
WML08	South America Political	100 x 140 cm	Rs. 280.00
WML51	*India Physical	100 x 140 cm	Rs. 280.00
WML52	*World Physical	140 x 100 cm	Rs. 280.00
WML53	*Asia Physical	140 x 100 cm	Rs. 280.00
WML54	Africa Physical	100 x 140 cm	Rs. 280.00
WML55	Australia Physical	140 x 100 cm	Rs. 280.00
WML56	Europe Physical	140 x 100 cm	Rs. 280.00
WML57	North America Physical	100 x 140 cm	Rs. 280.00
WML58	South America Physical	100 x 140 cm	Rs. 280.00



\* CERTIFIED BY SURVEY OF INDIA

# MAPS OF INDIAN STATES

Printed on paper, laminated on both sides and fitted with rollers

## POLITICAL SIZE 70 x 100 cm (English)

- SM01 Assam & N.E. States
- SM02 Andhra Pradesh (New)
- SM03 Bihar Political cum Physical
- SM04 Chhattisgarh
- SM05 Delhi
- SM06 Haryana
- SM07 Himachal Pradesh
- SM08 Karnataka
- SM09 Kerala
- SM10 Punjab
- SM11 Rajasthan
- SM12 Tamilnadu
- SM16 Telangana
- SM13 Uttar Pradesh
- SM14 Uttarakhand
- SM15 West Bengal

Each Rs. 120.00



## POLITICAL SMALL SIZE 50 x 75 cm (English)

- SMS01 Goa
- SMS02 Sikkim
- SMS03 Uttarakhand

Each Rs. 72.00



## POLITICAL SIZE 100 x 70 cm (English)

- SM18 Bihar
- SM19 Gujarat
- SM20 Jharkhand
- SM21 Madhya Pradesh
- SM22 Maharashtra
- SM23 Odisha

Each Rs. 120.00

All the above maps are available in respective State Languages also.

Each Rs. 130.00

# PHOTO LAMINATED MAPS OR CHARTS

Maps of India, World and Your state or any other map or chart laminated on 9 mm thick board with hard surface. The teacher can mark the surface with white board marker pen and wipe it off with ordinary duster.

The map or chart is framed with beautiful aluminum angle and hooks are provided for wall hanging.

Size 70x100 cm (approx.) Each Rs. 1500.00

Size 58x90 cm (approx.) Each Rs. 1100.00

Size 50x75 cm (approx.) Each Rs. 800.00

**PHYSICAL SIZE 100 x 70 cm (English)**

- SM51 Bihar
- SM52 Gujarat
- SM53H Madhya Pradesh (Hindi only)
- SM54 Maharashtra
- SM55 Odisha

Each Rs. 130.00

**PHYSICAL SIZE 70 x 100 cm (English)**

- |                              |                    |
|------------------------------|--------------------|
| SM61 Andhra Pradesh          | SM62 Uttarakhand   |
| SM63 Chhattisgarh            | SM68 Uttar Pradesh |
| SM67 Karnataka               | SM69 West Bengal   |
| SM65 Kerala                  |                    |
| SM66H Rajasthan (Hindi only) |                    |
| SM64 Tamilnadu               |                    |

Each Rs. 130.00



**KNOW YOUR INDIA IN MAPS**

ENGLISH or HINDI , Each Map Size 70 x 100 cm and LAMINATED

- |                                    |                         |                                    |
|------------------------------------|-------------------------|------------------------------------|
| KY01 Physical Features             | KY06 Population         | KY11 Irrigation and Power Projects |
| KY02 Political                     | KY07 Natural Vegetation | KY12 Industries                    |
| KY03 Annual Rainfall & Temperature | KY08 Natural Regions    | KY13 Soils                         |
| KY04 Summer Rainfall & Climate     | KY09 Agriculture        | KY14 Railways                      |
| KY05 Winter Rainfall & Climate     | KY10 Rock & Minerals    | KY15 Roads                         |

Each Rs. 130.00

(The above product codes are for English. For Hindi add H)

**SPECIAL MAPS ON INDIA (in English only)**

- |   |            |
|---|------------|
| KY26 Wild Life Sanctuaries & National Parks | Rs. 170.00 |
| KY27 Hill Ranges & Rivers                   | Rs. 170.00 |

**TOPOGRAPHICAL SHEETS**

Scale 1:50,000 as approved for CBSE and ICSE & for various other Examinations, with arbitrary grids  
Size 56 x 90 cm approx.

- |   |   |
|---|---|
| <b>45 D/7</b> : Banas Kantha Distt-River & Hill areas       | <b>56 D/11</b> : Gulbarga & Raichur- Plateau with River     |
| <b>45 D/10</b> : Mt. Abu-Sirohi -Desert and Mountains       | <b>64 P/13</b> : Baudh Khondmals-River, Ponds & Hill Ridges |
| <b>45 F/3</b> : Jodhpur Distt-Desert Dry area               | <b>63 K/12</b> : Mirzapur-Ganga River Plain                 |
| <b>53 B/7</b> : Patiala-Plain Surface, Congested Settlement | <b>63 G/15</b> : Allahabad-Plains. Flow of Ganga & Yamuna   |
|   | Laminated without rollers (WOR) Rs. 300.00                  |

**OTHER TOPO SHEETS** Laminated without rollers (WOR) Rs. 350.00

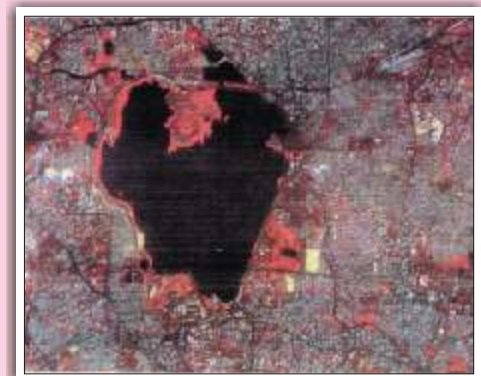
The supply of Topographical Sheets is subject to availability with Survey of India

**SATELLITE IMAGES WITH TOPOSHEETS**

Satellite Images with corresponding Toposheet on Scale 1:50,000

each Rs. 12,000.00

- |                  |                  |   |
|------------------|------------------|---|
| <b>Item Code</b> | <b>Toposheet</b> | <b>Area</b>                                   |
| <b>SIM001</b>    | <b>73F/9</b>     | Ranchi and Singhbhum Distt.                   |
| <b>SIM002</b>    | <b>73I/1</b>     | Dhanbad and Giridih Distt.                    |
| <b>SIM003</b>    | <b>73I/11</b>    | Puruliya Distt.                               |
| <b>SIM004</b>    | <b>73I/15</b>    | Bankura & Puruliya Distt.                     |
| <b>SIM005</b>    | <b>73J/1</b>     | Singhbhum, Bankura, Medinipur Distt.          |
| <b>SIM006</b>    | <b>73J/13</b>    | Bankura Distt.                                |
| <b>SIM007</b>    | <b>73J/14</b>    | Singhbhum, Bankura & Medinipur Distt.         |
| <b>SIM008</b>    | <b>73J/15</b>    | Singhbhum & Medinipur Distt.                  |
| <b>SIM009</b>    | <b>73M/1</b>     | Santhal Parganas, Barddhaman & Birbhum Distt. |
| <b>SIM010</b>    | <b>73M/2</b>     | Bankura, Barddhaman & Birbhum Distt.          |
| <b>SIM011</b>    | <b>45D/7</b>     | Banaskantha Distt. River & Hill Area          |
| <b>SIM012</b>    | <b>45D/10</b>    | Mt. Abu, Sirohi- Desert & Mountains           |





## FOLDED TOURIST MAPS

These maps are specially designed to suit the requirements of a vigilant tourist. The map gives him information regarding distance between one place and another, various places of tourist interest etc.

The maps are printed on 80 GSM Maplitho paper. These are supplied with cover in plastic pouch for easy carrying.

**All maps available in English language.**

	Product Code	Price
** Andhra Pradesh size 100 x 70 cm	FTM01	Rs. 35.00
Assam & other N.E. States size 70 x 100 cm	FTM02	Rs. 35.00
** Bihar size 100 x 70 cm	FTM03	Rs. 35.00
** Chhattisgarh 70 x 100 cm	FTM04	Rs. 35.00
Delhi size 70 x 100 cm	FTM05	Rs. 35.00
Goa size 50 x 75 cm	FTM06	Rs. 24.00
Gujarat size 100 x 70 cm	FTM07	Rs. 35.00
** Haryana size 70 x 100 cm	FTM08	Rs. 35.00
** Himachal Pradesh 70 x 100 cm	FTM09	Rs. 35.00
** India size 70 x 100 cm	FTM10	Rs. 30.00
** Jharkhand 100 x 70 cm	FTM11	Rs. 35.00
** Karnataka size 70 x 100 cm	FTM12	Rs. 35.00
** Kerala size 70 x 100 cm	FTM13	Rs. 35.00
** Madhya Pradesh 100 x 70 cm	FTM14	Rs. 35.00
** Maharashtra size 100 x 70 cm	FTM15	Rs. 35.00
** Odisha 70 x 100 cm	FTM16	Rs. 35.00
Punjab size 70 x 100 cm	FTM17	Rs. 35.00
** Rajasthan size 70 x 100 cm	FTM18	Rs. 35.00
Sikkim size 50 x 75 cm	FTM19	Rs. 24.00
Srilanka 70 x 100 cm	FTM20	Rs. 35.00
** Tamil Nadu size 70 x 100 cm	FTM21	Rs. 35.00
Telangana size 70 x 100 cm	FTM28	Rs. 35.00
U.S.A.	FTM27	Rs. 35.00
** Uttar Pradesh 70 x 100 cm	FTM22	Rs. 35.00
** Uttarakhand 70 x 100 cm	FTM23	Rs. 35.00
West Bengal 70 x 100 cm	FTM25	Rs. 35.00
** World size 100 x 70 cm	FTM26	Rs. 30.00

*\*\*Marked are available in respective state language also.*



## DESK OUTLINE MAPS

The maps are printed on superfine white paper in internationally accepted two colours. Black for International Border and Blue for Sea Coast. The maps are exquisitely drawn and our students will love to work on these.

