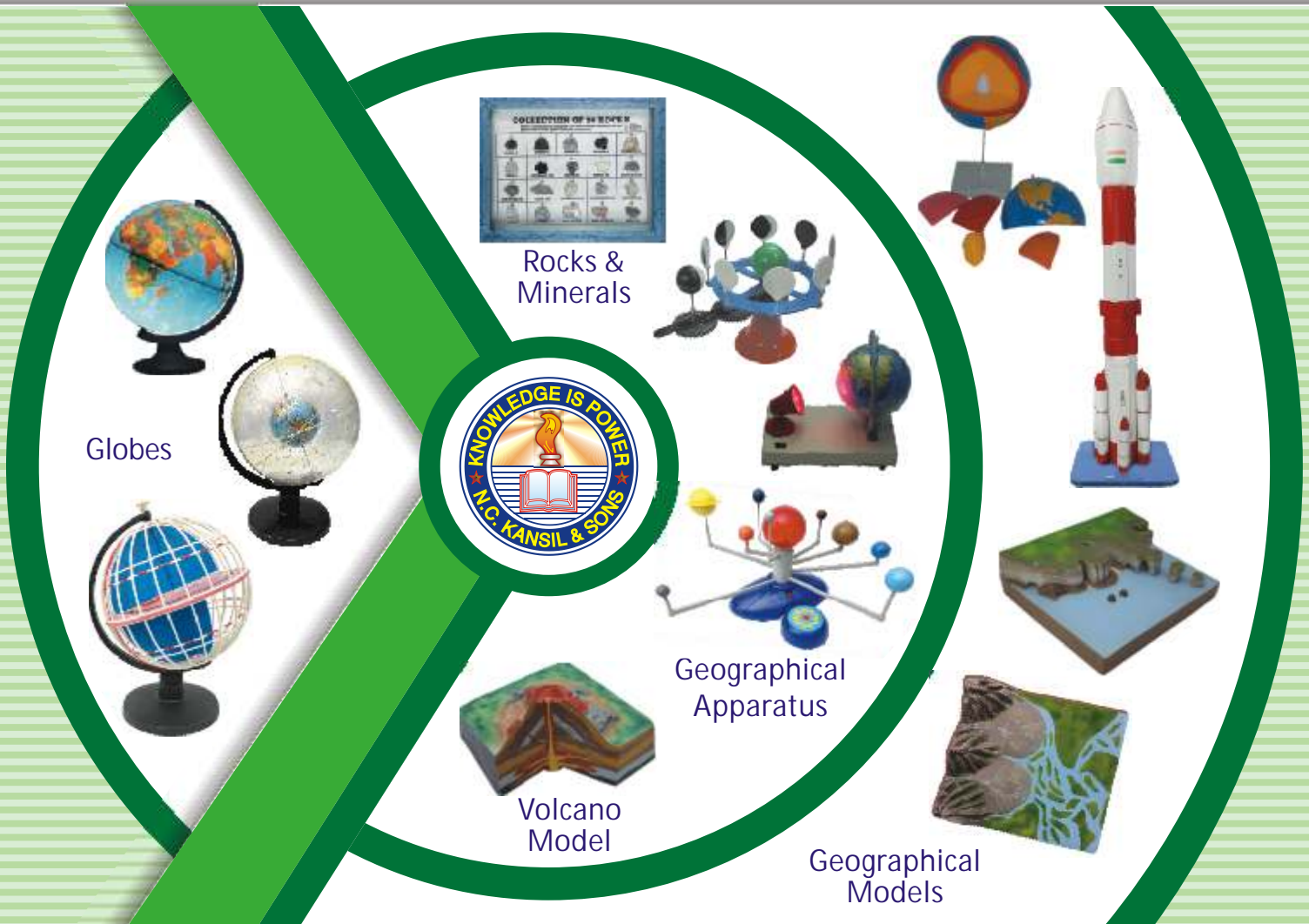


# KANSIL'S

## SOCIAL STUDY CATALOGUE

April  
2021

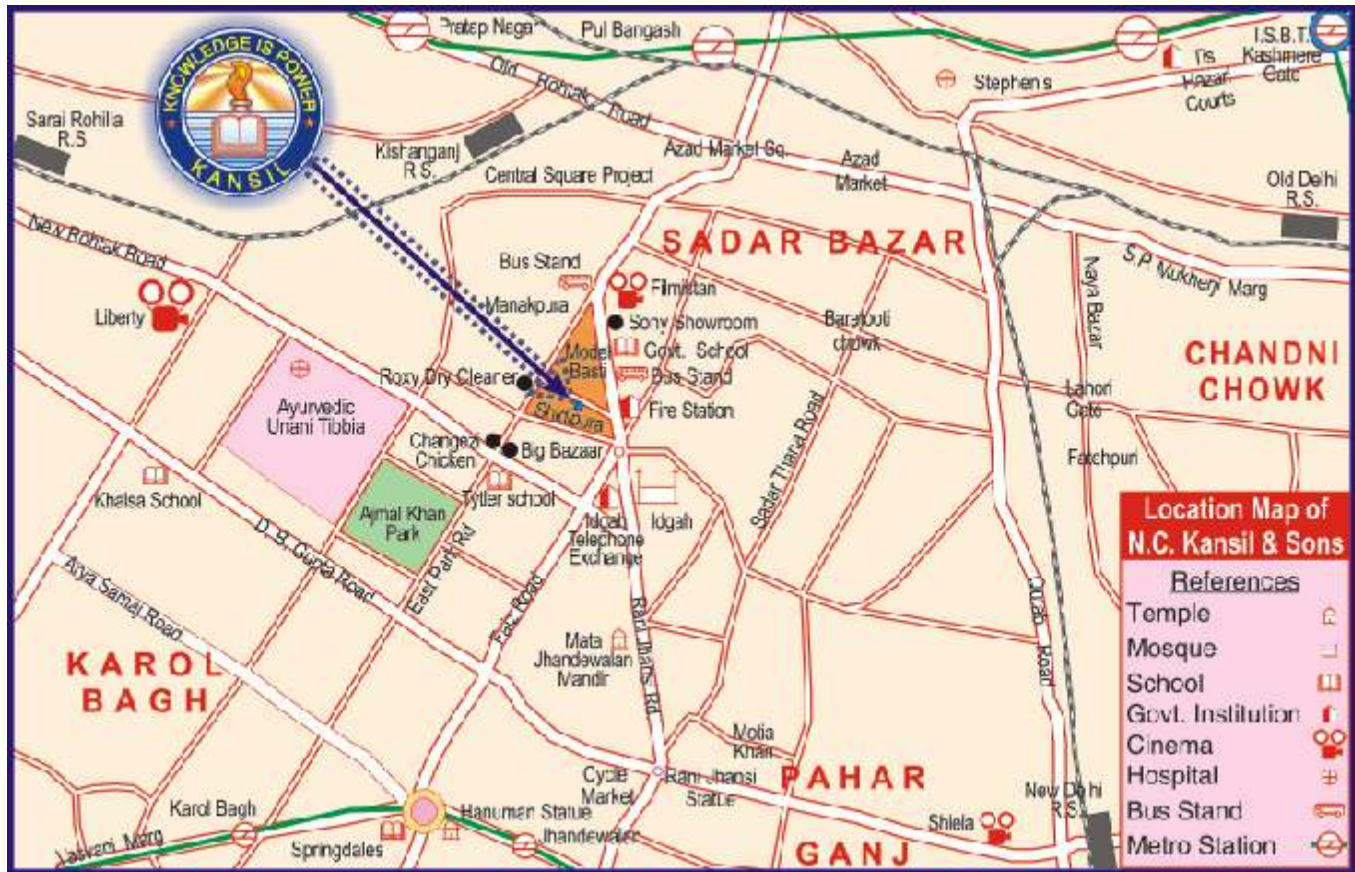
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We have the pleasure in presenting our Social Study Catalogue for the year April, 2021. By a perusal of the catalogue you will find a rich panorama of Maps, Charts, Working Models, Globes, 3-D Models and Drawing, Survey and Meteorological Instruments, Visual Teaching Aids and Video CDs. 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