### MAPS OF INDIA, WORLD AND CONTINENTS SIZE 27 × 22 CM



- DO01 India with States
- DO02 India Outline
- DO03 India with Rivers
- DO04 World with Countries
- DO05 World Outline
- DO06 South America Outline

- DO07 Asia Outline
- DO08 Africa Outline
- DO09 Australia Outline
- DO10 Europe Outline
- DO11 North America Outline

Each pad of 100 sheets each Rs. 90.00

### MAPS OF STATES OF INDIA SIZE 27 × 22 CM



- DO26 Andhra Pradesh with Districts
- DO28 Chhattisgarh with Districts
- DO29 Gujarat with Districts
- DO33 Kerala with Districts
- DO37 Rajasthan with Districts
- DO38 Tamil Nadu with Districts
- DO39 Uttar Pradesh with Districts
- DO40 West Bengal with Districts
- DO41 Andhra Pradesh Outline
- DO43 Chhattisgarh Outline
- DO44 Gujarat Outline

- DO45 Himachal Outline
- DO46 Jharkhand Outline
- DO47 Karnataka Outline
- DO48 Kerala Outline
- DO49 Madhya Pradesh Outline
- DO50 Maharashtra Outline
- DO51 Odisha Outline
- DO52 Rajasthan Outline
- DO53 Tamil Nadu Outline
- DO54 Uttar Pradesh Outline
- DO55 West Bengal Outline

Each pad of 100 sheets each Rs. 90.00

### PRACTICE MAPS

The maps are printed on thick maplitho paper. The maps are printed on both sides. One side with administrative boundaries and other side natural. These are duly laminated on both sides to facilitate use of white board marker.

- |                             |                |            |
|-----------------------------|----------------|------------|
| PMM01 Practice Map of India | size 70x100 cm | Rs. 140.00 |
| PMM02 Practice Map of World | size 100x70 cm | Rs. 150.00 |

\* Supplied without marker pens.

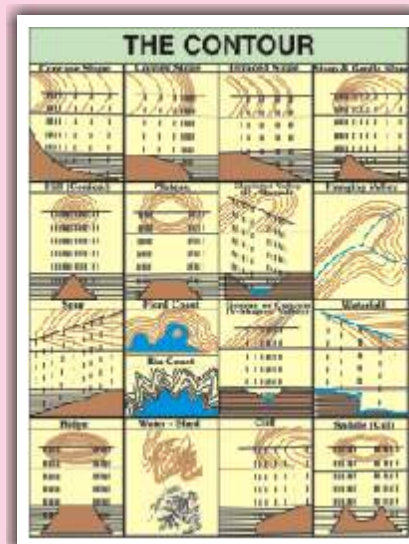
## SPECIAL PVC ROLLUP CHARTS

**SRLC CONTOUR Roll up Chart- (Printed on white PVC)** Showing in contoured lines- Concave slope, Convex slope, Cliff, Conical Hill, Saddle or Pass, Plateau, Valley, Spur, Fiord Coast, Gorge, Waterfall, Ridge etc. size 100 x 135 cm Rs. 550.00

**MR21 Contour Chart Size 70x100 cm, Set of 2 (synthetic)** Rs. 360.00

**White Roll up Chart Laminated size**

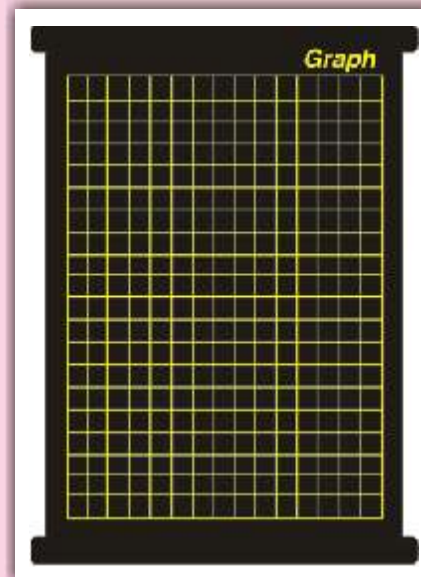
<b>WRC01</b> 50x75 cm	Rs. 62.00
<b>WRC02</b> 70x100 cm	Rs. 110.00
<b>WRC03</b> 100x140 cm	Rs. 220.00



## ROLLUP BLACK CHARTS & GRAPHS

On Thick (0.20mm) Jet Black PVC Sheet. Most Durable, Attractive & Easy to Carry, Store & Display. Chalk writes very smoothly & can easily be cleaned by an ordinary cloth or foam type cleaner.

RBPL	<b>Plain Roll Up Black Charts</b>	100 x 135 cm	180.00
RBPM	<b>Plain Roll Up Black Charts</b>	67 x 100 cm	94.00
RBPS	<b>Plain Roll Up Black Charts</b>	50 x 67 cm	54.00
RBGS1	Graph 1 cm Square	50 x 67 cm	78.00
RBGM1	Graph 1 cm Square	67 x 100 cm	108.00
RBGL1	Graph 1 cm Square	100 x 135 cm	220.00
RBGM2	Graph 2 cm Square	67 x 100 cm	108.00
RBGL2	Graph 2 cm Square	100 x 135 cm	220.00
RBGM5	Graph 5 cm Square	67 x 100 cm	120.00
RBLM4	Four Line Roll Up	67 x 100 cm	120.00
RBLL4	Four Line Roll Up	100 x 135 cm	240.00
RBLM2	Two Line Roll Up	67 x 100 cm	120.00
RBLL2	Two Line Roll Up	100 x 135 cm	240.00



## GEOGRAPHICAL OUTLINE MAPS ON BLACK PVC SHEET

OMM01	World (with Countries)	100 x 67 cm	120.00
OMM02	World (without Countries)	100 x 67 cm	120.00
OMM03	World (with Rivers)	100 x 67 cm	130.00
OMM04	India (with States)	67 x 100 cm	110.00
OMM05	India (without States)	67 x 100 cm	110.00
OMM06	India (with Rivers)	67 x 100 cm	120.00
OMM07	Asia (with Countries)	100 x 67 cm	120.00
OMM08	Europe (with Countries)	100 x 67 cm	120.00
OMM09	Australia (with Countries)	100 x 67 cm	120.00
OMM10	South America (with Countries)	67 x 100 cm	110.00
OMM11	Africa (with Countries)	67 x 100 cm	110.00
OMM12	North America (with Countries)	67 x 100 cm	110.00
OMM13	Andhra Pradesh (With Districts)	100 x 67 cm	130.00
OMM14	Chhattisgarh (with Districts)	67 x 100 cm	120.00
OMM15	Kerala (with Districts)	67 x 100 cm	120.00
OMM15P	Kerala (without Districts)	67 x 100 cm	120.00
OMM16	Rajasthan (with Districts)	67 x 100 cm	120.00
OMM17	Tamilnadu (with Districts)	67 x 100 cm	120.00
OMM18	Tamilnadu (without Districts)	67 x 100 cm	120.00
OMM19	Tamilnadu (Rivers)	67 x 100 cm	130.00
OMM20	Maharashtra (with districts)	100 x 67 cm	130.00



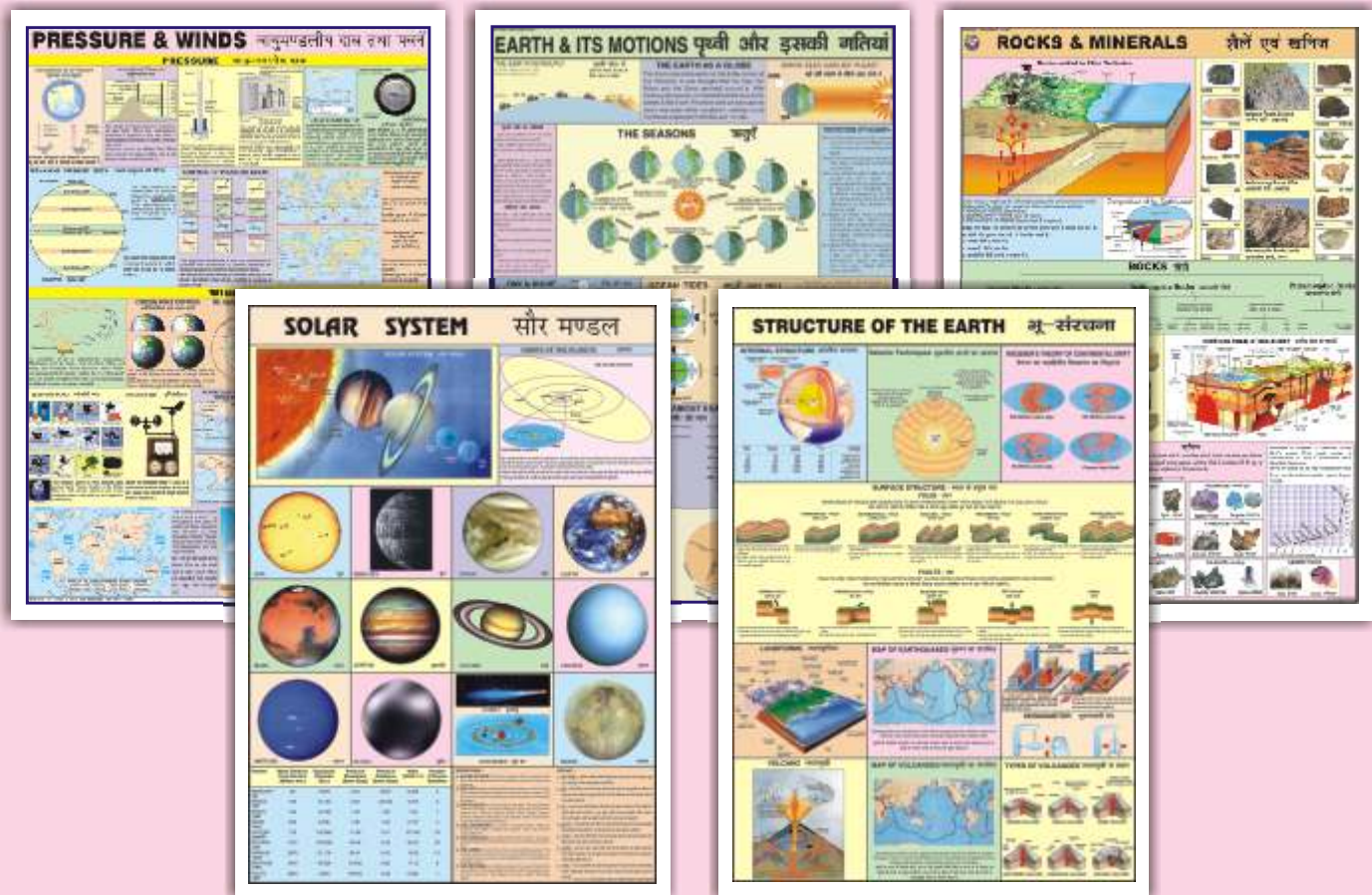
# CHARTS ON GEOGRAPHY

Each chart designed by experts in a scientific way, printed in natural colours, size 70x100 cm.