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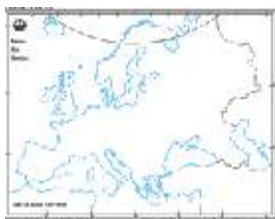
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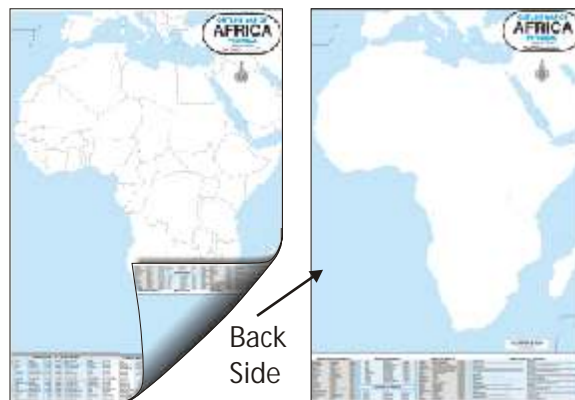
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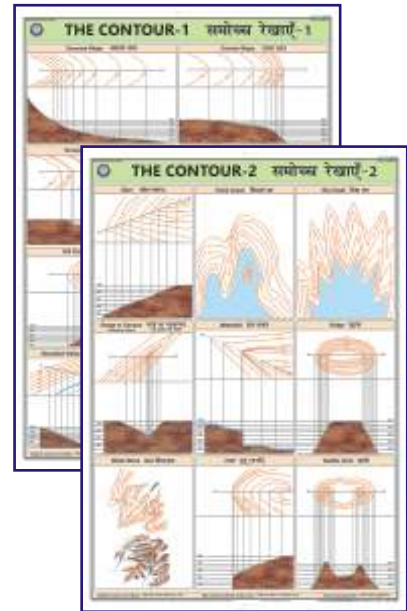
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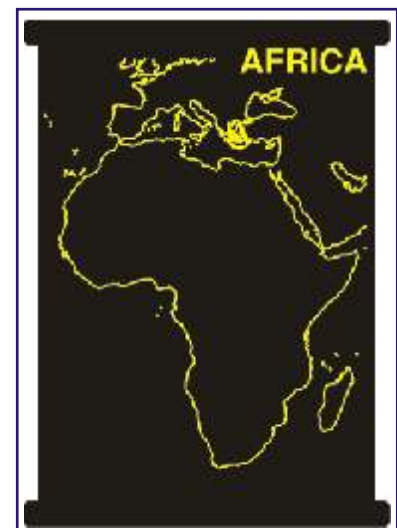
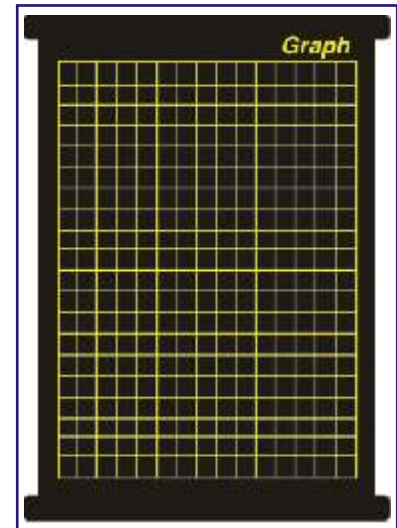
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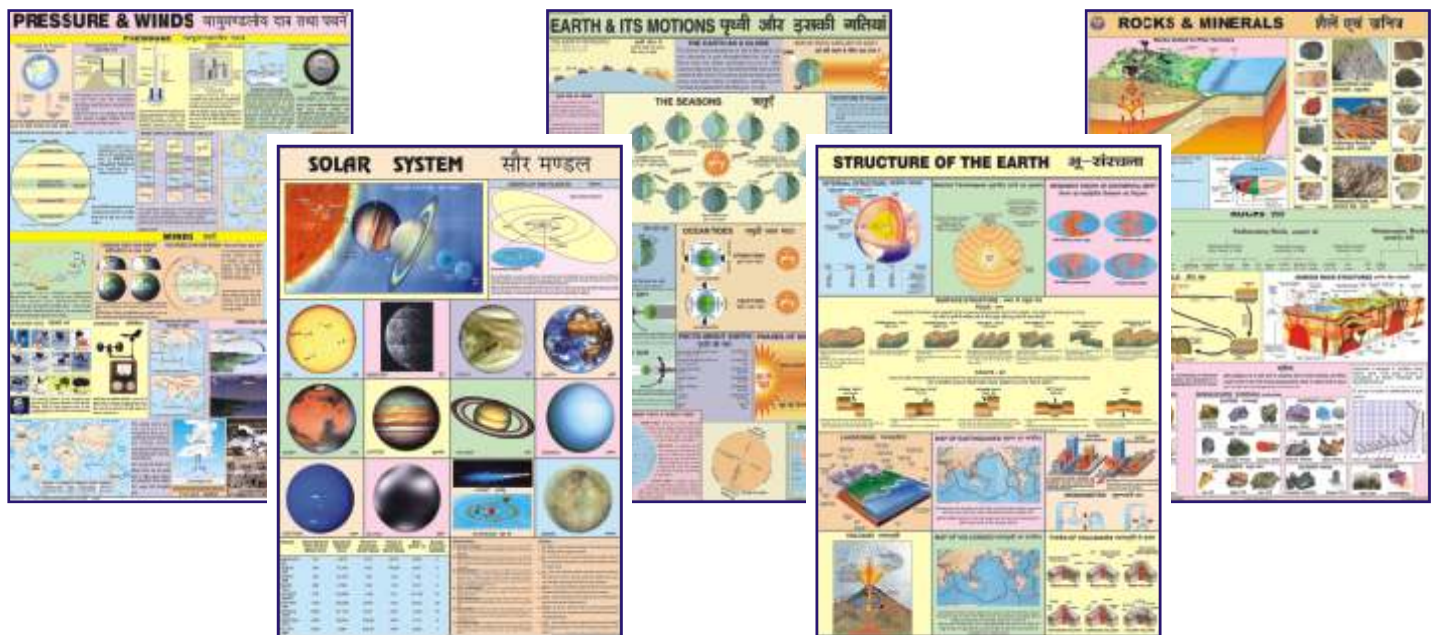
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• For Contour charts, see page G-7

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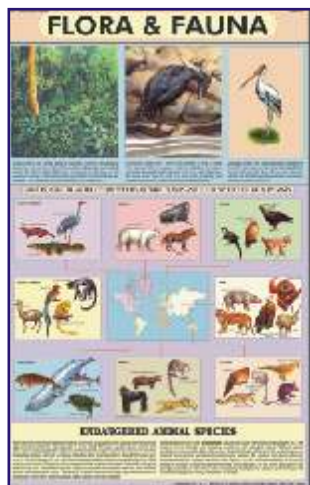
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  - ME08 Population Explosion :- The link between poverty and population.
  - ME09 Impact of Environment Degradation on Humans :- Explains how Ozone layer protects us, Green House effects of CO<sub>2</sub>.
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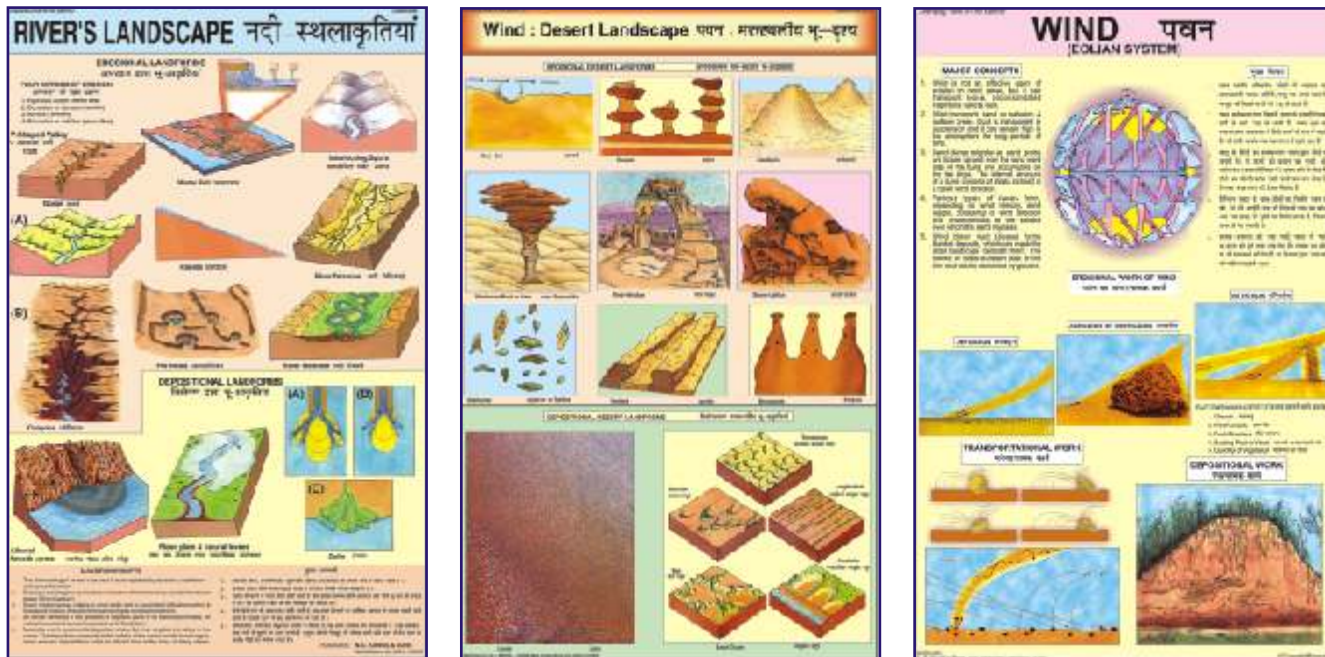
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- CF05 STREAM (RIVER'S PATTERNS):- Showing all the drainage pattern of the stream.
- CF06 SEA WATER:- Erosion, Transportation of the particles & deposition of the eroded material.
- CF07 COASTAL LANDSCAPE:- Showing different figures and diagrams made 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.
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- CF12 GLACIAL LANDFORM:- Creation of landforms due to erosion, transportation and deposition.
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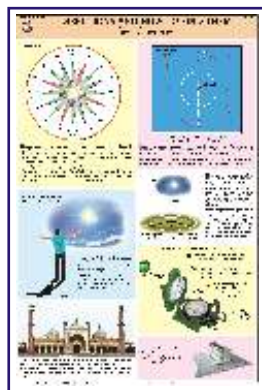
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- Voice Interactive
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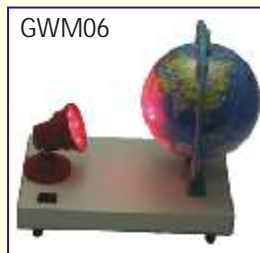
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GWM06