Printed on paper, laminated in English and Hindi combined - Each Rs. 120.00

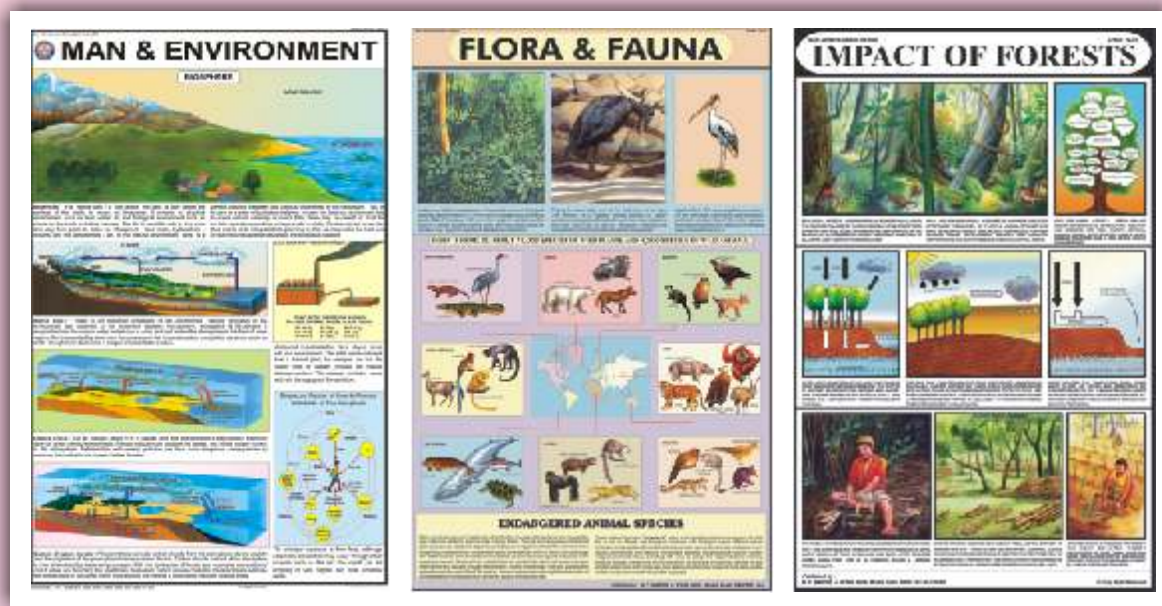
Printed on Synthetic Paper in English only Code GCM01S to GCM13S - Each Rs. 180.00

- GCM01 HEAVENLY BODIES:** Showing all the nine Planets & their Natural Satellites, Constellations of the Zodiac symbols. Local Group of Galaxies, Physical data of planets and stars in the Northern and Southern Hemispheres.
- GCM02 SOLAR SYSTEM:** Showing the Milky Way, Sun & Planets according to size and distances, description of Satellites, Comets and Meteors
- GCM03 EARTH & ITS MOTIONS:** Clearly depicting the shape & size of the Earth, the phenomenon of Day & Night, Seasons, Solar & Lunar Eclipses, Tides, Longitudes & Latitudes, Time Zones etc.
- GCM04 STRUCTURE OF THE EARTH:** Density & temperature of Different Earth shells, Behaviour of earthquake waves, folds & faults.
- GCM05 ROCKS & MINERALS:** Showing rocks related to tectonic plates. Types of Rocks, Composition of Earth's crust, Rock cycle and types of Minerals.
- GCM06 ATMOSPHERE & SPACE:** showing Formation, Layers of Atmosphere, Temperature, Pressure and composition of Earth's atmosphere, Green House effect, Radiation Belt, Distribution of Solar Energy.
- GCM07 PRESSURE & WINDS:** Showing Pressure zones, Vertical and horizontal Air circulation, Cyclones, Anti-cyclones, Tropical cyclones, July and January Monsoons, Pressure belts & Trade Winds.
- GCM08 WEATHER MAP SYMBOLS:** Showing the symbols of various types of clouds, Weather and wind conditions, Sea conditions.
- GCM09 OCEAN:** Showing topography of Ocean floor, Vertical distribution of ocean life, Tsunami, Coastline feature and Map of ocean currents.
- GCM10 SURVEYING:** Clearly depicting in diagrams & letters. Chain Tape Survey & Plane Table Survey, various instruments required & the technique.
- GCM11 CONVENTIONAL SIGNS:** Depicting in diagrams and letters various conventional signs of communications, water bodies, religious places etc. as shown on maps.
- GCM12 MAP PROJECTIONS:** Showing all major map projections used to represent the Earth's surface or its parts.
- GCM13 STORM AND OCEAN CURRENT:** Showing formation of devastating storms on the earth like Tornadoes, Cyclones and Anticyclones. It also explains the formation of currents in Ocean.



# Most Important Topic of The Day MAN AND ENVIRONMENT

Each chart size 50 × 75 cm. Laminated

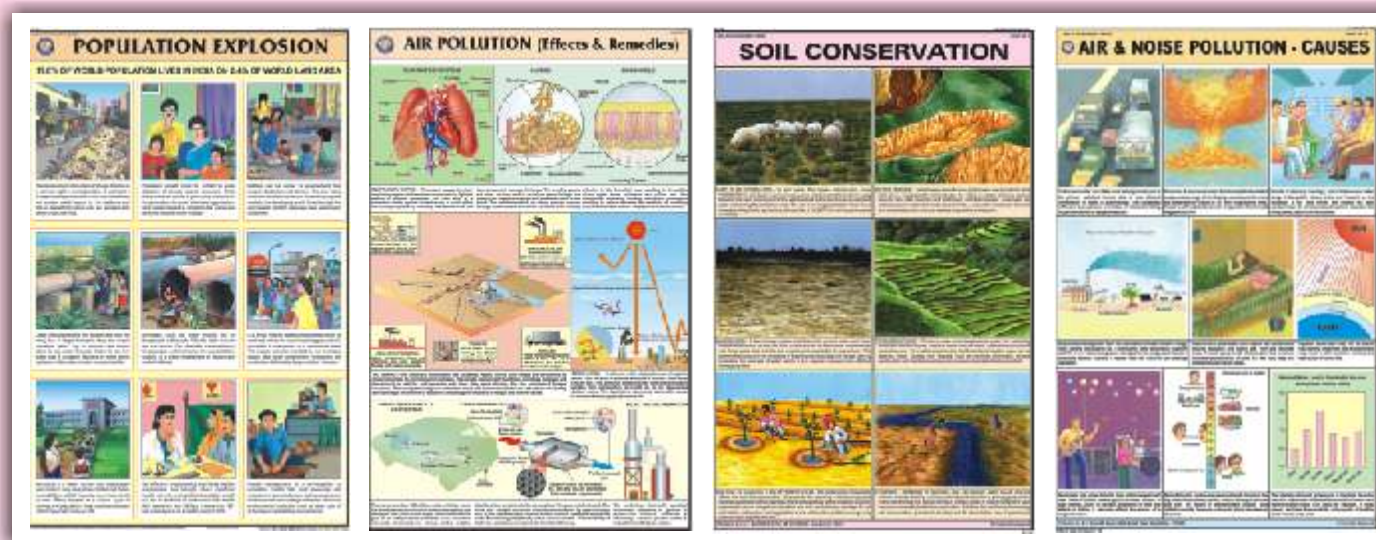


We have been receiving persistent demands for some authentic & informative charts on Man & Environment showing man's position in the biosphere, How it is effected by the Man. The topic is being presented in 10 beautifully illustrated charts as below :-

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- ME03 Air Pollution (Effects & Remedies) :- How the pollutants effect man's lungs, thinning of ozone layer, green house effects.
- ME04 Flora & Fauna :- How due to man's indiscriminate use of our natural resources these valuable species are disappearing.
- ME05 Water Pollution :- Industrial effluents mixing with the river water, apathy of govt. in providing safe drinking water.
- ME06 Impact of Forests :- Indiscriminate destruction of our forest reserve resulting in a vicious circuit of destruction of flora & fauna.
- ME07 Soil Conservation :- Methods of soil preservation, planting of trees, contour bunding etc.
- ME08 Population Explosion :- The link between poverty and population.
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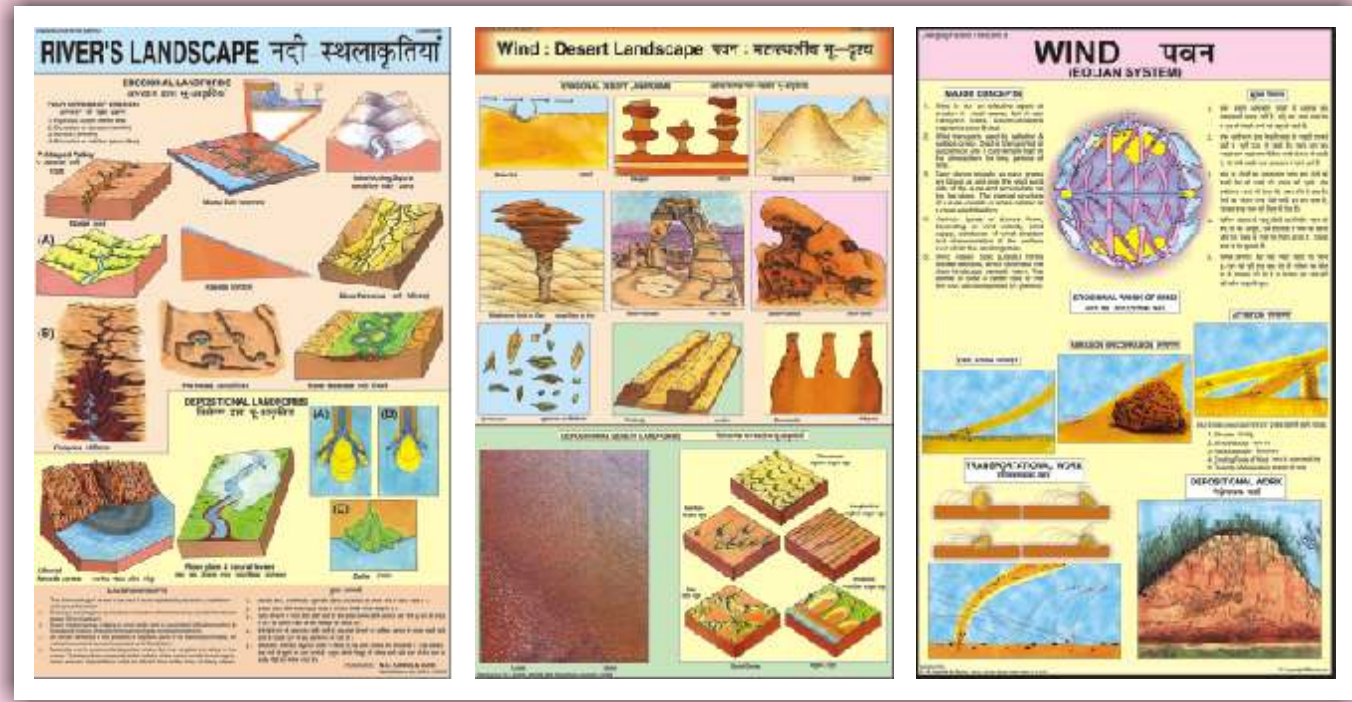
- GCS01 Phases of the Moon
- GCS02 Solar & Lunar Eclipse
- GCS03 Seasons
- GCS04 Tides
- GCS05 Sun and Planets
- GCS06 Water Cycle in Nature
- GCS07 Directions and How to find them
- GCS08 Conventional Signs
- GCS09 Earth is Round
- GCS10 Physical Features of Earth

- GCS11 Day & Night
- GCS12 Earthquake
- GCS13 Longitude & Latitude (Eng. only)
- GCS14 Types of Clouds
- GCS15 Hill Features, Contours & Map Setting
- GCS16 Factors that Affect Climate
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- GCS18 Volcano
- GCS19 Ocean Currents
- GCS20 Sunlight and Rainbow (Eng. only)



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- CF03 **STREAMS (RIVERS):-** How a stream is formed and functions-collecting system, transporting system and dispersing system. major concepts of drainage fully explained.
- CF04 **RIVER'S LANDSCAPE:-** Erosional landforms, Depositional landforms
- CF05 **STREAM (RIVER'S PATTERNS):-** Showing all the drainage pattern of the stream.
- CF06 **SEA WATER:-** Erosion, Transportation of the particles & deposition of the eroded material.
- CF07 **COASTAL LANDSCAPE:-** Showing different figures and diagrams made by Sea Water.
- CF08 **SEA WATER SHORELINES:-** Evolution of Atoll and Reefs. Submergence, Emergence and Compound shorelines etc. are explained with the help of a table.
- CF09 **WIND - EOLIAN SYSTEM:-** Showing the parameters how wind acts on the Earth's surface.
- CF10 **WIND-DESERT LANDSCAPE:-** Shows various Desert landforms such as Blow out, Zeugen, Wind window, Inselberg, yardang. Mushroom Rock, Stone Lattice, Loess, Sand Dunes etc.
- CF11 **GLACIER:-** Continental Glacier, Piedmont Glacier & Valley Glacier together with their effects.
- CF12 **GLACIAL LANDFORM:-** Creation of landforms due to erosion, transportation and deposition.
- CF13 **GROUND WATER :-** Zone of Aeration, Water Table, Zone saturation
- CF14 **GROUND WATER-Natural & Artificial Discharge:-** Giving detailed diagrams of Seep and Spring, Well, Artesian Water, Thermal Springs & Geysers etc.
- CF15 **GROUND WATER - KARST LANDSCAPE:-**How water seeps through limestone and dissolves the lime resulting in various astonishing shapes such as poljes, Funnel shaped dolines, Blind Valley, Sink holes, Natural Bridges etc.

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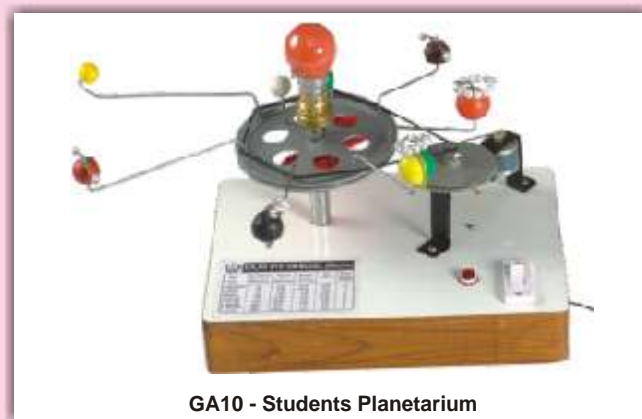
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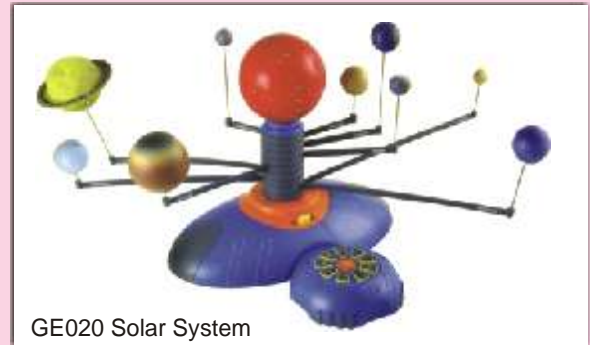
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GA14



GA13

## GA13 Earth Layer Model

on stand. Dia 20 cm. Price Each Rs. 1100.00

## GA13A Earth Layer Model

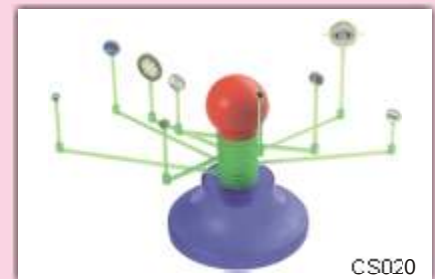
on stand. Dia 30 cm. Price Each Rs. 2000.00

## GA14 Structure of Sun

on stand. Price Each Rs. 1100.00

## CS020 Mini Solor System

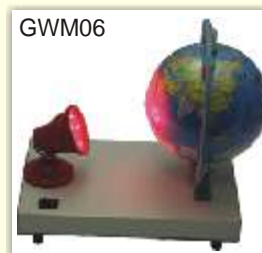
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GWM07 - Seasons Model (Battery not included)	Rs. 1400.00



GWM06

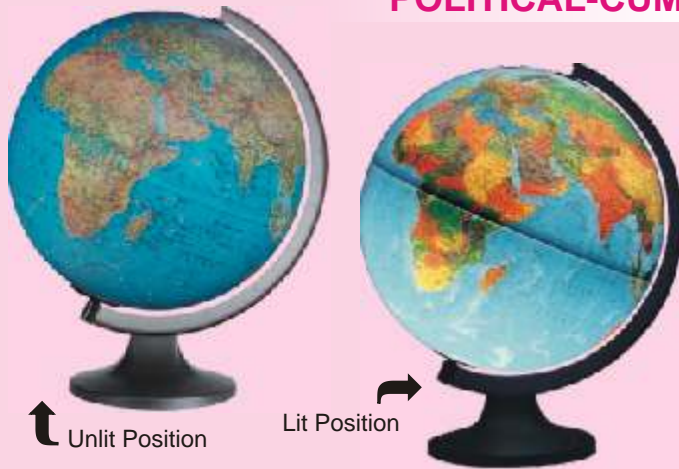


GWM07

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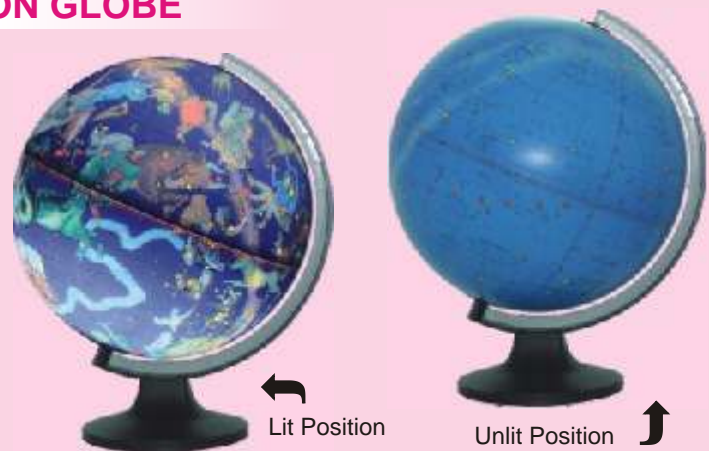
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- Better visualization of mountains and plains.
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**Salient Features:**

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- Shows craters, "seas" and mountains.
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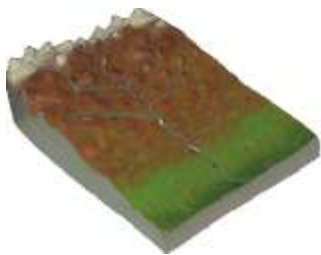


# GEOGRAPHICAL MODELS

## GEOMORPHOLOGY MODELS

**Code : NGM01**  
**Collecting River System :**

Collecting river system consists of a network of tributaries in the headwater region. V-shaped valleys, interlocking spurs, rapids, waterfalls and gorges are features associated with it.



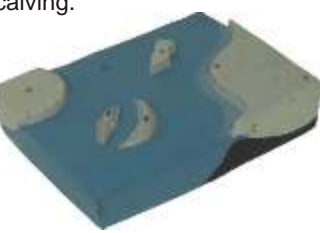
**Code : NGM02**  
**Transporting River System :**

Main trunk stream system of water and sediment movement from collecting system towards dispersing system. Meanders, oxbow lakes and levees are features associated with it.



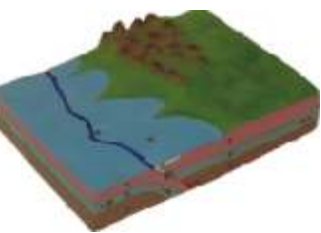
**Code : NGM03**  
**Ice Sheet and Icebergs :**

An ice sheet is a mass of glacial land ice extending more than 50,000 square kilometers. An ice shelf is the floating extension of the ice sheets. The primary mechanism of mass loss from ice shelves is iceberg calving.



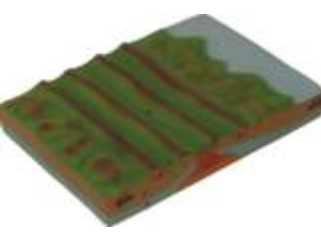
**Code : NGM04**  
**Convergent Plate Boundaries :**

Convergent plate boundaries, also known as destructive plate boundaries are zones where lithospheric plates collide. Magma is generated at subduction zones.



**Code : NGM05**  
**Divergent Plate Boundaries :**

Divergent plate boundaries, also known as constructive plate boundaries are zones where lithospheric plates drift from one another.



**Code : NGM06**  
**Transform Plate Boundaries :**

Transform plate boundaries move horizontally past each other on strike-slip faults. Lithosphere is neither created nor destroyed.



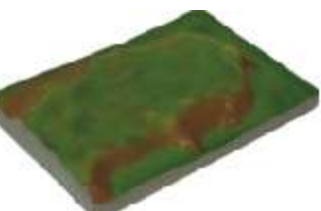
**Code : NGM07**  
**Structural Basin :**

A structural basin is a large-scale structural depression of rock strata formed by tectonic warping of previously flat lying strata. The exposed strata in a basin are progressively younger from outside-in, with the youngest rocks in the center.



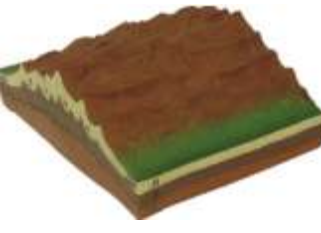
**Code : NGM08**  
**Plateau**

A plateau is an area of highland, usually consisting of relatively flat terrain. The essential criteria for plateaus are low relative relief and some altitude.




**Code : NGM09**  
**Fold Mountains :**

Mountains formed mainly by the effects of uplift and folding on layers within the upper part of the Earth's crust. Fold Mountains are usually formed from sedimentary rocks.



**Code : NGM10**  
**Normal Fault :**

In normal fault, the hanging wall block moves down relative to the footwall block. Normal faults are associated with crustal tension.