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GG05 Alexander V. Humboldt

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GG07 Ellsworth Huntington

GG08 Varahamihira

GG09 Jean Brunches

GG10 Halford J. Mackinder

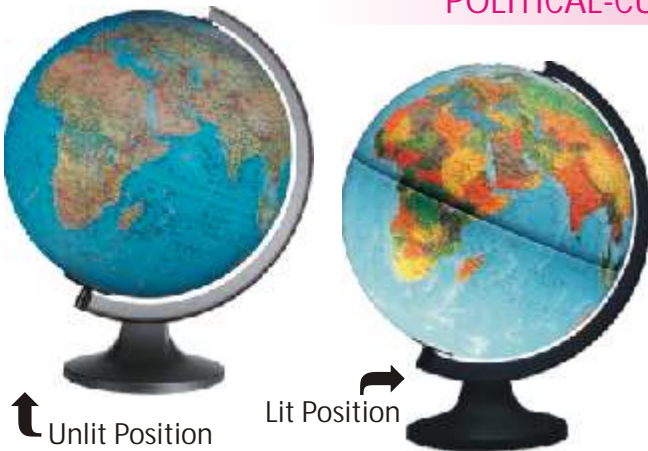
GG11 Friendrich Ratzel

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#### Salient Features:

- 30cm Transparent Star globe outside, which rotates independently.
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- It shows the path of the elliptic.
- Constellations and constellation boundaries are well marked.
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- The sphere has a diameter of 30cm and is mounted on a bracket that is at an angle of 66° 30' to the plane of the base.



ZX-6002 Globe Showing Longitude & Latitude

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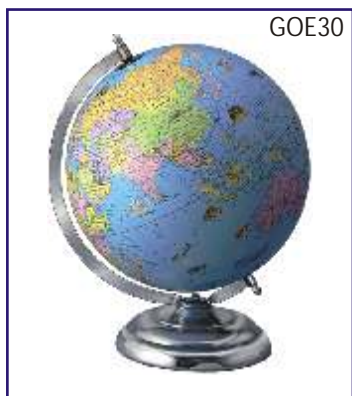
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Abacus




Drawing Models



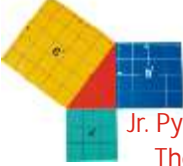
Cubes




Geometry Box



Charts



Jr. Pythagorus Theorem

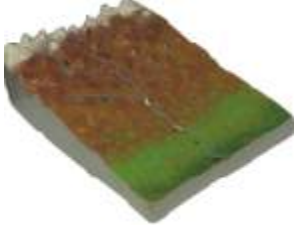

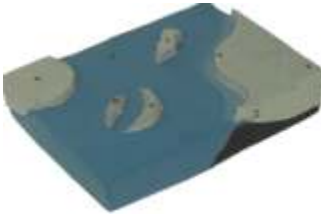
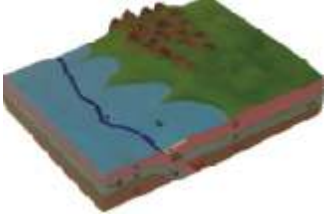
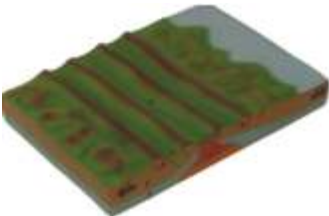

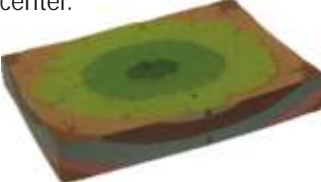
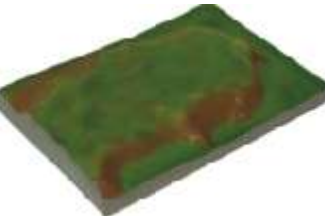