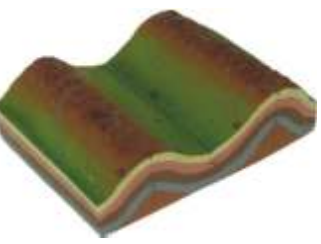
**Code : NGM11**  
**Reverse Fault :**

In reverse fault, the hanging wall block moves up relative to the footwall block. Reverse faults are associated with the crustal compressions.



**Code : NGM12**  
**Anticlines and Synclines :**

Anticlines and synclines are folded rock layers formed in sections of the crust that are undergoing compression. Anticlines are arch shaped and synclines are trough shaped.



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# GEOGRAPHICAL MODELS

## GEOMORPHOLOGY MODELS


**Code : NGM13**  
**Horsts and Grabens :**

Horsts and grabens are the regions that lie between normal faults. A horst represents a block pushed upward by the faulting, and a graben is a block that has dropped due to the faulting.



**Code : NGM14**  
**Groundwater :**

Water located beneath the ground surface in soil pore spaces and in the fractures of rock formations. Ground water can be obtained by drilling or digging wells.




**Code : NGM15**  
**Sand Dunes - Barchans :**

A barchan dune is an arc-shaped sand ridge, comprising well-sorted sand. Barchans are the commonest types of dunes occurring in sandy deserts.



**Code : NGM16**  
**Archipelago :**

An archipelago is a chain or cluster of islands. Archipelagos may be found isolated in bodies of water or neighboring a large land mass.




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# SOME SPECIAL AIDS FOR SST LAB

## MODELS OF GEOGRAPHICAL TERMS

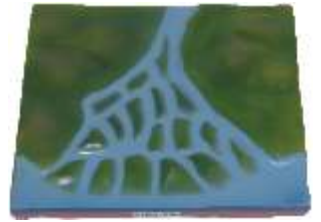
**GT01 - River Meander & Ox Bow Lake**

A meander is a bend in a sinuous watercourse. When a meander gets cut off from the main stream, a U-shaped oxbow lake is formed.



**GT02 - Delta**

A delta is a land form that is formed at the mouth of a river. Deltas are formed from the deposition of the sediment carried by the river.



**GT03 - Valley**

An elongated lowland between ranges of mountains, hills, or other uplands, often having a river or stream running along the bottom is a valley.



**GT04 - Water Fall**

A waterfall is a place where flowing water rapidly drops in elevation as it flows over a steep region or a cliff.




**GT05 - Gorge & A Mountain**

Gorge is a deep ravine between cliffs often carved from the landscape by a river.




**GT06 - An Irrigation Dam**

A dam is a barrier that impounds river water. Dams store water for irrigation, to meet energy demands and to meet water needs for towns.



**GT07 - A Mountainous Pass**

A mountain pass is a natural route through a mountain range or over a ridge. It marks the highest point between two valleys and the lowest point along a ridge.



**GT08 - Glacier**

A glacier is a large persistent body of ice that forms where the accumulation of snow exceeds its ablation.



**Made of Fibre Glass      Size 22 x 15 cm      Any one model      each Rs. 275.00**  
**Size 40 x 35 cm      Any one model      each Rs. 800.00**

# SOME SPECIAL AIDS FOR SST LAB

## MODELS OF GEOGRAPHICAL TERMS

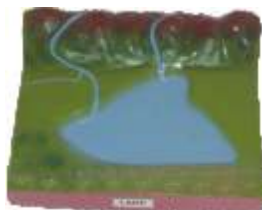
### GT09 - Island & Lagoon

Island is a piece of land surrounded by water. A lagoon is the enclosed water of an atoll.



### GT10 - Lake

A lake is a body of water of considerable size, localized in a basin, that is surrounded by land. Lakes are inland.



### GT11 - Peninsula

A projecting area of land completely surrounded by water from three sides.



### GT12 - Isthmus

A narrow land connecting two larger land areas with waterforms on either side.



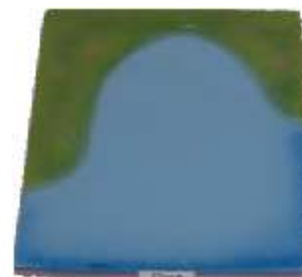
### GT13 - Strait

A narrow channel of water connecting two larger, navigable water bodies.



### GT14 - Bay

An area of sea water mostly surrounded by land.



### GT15 - Cape

A cape is a point or body of land extending into a body of water, usually the sea.



### GT16 - Estuary

An arm of the sea that extends inland to meet the mouth of a river.



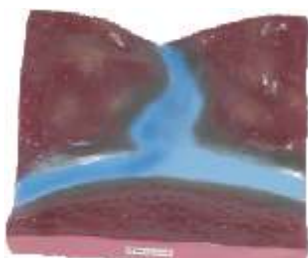
### GT17 - Gulf

A Gulf is a large bay that is an arm of an ocean or sea.



### GT18 - Confluence

Confluence is the point where two streams flow together, merging into a single stream.



### GT19 - Concave & convex slopes

Terrain feature that is rounded like the exterior of a sphere is a convex slope. Terrain feature that is rounded inward like the inside



### GT20 - Undulating slopes

Landmasses having a wavelike appearance or form are known as undulating slopes.



Made of Fibre Glass

Size 22 x 15 cm  
Size 40 x 35 cm

Any one model  
Any one model

each Rs. 275.00  
each Rs. 800.00

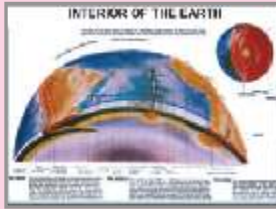
# 3D GEOGRAPHICAL CHARTS

SIZE 72 X 100 cm

Price Rs. 2650.00 each



RRC01  
River in Action  
(Water Cycle)



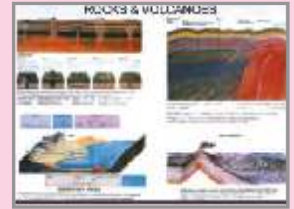
RRC02  
Interior of the Earth



RRC03  
Geographical Terms



RRC04  
Conventional Signs



RRC05  
Rocks & Volcanoes



RRC06  
Restless Earth



RRC07  
Oxygen & Carbon  
Cycle in Nature



RRC08 Folds & Faults



RRC09  
The Volcanic System



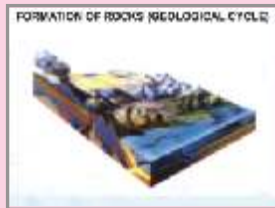
RRC10  
Glacial Landscape



RRC11  
Air & Water Pollution



RRC12  
Origin of the Earth



RRC13  
Formation of Rocks



RRC14  
Earthquake



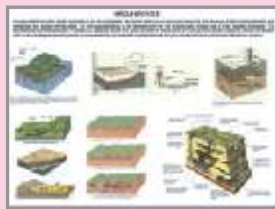
RRC15  
Model of Lakes



RRC16  
Story of the Earth



RRC17  
Weathering Model



RRC18  
Ground Water



RRC19  
Precipitation (Rainfall)



RRC20  
Cyclones & Anticyclones



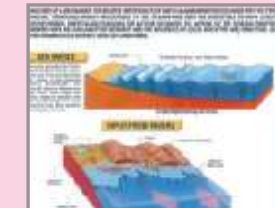
RRC21  
Desert Features &  
Eolian System



RRC22  
Cycle of Erosion



RRC23  
Drainage Pattern



RRC24  
Shoreline System



RRC26  
Mass Movement on Earth



## 3D MAPS



RRM01 India Physical

SIZE 72 X 100 cm  
Price Rs. 2750.00 each

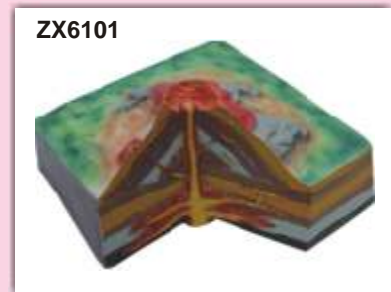
- RRM01 India Physical
- RRM02 World Physical
- RRM03 Europe Physical
- RRM04 Africa Physical
- RRM05 Australia Physical
- RRM06 North America Phy.
- RRM07 South America Phy.
- RRM08 Asia Physical



RRM02 World Physical

## GEOGRAPHY MODELS

	<i>Size</i>	<i>Price</i>
<b>ZX6101</b> Composite Volcano Cutaway Model	39 x 39 x 22 cm	Rs. 3500.00
<b>GT51</b> Structure of Volcano in two parts	26 x 26 x 15 cm	Rs. 1000.00
<b>GT52</b> Underground Mine Model	30 x 40 cm	Rs. 800.00
<b>GT53</b> Open Pit Mine Model	30 x 45 cm	Rs. 400.00
<b>GT54</b> Water Table Model	40 x 52 cm	Rs. 1200.00
<b>GT101</b> Hot Spot Volcanoes Model	36 x 20 x 11 cm	Rs. 800.00
<b>GT102</b> Ria Coastline Model	22 x 32 x 13 cm	Rs. 800.00
<b>GT103</b> Mountain Front Recharge Model	36 x 20 x 17 cm	Rs. 800.00
<b>GT104</b> Hillslope Springs Model	20 x 34 x 16 cm	Rs. 800.00



### **VOLCANO (CM011)**

Assemble and customize your own volcano. Hear its explosive sound, see how it glows and explodes.

Parts: Volcano base, Water Column, Citric Acid, Spoon, Small Sponge, Two halves of Volcano, Measuring Cup, Food Coloring, Set of paints, Instruction Manual, Bottle and Top, Bicarbonate Cup, Safety Goggles, Paint Brush.

each Rs. 2800.00

# LANDFORM MODELS

**MADE OF FIBRE GLASS** Each size 40 x 35 cm Rs. 1000.00



**LF01. Volcanic Action A**  
(Lava Plateau)



**LF02. Volcanic Action B**  
(Caldera, Crater & Lake, Volcanic neck, Cinder Cone, Ring Dyke and Laccolith)



**LF03. River Action A**  
(Alluvial Fan & Braided Channel)



**LF04. River Action B**  
(Entrenched/Incised Meander, Canyon)



**LF05. Delta Formation A**  
(High-Constructive Bird's Foot Delta)



**LF06. Delta Formation B**  
(High Destructive Tide Dominated Delta)



**LF07. Sea Action A**  
(Depositional Landforms Along the Coast)



**LF08. Sea Action B**  
(Erosional Landforms Along the Coast)



**LF09. Desert Formation A**  
(Sand Dunes Field)



**LF10. Desert Formation B**  
(Erosional Landforms of Desert)



**LF11. Glaciation A**  
(Esker, Drumlin, Kame, Kettle Hole, Moraine & Outwash Plain)



**LF12. Glaciation B**  
(Glacial Trough, Hanging Valley, Cirques, Tarn etc.)

## LAND FORM MODEL



LF100

**LF100. Land Form**

- Model set of 8.
  - Made of fibre glass
  - Showing different physical features such as Plains, Glaciers, Volcanos, Canyons, Deserts, Lakes, Sea and Coastlines etc. in addition to cultural features like Cities, Canals & highways
  - All eight pieces join to form a continuous hexagonal shaped model
  - Size 90 x 90 cm
- per set Rs. 7500.00

# PLANE TABLE SURVEY EQUIPMENT

**SE01 PLANE TABLE:** with board and stand fitted with specially made metal head  
size 60 x 75 cm Rs. 3300.00

**SE02 PLANE TABLE BOARD** as above complete with following Accessories. Brass Alidade (Sight vane) 45 cms, Trough Compass 15 cms, Spirit Level 15 cms, Plumbob, Plumbing Fork. Complete set Rs. 4350.00

**SE02D** Same as SE02 but with metal stand. Rs. 5400.00



SE02

**Sight Vane Alidade** Made of solid brass fitted with hinged vanes, one edge bevelled and graduated.

**SE03** size 60 cm Rs. 650.00

**SE04** size 45 cm Rs. 480.00

**SE05 Sight Vane Wooden** 57 cms long bubble and compass needle Rs. 1050.00

**SE06 Magnetic Trough Compass** rectangular Size 15 cm in length Rs. 280.00

**SE07 Brass Plumbob** fitted with hard point & cord. Each Rs. 160.00



SE07

**SE08 Plumbing Fork** made of metal highly lacquered. Rs. 90.00

**SE09 Spirit-Level** for Plane table 15 cm size mounted on wooden base Rs. 50.00

**SE10 Engineer's Spirit Level** 15 cm with adjusting arrangement. Each Rs. 450.00

**SE11 Telescopic Alidade** improved quality German pattern fitted with internal focussing telescope focussing level 151 mm Each Rs. 5800.00

**SE12 Optical Square** with adjusting screws & 2 mirrors. Each Rs. 200.00

**MKS14 Optical Square - Brass** Each Rs. 400.00

**SE13 Cross Vertical Staff** highly lacquered with 4 vertical vanes size 10 cm Each Rs. 200.00

**MKS15 Cross Vertical Staff - Brass** Each Rs. 400.00

**SE14 Octagonal Cross Vertical staff** Each Rs. 800.00

**SE15 Tracing Table** with provision of glass. Complete with electric fitting without glass and tube Each Rs. 9500.00

## CHAIN TAPE SURVEY SET

**SE41 Chain Tape Set** Consisting of one 30 Meter Engineering chain with ten arrows, 15 Meter long Freeman Brand Metal wire Tape, one Magnetic Trough compass, three Ranging Rods (2 pcs) and Field Book. per set Rs. 2950.00

**SE42 Engineer's Chain** mild steel wire No 8 S.W.G. with brass handles & tickets 30 meter long, tied in leather strap with 10 arrows Rs. 1300.00

**SE43 Field Book** Rs. 45.00

**SE44 Spare Arrows for chain set of 10** Rs. 110.00 set

**SE45 Engineer's Chain** 20 meter long with 10 arrows Each Rs. 1150.00

**Metal wired Tape Freeman Brand**

**SE46** 15 meter Each Rs. 250.00

**SE47** 30 meter Each Rs. 440.00

**Fibre Glass Tape**

**SE48** 15 meter Rs. 265.00

**SE49** 30 meter Rs. 450.00

**SE50** 50 meter Rs. 750.00

**Steel Tape**

**SE51** 15 meter Rs. 380.00

**SE52** 30 meter Rs. 650.00

**SE53 Ranging Rod - 6 ft. long** made of steel pipe painted black & white Rs. 320.00

**SE54 Ranging Rod - as above 2 mtr. long** in 2 pcs. as illustrated Rs. 360.00

**SE55 Tripod for Ranging Rod** Rs. 700.00

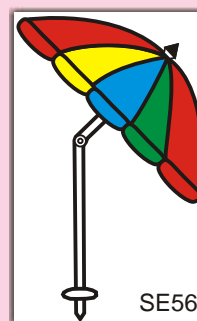


SE54



SE42

## SURVEY UMBRELLA



SE56

Survey Umbrella standard pattern light in weight 210 cms diameter, can be inclined at an angle. All metal fittings Multicoloured waterproof cloth.

**SE56** Single layer cloth Rs. 1500.00

**SE57** Double layer cloth Rs. 1800.00

**SE60** Digitape 80M Rs. 21000.00 each



Digitape 80M

# LEVELLING INSTRUMENTS

(meant for Educational use only)



**SE72 Prismatic Compass** 10 cms dia made of gun metal & Aluminium circle graduated to 30 min (0.5 degree) packed in sling case complete with alluminium stand, having ball and socket joint. Each Rs. 2310.00



**SE73 Dumpy Level Quick Setting 300 mm (12") Internal Focusing** in a well padded and highly polished teak wood box as per IS specification Each Rs. 9600.00

**SE74 Dumpy Level - Good Quality** Each Rs. 7500.00



**SE75 Vernier Transit Theodolite** (Least Count 20 Seconds) 175 mm (7") internal focusing Complete with all accessories in wooden box with alluminium stand Each Rs. 21800.00

**SE77 Nautical Sextant** : 7/16" radius micrometer hand made of silver reading to 12 seconds with mirror and shades, complete with sight tube inverting and one erecting telescope and glass packed in a well polished box with lock & Key. Each Rs. 7000.00

**SE78 Box Sextant** : 75 mm dia divided from 0 to 140 degrees fitted with vernier to read 1 minute with magnifier for reading with telescope in leather case each Rs. 1800.00

**Magnifying Glass with Metal Handle**

**SE79** 10 cm dia Each Rs. 150.00

**SE80** 7.5 cm dia Each Rs. 110.00

**SE81** 5 cm dia Each Rs. 50.00



**SE82 Abney Level** 225 mm Telescopic with double draw to the tube Arc divided to 30 minutes & reading by Vernier to 10 min. Each Rs. 1150.00



**SE83 India Pattern Clinometer** with rack & pinion arrangement with face of vane divided on one side for elevation & depression in degrees & on the other side with scale of tangents brass. Each Rs. 2000.00



**Leveling Staff** Full alluminium body telescopic in 3 pieces complete in canvas cover.

**SE84** 4 Meter Each Rs. 1300.00

**SE85** 5 Meter Each Rs. 1800.00

**SE86** 6 Meter Each Rs. 2150.00

**SE87 Mirror Stereoscope** Packed in wooden case. Each Rs. 3000.00

**SE88 Pocket Stereoscope** Each Rs. 500.00

**Satellite Images**  
are also available. For details,  
please see page no. 4



SE90

- SE89 Aerial Photograph coloured** Pair Rs. 700.00
- SE90 Clinometer Compass 75 mm** Each Rs. 700.00
- SE91 Compass Liquid filled Plastic body** Rs. 200.00
- SE93 Compass Liquid filled Metallic body Extra Superior** Rs. 1050.00



Brunton Compass  
DQL-8

SE103

- SE103 Brunton Compass DQL-8** : Precision of Plate Level : 20' ± 5/2 mm, Precision of Circular Level : 30' ± 5/2mm, Reading Error : <0.5° Min. Graduation : 1", Damping Time : <15. Each Rs. 7200.00

## METEOROLOGICAL INSTRUMENTS

(meant for Educational use only)

**MI21 Portable Meteorological Outfit** : Comprising of a Brass Rain gauge with funnel, receiver and a graduated jar, Aneroid Barometer, Wall Thermometer, Dry & Wet bulb Thermometer, Max & Mini. Thermometer fitted in box, Best quality

Each Rs. 4200.00

**MI22 Stevenson's Meteorological Screen:** Double Louvered, white painted for placing standard size Thermometers & other instruments 54 × 43 × 26 cm (without instruments).

Each Rs. 5100.00

**MI23 Rain Gauge Symon's:** Standard 12½ cms dia, complete with inside receiver and measuring jar, Made of Brass

Each Rs. 900.00



MI25



MI26

**MI24 Rain Gauge** as above made of Galvanised Sheet

Each Rs. 500.00

**MI25 Rain Gauge Self Recording:** Comprising of a nickelled brass receiver placed at the top of a sensitive dial pattern balance as illustrated.

Each Rs. 2750.00

**MI26 Wind Vane Apparatus:** large size about 125 cm high with N.E.S.W. points Arrow Type Extra Superior quality

Each Rs. 1800.00

**MI27 Altimeter:** This is a precision measuring instrument which indicates height above sea level (altitude). The principle employed is that of a sensitive Aneroid Barometer which responds to small variations in atmosphere, Altitudes are indicated on the dial. Range 0 to 5000 meter. Least count 20 meters

Each Rs. 5000.00



MI40

MI31

**MI40 Altimeter Digital:** With Multi-Function Compass.

Each Rs. 9500.00

**MI28 Pedometer Digital:** Good quality

Each Rs. 2500.00

**MI31 Stop Watch Electronic Digital** 1/100 second

Each Rs. 500.00



MI33

MI34

**MI33 Aneroid Barometer:** Indian made Demonstration Model

Each Rs. 550.00

**MI34 Aneroid Barometer:** Indian made

Each Rs. 450.00

**MI35 Aneroid Barometer:** Imported 10 cm dial

Each Rs. 3500.00

**MI36 Robinson's Cup Anemometer:** Electrical signalling anemometer complete with flashlight unit, electric lead instructions with counter

Each Rs. 6500.00



MI37

**MI37 Anemometer Model**

Each Rs. 650.00

**MI38 Hair Hygrometer:** 85 mm dia, German movement

Each Rs. 650.00

**MI39 Thermo - Hygrometer Digital**

Each Rs. 1300.00

**MI41 Anemometer Model Hand held.** Made of plastic

Rs. 1200.00



MI41

## WEATHER CENTRE WS2350



MI101

MI101

**Features :**

- **Indoor Temp. :** from -9.9°C to 59.9°C
- **Outdoor Temp. :** from -29.9°C to 69.9°C
- **Indoor & Outdoor Humidity :** 1 to 99% in %RH
- **Precipitation :** -1H, 24H or total volume display
- **Dew Point** (mm or inch)
- **Windchill Display**
- **Wind Direction and Speed :** Km/h, m/s, mph
- **Atmospheric Pressure** (hPa or in Hg)
- Recording of the Min/Max with time and date for all the data measured.
- 21 alarm settings.
- EEPROM Memory
- Storage of 175 data measured computer connection and programming include creation, publication, save and configuration of all data measured.