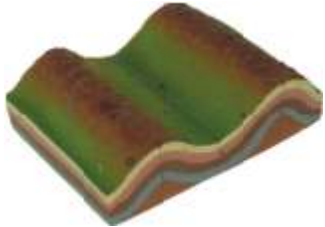


Number Planet

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# GEOGRAPHICAL MODELS

## GEOMORPHOLOGY MODELS

<p><b>Code : NGM01</b> <b>Collecting River System :</b></p> <p>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.</p> 	<p><b>Code : NGM02</b> <b>Transporting River System :</b></p> <p>Main trunk stream system of water &amp; sediment movement from collecting system towards dispersing system. Meanders, oxbow lakes and levees are features associated with it.</p> 	<p><b>Code : NGM03</b> <b>Ice Sheet and Icebergs :</b></p> <p>An ice sheet is a mass of glacial land ice extending more than 50,000 sq. km. An ice shelf is the floating extension of the ice sheets. The primary mechanism of mass loss from ice shelves is iceberg calving.</p> 	<p><b>Code : NGM04</b> <b>Convergent Plate Boundaries :</b></p> <p>Convergent plate boundaries, also known as destructive plate boundaries are zones where lithospheric plates collide. Magma is generated at subduction zones.</p> 
<p><b>Code : NGM05</b> <b>Divergent Plate Boundaries :</b></p> <p>Divergent plate boundaries, also known as constructive plate boundaries are zones where lithospheric plates drift from one another.</p> 	<p><b>Code : NGM06</b> <b>Transform Plate Boundaries :</b></p> <p>Transform plate boundaries move horizontally past each other on strike-slip faults. Lithosphere is neither created nor destroyed.</p> 	<p><b>Code : NGM07</b> <b>Structural Basin :</b></p> <p>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.</p> 	<p><b>Code : NGM08</b> <b>Plateau</b></p> <p>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.</p> 
<p><b>Code : NGM09</b> <b>Fold Mountains :</b></p> <p>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.</p> 	<p><b>Code : NGM10</b> <b>Normal Fault :</b></p> <p>In normal fault, the hanging wall block moves down relative to the footwall block. Normal faults are associated with crustal tension.</p> 	<p><b>Code : NGM11</b> <b>Reverse Fault :</b></p> <p>In reverse fault, the hanging wall block moves up relative to the footwall block. Reverse faults are associated with the crustal compressions.</p> 	<p><b>Code : NGM12</b> <b>Anticlines and Synclines :</b></p> <p>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.</p> 

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# GEOGRAPHICAL MODELS









## GEOMORPHOLOGY MODELS

<p><b>Code : NGM13</b> <b>Horsts and Grabens :</b></p> <p>Horsts and grabens 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.</p> 	<p><b>Code : NGM14</b> <b>Groundwater :</b></p> <p>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.</p> 	<p><b>Code : NGM15</b> <b>Sand Dunes - Barchans :</b></p> <p>A barchan dune is an arc-shaped sand ridge, comprising well-sorted sand. Barchans are the commonest types of dunes occurring in sandy deserts.</p> 	<p><b>Code : NGM16</b> <b>Archipelago :</b></p> <p>An archipelago is a chain or cluster of islands. Archipelagos may be found isolated in bodies of water or neighboring a large land mass.</p> 
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# SOME SPECIAL AIDS FOR SST LAB

## MODELS OF GEOGRAPHICAL TERMS

<p><b>GT01 - River Meander &amp; Ox Bow Lake</b></p> <p>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.</p> 	<p><b>GT02 - Delta</b></p> <p>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.</p> 	<p><b>GT03 - Valley</b></p> <p>An elongated lowland between ranges of mountains, hills, or other uplands, often having a river or stream running along the bottom.</p> 	<p><b>GT04 - Water Fall</b></p> <p>A waterfall is a place where flowing water rapidly drops in elevation as it flows over a steep region or a cliff.</p> 
<p><b>GT05 - Gorge &amp; A Mountain</b></p> <p>Gorge is a deep ravine between cliffs often carved from the landscape by a river.</p> 	<p><b>GT06 - An Irrigation Dam</b></p> <p>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.</p> 	<p><b>GT07 - A Mountainous Pass</b></p> <p>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.</p> 	<p><b>GT08 - Glacier</b></p> <p>A glacier is a large persistent body of ice that forms where the accumulation of snow exceeds its ablation.</p> 

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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.



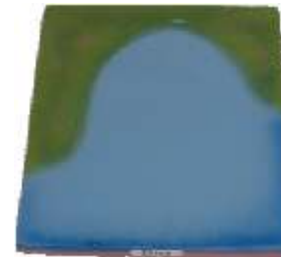
**GT13 - Strait**

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 of a bowl is a concave slope.



**GT20 - Undulating slopes**

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



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RRC01M  
River in Action  
(Water Cycle)



RRC02M  
Interior of the Earth



RRC03M  
Geographical Terms



RRC04M  
Conventional Signs



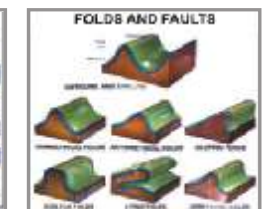
RRC05M  
Rocks & Volcanoes



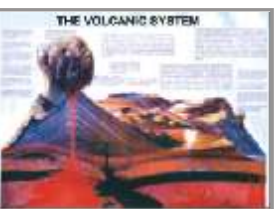
RRC06M  
Restless Earth



RRC07M  
Oxygen & Carbon  
Cycle in Nature



RRC08M Folds & Faults



RRC09M  
The Volcanic System



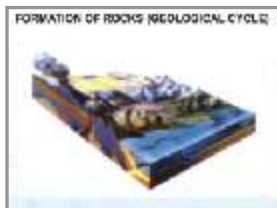
RRC10M  
Glacial Landscape



RRC11M  
Air & Water Pollution



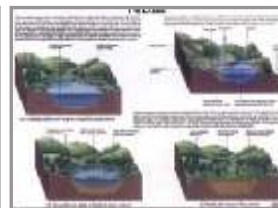
RRC12M  
Origin of the Earth



RRC13M  
Formation of Rocks



RRC14M  
Earthquake



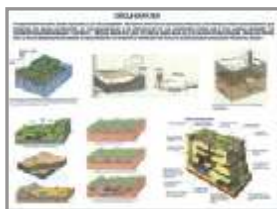
RRC15M  
Model of Lakes



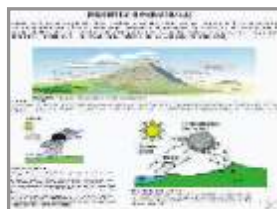
RRC16M  
Story of the Earth



RRC17M  
Weathering Model



RRC18M  
Ground Water



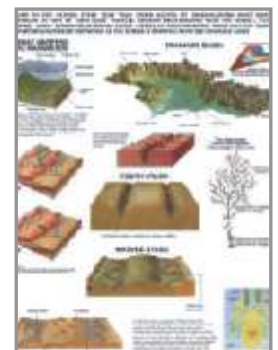
RRC19M  
Precipitation (Rainfall)



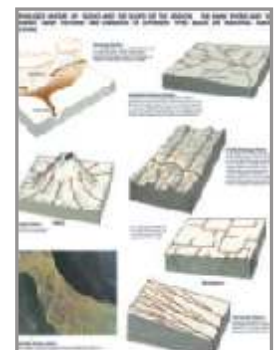
RRC20M  
Cyclones & Anticyclones



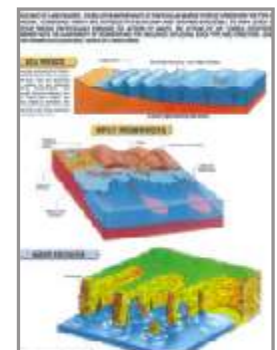
RRC21M  
Desert Features &  
Eolian System



RRC22M  
Cycle of Erosion



RRC23M  
Drainage Pattern



RRC24M  
Shoreline System



RRC26M  
Mass Movement  
on Earth



## MAPS FRAMED

Size 72 x 100 cm Price Rs. 3950.00 each



RRM01M India Physical



RRM02M World Physical

## MODELS OF DAMS

Size 80 x 50 cm Price Rs. 6500.00 each

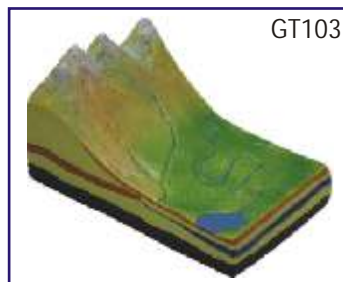
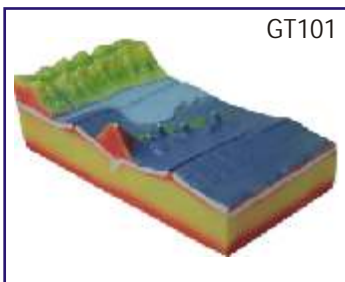
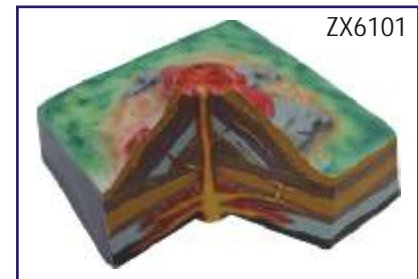