• Each Rs. 40000.00

## DRAWING INSTRUMENTS

**DI05 Drawing Instruments Box:** Containing one half-set compass 15 cm, One Divider 15 cm, Pen and Pencil Point, Ink Point, Lengthening Bar, Compass, Divider, Ink compass, Rotring type attachment, Bow Pen, Handle for hand work, Lead case and tightening key/screw driver. Each Rs. 550.00

**Set Squares of Transparent Plastic 3 mm thick**  
45 x 60 degrees Bevelled edges

**DI06** size 20 x 25 cm per pair Rs. 75.00

**DI07** size 25 x 30 cm per pair Rs. 90.00

**Foot Rulers Plastic**

**DI08** size 12" (30 cm) Each Rs. 20.00

**DI09** size 24" (60 cm) Each Rs. 40.00

**DI10** size 40" (100 cm) Each Rs. 250.00

**Pantagraph :** Most improved quality. For enlarging or reducing diagrams, in wooden box

**DI11** Size 60 cm Each Rs. 2000.00

**DI12** " 75 cm Each Rs. 2400.00

**DI13** " 90 cm Each Rs. 2700.00

**Architectural French Curves** of transparent plastic

**DI14** Set of 12 curves Rs. 120.00

**DI15** Set of 24 curves Rs. 600.00

**DI16 Plain Divider** 125 mm Each Rs. 60.00

**DI17 Pencil Compass** 125 mm Rs. 60.00

**DI18 Ink Compass** 125 mm Rs. 60.00

**DI19 Map measurer-Rotameter :** Double Sided  
Each Rs. 600.00

**DI20 Beam Compass** 30 cm with plastic scale Each Rs. 500.00

**Beam Compass :** Telescopic with Pen, Pencil & divider points in wooden box

**DI21** size 600 mm Each Rs. 800.00

**DI22** size 750 mm Each Rs. 950.00

**DI23 Plastic scale set of 8** per set Rs. 65.00

**DI25 Plastic Protractors Circular** 6" (15 cm) Rs. 25.00

**DI27 Spring Divider** 95 mm Rs. 60.00

**DI28 Spring Pencil Compass** 95 mm Rs. 60.00

**DI29 Spring Ink Compass** 95 mm Rs. 60.00

**DI30 Mini Drafter** Rs. 350.00

**MI31 Stop Watch :** 1/100 seconds Rs. 500.00

**SE54 Ranging Rod :** in 2 pieces size 180 cm Rs. 360.00

**SE55 Tripod stand :** for Ranging Rod Rs. 750.00

**DI31 Mini Mathematic kit :** containing Spike Abacus, Dominoes, Napier Strips, Cusinnaire Strips, Geom. Figures, Fraction Disc & Cubic Rods Rs. 500.00

**Pointer Telescopic :**

**DS04** 60 cm Rs. 95.00

**DS05** 90 cm Rs. 150.00

**DS06** 120 cm Rs. 180.00

## SERVICE PROTRACTORS

**DI35 Rectangular Plastic ivoryine MK III** each Rs. 7.00

**DI36 Rectangular MK III Aluminium anodised very durable**  
each Rs. 18.00

**DI37 Artillery Protractor** each Rs. 18.00



DI19

Map Measurer (Rotameter)

# GLOBAL POSITIONING SYSTEM

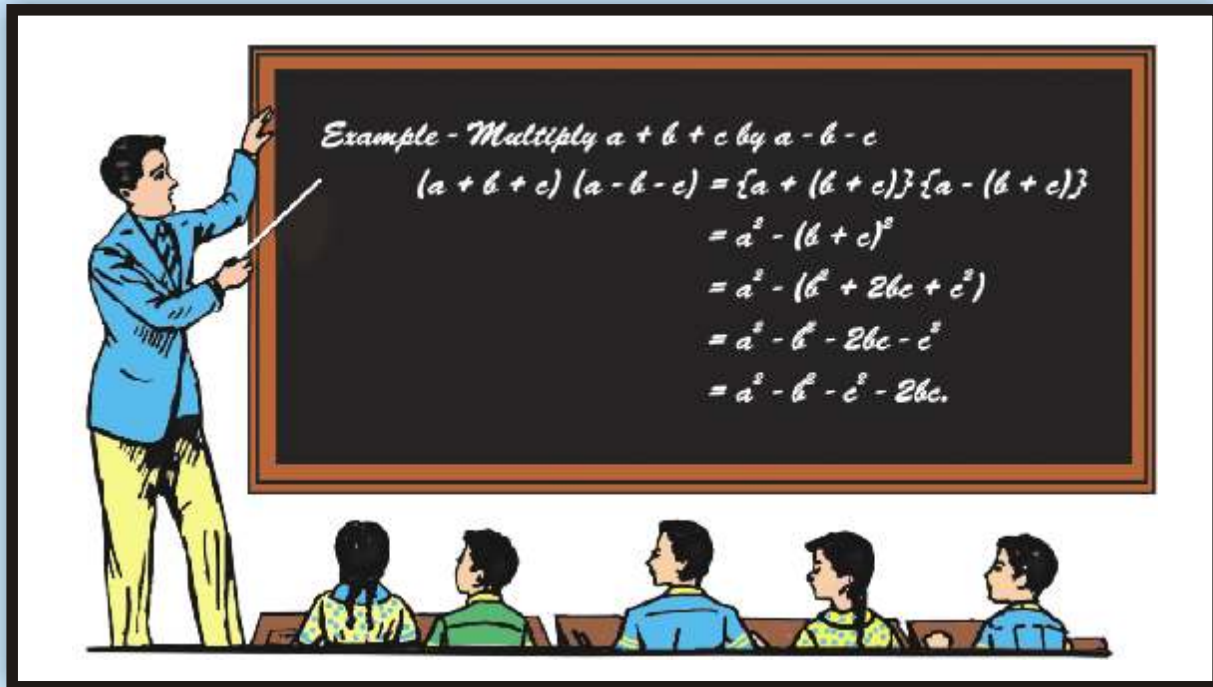
## GARMIN HAND HELD GPS



Item Code.	GPS01	GPS02	GPS03	GPS04	GPS05
Model No.	Etrex-10	GPS-72 H	ETREX-20	ETREX-30	GPS MAP 78S
No. of Waypoints	1000	500	2000	2000	2000
Built in Memory	No	1 MB	1.7GB	1.7 GB	1.7 GB
# of routes/# of waypoints per route	50	50/50	200	200	200
Battery Life	25Hr	16 Hr (2AA)	25Hr	25 Hr	20 Hr
Display Size	1.7" x 1.4"	2.2" x 1.6"	1.4" X 1.7"	1.7" X 1.4"	2.2" x 1.6"
Display Type	Monochrome	4 level Grey LCD	65-K color TFT	65-K color TFT	65-K color TFT
Display Resolution	128 x 160	128 x 160	17 x 220	220 x 176	240 x 160
Std. GPS Antenna	Built in	Built In	Built in	Built in	Built in
Unit Dimensions	2.1" x 4.0" x 1.3"	2.7" x 6.2" x 1.4"	2.1" x 4.0" x 1.3"	2.1" x 4.0" x 1.3"	2.6" x 6.0" x 1.2"
Unit weight	5.0 oz.	7.7 oz.	5.0 oz	5.0 oz.	7.7 oz.
Waterproof standard	IPX7	IPX7	IPX7	IPX7	IPX7
Electronic Compass	No	No	No	Yes	Yes
Barometric Altimeter	No	No	No	Yes	Yes
USB interface	Yes	No	No	Yes	Yes
Price	Rs. 14000.00 VAT/CST extra	Rs. 17500.00 VAT/CST extra	Rs. 26000.00 VAT/CST extra	Rs. 31000.00 VAT/CST extra	Rs. 43000.00 VAT/CST extra

The specifications/Prices listed above may change without notice.

# LAMINATED BLACK OR GREEN BOARDS



## ENTIRELY A NEW CONCEPT IN LAMINATION

These replace glass blackboards. Most durable and smooth & hard surface. These are unbreakable. Complete with metal frame and hooks for hanging. Please indicate the shade preferred (Black or Green).

Size in cm	Size in Inches	Item code	Price with regular frame	Item code	Price with heavy angle
80 x 60 cm	32" x 24"	<b>GB01RF</b> or <b>BB01RF</b>	Rs. 1450.00	<b>GB01HF</b> or <b>BB01HF</b>	Rs. 1600.00
120 x 80 cm	48" x 32"	<b>GB02RF</b> or <b>BB02RF</b>	Rs. 2625.00	<b>GB02HF</b> or <b>BB02HF</b>	Rs. 2900.00
160 x 120 cm	64" x 48"	<b>GB03RF</b> or <b>BB03RF</b>	Rs. 5800.00	<b>GB03HF</b> or <b>BB03HF</b>	Rs. 6300.00
240 x 120 cm	96" x 48"	<b>GB04RF</b> or <b>BB04RF</b>	Rs. 7250.00	<b>GB04HF</b> or <b>BB04HF</b>	Rs. 7900.00

## BLACK BOARD INSTRUMENTS

<b>DS03 MAP POINTER</b> wooden one Meter long	Each Rs. 55.00	<b>DS11 Chalk</b> white Box of 50	Each Rs. 12.00
<b>MAP POINTER Telescopic made of Brass nickelled</b>		<b>DS12 Chalk</b> coloured Box of 50	Each Rs. 20.00
<b>DS04</b> 60 cm Pen Type	Rs. 95.00	<b>Black board Geometrical Instruments Box</b> : containing pair of set squares, protractor, compass, divider, scale & duster. made of plastic	
<b>DS05</b> 90 cm	Rs. 150.00	<b>DI01 Good Quality Plastic</b>	Each Rs. 350.00
<b>DS06</b> 120 cm	Rs. 180.00	<b>DI02 Extra Superior Quality Plastic</b>	Each Rs. 500.00
<b>DS07 Chalk Holder</b>	Each Rs. 100.00	<b>DI03 Superior Quality Wooden</b>	Each Rs. 700.00
<b>DS09 Black Board Duster</b> wooden superior	Each Rs. 30.00	<b>DI04W Compass Wooden</b>	Each Rs. 130.00
<b>DS10</b> Deluxe quality made of plastic	Each Rs. 13.00	<b>DI04P Compass Plastic</b>	Each Rs. 70.00

## STANDS FOR THE DISPLAY BOARDS

<b>DS51 Black Board Stand Small</b> For Boards upto 90 x 60 cm	Each Rs. 680.00
<b>DS52</b> -do- -do- Medium - upto 120 x 90 cm as illustrated	Each Rs. 850.00
<b>DS53</b> -do- -do- Large - upto 160 x 120 cm	Each Rs. 1500.00
<b>DS54</b> Accessories Tray for Boards	Rs. 150.00
<b>DS55</b> Powder Coated Collapsible Easle	Rs. 1500.00
<b>DS56</b> Nickelled Heavy base stand for boards smaller than 90x60 cm only	Each Rs. 1800.00
<b>DS57</b> For boards 90x60 cm or larger a pair will be required.	Per pair Rs. 3600.00





## KANSIL'S WHITE BOARDS

A versatile presentation aid. It dispenses away the use of chalk on the black board. This is in fact the cleanest method used in conference rooms and lecture rooms. These are framed with aluminium angle and large size boards can conveniently be used as projection screen for OHP and slide projectors. The instructor can write with a specially designed marker pens available in 4 beautiful colours and the writing can be wiped off with an ordinary cloth. The size and the rates are as below:-

Size in Cm	Size in Inches	With Regular Frame	With Heavy Frame
60 x 30	24" x 12"	<b>WB01RF</b> 580.00	<b>WB01HF</b> 660.00
60 x 45	24" x 18"	<b>WB02RF</b> 790.00	<b>WB02HF</b> 880.00
90 x 60	36" x 24"	<b>WB03RF</b> 1420.00	<b>WB03HF</b> 1600.00
120 x 60	48" x 24"	<b>WB04RF</b> 1940.00	<b>WB04HF</b> 2175.00
120 x 90	48" x 36"	<b>WB05RF</b> 2800.00	<b>WB05HF</b> 3050.00
150 x 90	60" x 36"	<b>WB06RF</b> 4300.00	<b>WB06HF</b> 4800.00
150 x 120	60" x 48"	<b>WB07RF</b> 4350.00	<b>WB07HF</b> 4950.00
180 x 120	72" x 48"	<b>WB08RF</b> 5450.00	<b>WB08HF</b> 6000.00
240 x 120	96" x 48"	<b>WB09RF</b> 7250.00	<b>WB09HF</b> 7900.00



Set Rs. 160.00  
Each Rs. 35.00  
Each Rs. 270.00

**WBM** Marker Pen - Red, Blue, Black, Green set of 4

**WB21** Duster for White Board Superior

**WHITE BOARD POPULAR QUALITY** Size 60 x 45 cm

## KANSIL'S NOTICE BOARDS

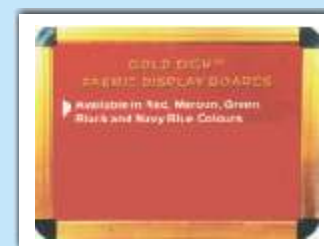
A versatile system of displaying typed or handwritten notices with the help of drawing pins. The system is oriental but with a very modern and elegant look covered with Blazer Cloth and framed with aluminium angle. Available colours are green, blue or maroon. It is available in following convenient sizes:-

Size in Cm	Size in Inches	With Regular Frame	With Heavy Frame
80 x 60	32" x 24"	<b>NB01RF</b> 1550.00	<b>NB01HF</b> 1800.00
120 x 80	48" x 32"	<b>NB02RF</b> 2650.00	<b>NB02HF</b> 3000.00
160 x 120	64" x 48"	<b>NB03RF</b> 4600.00	<b>NB03HF</b> 5000.00
240 x 120	96" x 48"	<b>NB04RF</b> 6400.00	<b>NB04HF</b> 7100.00



## GOLDSIGN™ VELVET DISPLAY BOARDS

Size (in cm) (HxW)	Price per Board	Size (in cm) (HxW)	Price per Board
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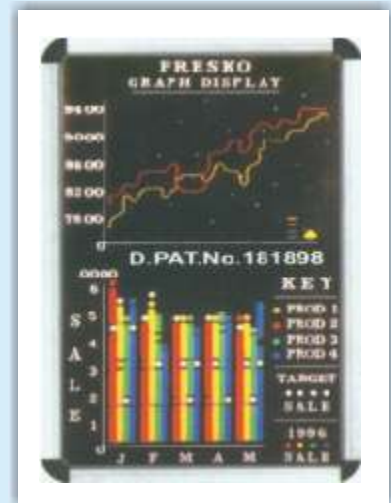
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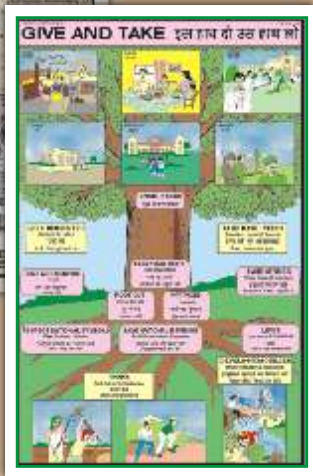
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- GH07** Duties towards our Society
- GH08** Give & Take

- GH09** Constituents of Food
- GH10** Care of Eyes & teeth
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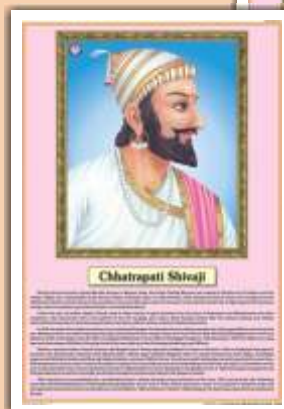
- NI01** India - one great nation
- NI02** India is one
- NI03** Beware of dangers
- NI04** Symbols of national unity
- NI05** National discipline
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- LS06** Rana Pratap
- LS07** Rani Jhansi
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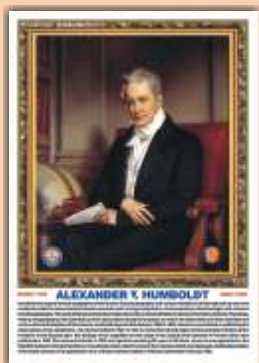
GL19	Ma Saraswati	GL25	Bal Gangadhar Tilak	GL31	Lord Rama
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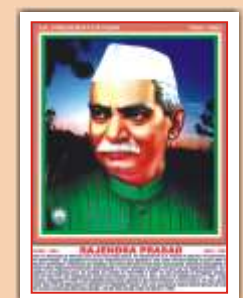
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# VISUAL TEACHING AIDS

## OHP 250S KANSIL'S OVERHEAD PROJECTOR :

- Low voltage
  - Latest Design
  - Single Halogen lamp 24V-250W
  - Rack & Pinion Focusing System
  - Light weight.
  - Metal Body
  - Motorised cooling System
  - Intensity Control
- Rs. 7100.00 each



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- Low voltage
  - Latest Design
  - Halogen lamp 24V-250W
  - Rack & Pinion Focusing System
  - Equipped with dual bulb system
  - Light weight.
  - Metal Body
  - Motorised cooling System
  - Intensity Control
- Rs. 7600.00 each

## SP150 Slide Projector Manual :

- Versatile design
  - Halogen Lamp 24V-150W
  - Noiseless cooling system
  - Slide carrier for 2 slides
  - Rigid construction
  - Height adjustable
  - Manual Focusing
- Rs. 4000.00 each



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Unlit position shows Physical features



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\* 25 cm dia

For More Details, Please See Page No. 15

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E74	Saharang Oasis, The Desert, Wind Power & Promise.	48
E75	Underground Waters, Asia An Introduction, Life in the Far East.	55

### GEOLOGY

E41	Our Planet Earth, Igneous Rocks, Volcanoes, Exploring the Restless Earth.	50
E42	Earth & Sun, Earthquakes & Volcanoes, Not so Solid Earth.	55
E76	Maps & Weather Waves, Rocks for Beginners, Rocks & Minerals.	37
E77	Lime Stone, Exploring the Moon, Position of the Moon, The Sun, Exploring the Space: Solar System	58
E78	Space Science: Exploring the Moon, How the Earth Moves, Star Part-I & Part-II.	41

### ECOLOGY

E79	Balance of Life & Spaceage, An Enclosed World, Ecology of Hot Spring.	41
E80	Animals of the Rocky Shore, Animals of the Sandy Shore, Plankton: Food Cycle.	42
E81	Problems of Conservation: Air, Conservation & Balance In Nature.	33
E82	Air Pollution : Everyone's Problem, Noise Pollution	52
E83	Habitat: An Introduction, Jungles: Green Ocean, Physical Environment.	43



# TELESCOPES & BINOCULARS



TS302

## Telescope (TS302)

- 20x.40x.60x Eyepiece,
- 30mm Objective Lens
- Diagonal Mirror,
- 41cm (16") ABS Body
- Unique Design with Handy Adjustable Knob
- 25cm (10") Tripod
- Price Rs. 2375.00

## 10 x 50MM BINOCULARS (BN1050)



BN1050

- Focussing Knob
- Neck strap
- Eye piece with rubber coating
- 50mm dia objective
- Rubber covered body
- Superior Lenses
- Price Rs. 3500.00



TS506

## 20 x 50MM BINOCULARS (BN2050)

- Same as above.
- Price Rs. 4000.00

## Telescope Astrolon (TS506)

- 345x Magnification
- Objective Lens 50mm
- 89cm (35") Aluminium Tripod
- 3 eyepieces 4mm, 12.5mm, 20mm
- Barlow Lens 2.3x
- Finderscope 6x25 mm
- Diagonal Viewer
- Focal Length 600mm
- Space Map
- Instruction Manual
- Price Rs. 7500.00

## 525x Astrolon Handheld Telescope (TS771)

- 122cm Aluminum Tripod
- Precision Control System
- Platform Locking Lever (Release Telescope body for hand carrying)
- Pan-handle (Control the vertical movement of telescope)
- Panning lock nut (Control rotation movement of telescope)
- Arm guide lock
- Diagonal Viewer
- Accessory Tray
- Space Map
- Instruction Manual
- Objective Lens Ø70mm
- Focal Length 700 mm
- 31.7mm Eyepiece 4mm, 9mm, 12.5mm, 20mm
- Barlow Lens 3x
- Erecting Eyepiece 1.5x
- Finderscope 6x 25mm
- Price Rs. 11200.00



TS771



RT976

## 675x Reflector Telescope (RT976)

- Precision Reflecting Mirror Ø 76mm
- Focal Length 900 mm
- 31.7mm Eyepiece 4mm, 12.5mm, 20mm
- Barlow Lens 3x
- Finderscope 6x 25mm
- Fine Adjustment
- Accessory Tray
- Screwdriver
- Space Map
- Instruction Manual
- Alt-Azimuth Mount
- 114cm (45") Aluminum Tripod
- Price Rs. 13500.00



Abacus



Drawing Models



Cubes



Geometry Box

MATHEMATICAL SYMBOL	
+ Plus, Positive	∠ Angle
- Minus, Negative	⊥ Perpendicular
≠ Plus or minus, other than	∩ Parallel
≠ Not equal to	∩ Congruent to
≡ Identical to	∩ Theorems
∩ Hypotenuse	∩ Parallel
∩ Not equal to	∩ Dot
∩ Approximately equal to	∩ Metric
∩ Ratio or such that	∩ Intersecting
∩ Greatest than	∩ Is a subset of
∩ Less than	∩ Is not a subset of
∩ Directly proportional to	∩ Includes that
∩ Inversely	∩ Excludes that
∩ Square root	∩ If and only if
∩ Factorial	∩ ... etc.
∩ Per Cent	∩ Geographic location
∩ Cell differential operator	∩ Exponent
∩ Logarithm	∩ Sum



Palm Clock



Number Planet



Jr. Pythagorus Theorem



Ramanujan

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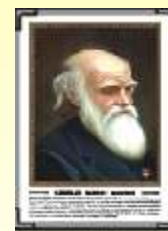
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