MD001 Hirakud Dam

MD002 Tungabhadra Dam

## GEOGRAPHY MODELS

		Size	Price
ZX-6101	Composite Volcano Cutaway Model	39 x 39 x 22 cm	Rs. 3500.00
GT51	Structure of Volcano in two parts	26 x 26 x 15 cm	Rs. 1100.00
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GT54	Water Table Model	40 x 52 cm	Rs. 1200.00
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GT102	Ria Coastline Model	22 x 32 x 13 cm	Rs. 850.00
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GT104	Hillslope Springs Model	20 x 34 x 16 cm	Rs. 850.00



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MADE OF FIBRE GLASS Each size 40 × 35 cm Price Rs. 1300.00



LF01. Volcanic Action A  
(Lava Plateau)



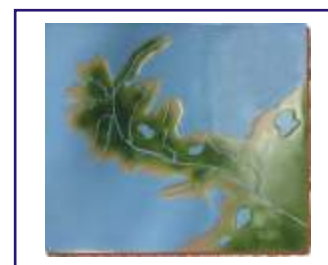
LF02. Volcanic Action B  
(Caldera, Crater & Lake, Volcanic neck, Cinder Cone, Ring Dyke and Laccolith)



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
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### TELESCOPE (TS302)

- 20x.40x.60x Eyepiece
- 30mm Objective Lens
- Diagonal Mirror
- 41cm (16") ABS Body
- Unique Design with Handy Adustable Knob
- 25cm (10") Tripod
- Price Rs. 2990.00



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- Focussing Knob
- Neck strap
- Eye piece with rubber coating
- 50mm dia objective
- Rubber covered body
- Superior Lenses
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## 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. 600.00



- |  |                   |
|--|-------------------|
| DI23 Plastic scale set of 8                  | per set Rs. 70.00 |
| DI25 Plastic Protractors Circular 6" (15 cm) | Rs. 30.00         |
| 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. 400.00        |



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

- |                      |                     |
|----------------------|---------------------|
| DI06 size 20 x 25 cm | per pair Rs. 90.00  |
| DI07 size 25 x 30 cm | per pair Rs. 120.00 |
- Foot Rulers Plastic
- |                        |                 |
|------------------------|-----------------|
| DI08 size 12" (30 cm)  | each Rs. 25.00  |
| DI09 size 24" (60 cm)  | each Rs. 60.00  |
| DI10 size 40" (100 cm) | each Rs. 350.00 |

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

- |                 |                  |
|-----------------|------------------|
| DI11 size 60 cm | each Rs. 2500.00 |
|-----------------|------------------|
- Architectural French Curves of transparent plastic
- |                            |                |
|----------------------------|----------------|
| DI14 Set of 12 curves      | Rs. 130.00     |
| DI15 Set of 24 curves      | Rs. 775.00     |
| DI16 Plain Divider 125 mm  | each Rs. 60.00 |
| DI17 Pencil Compass 125 mm | Rs. 60.00      |
| DI18 Ink Compass 125 mm    | Rs. 70.00      |

- |  |             |
|--|-------------|
| MI31 Stop Watch : 1/100 seconds plastic body | Rs. 400.00  |
| MI32 Stop Watch : 1/100 seconds metal body   | Rs. 1300.00 |
| SE54 Ranging Rod : in 2 pieces size 180 cm   | Rs. 360.00  |
| SE55 Tripod stand : for Ranging Rod          | Rs. 850.00  |
- Pointer Telescopic
- |             |            |
|-------------|------------|
| DS05 90 cm  | Rs. 170.00 |
| DS06 120 cm | Rs. 200.00 |



ZX-8101 Jumbo Geometry Box : Consisting of one meter scale (2 Parts), one Pointer (2 parts), one set of set square, one protractor and one compass. Made of very good plastic. Ideal for working on any board.  
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## PLANE TABLE SURVEY EQUIPMENT

SE01D PLANE TABLE: with board and stand fitted with specially made metal head size 60 × 75 cm and metal stand. Rs. 4950.00



SE06 Magnetic Trough Compass rectangular size 15 cm in length Rs. 375.00

SE07 Brass Plumbob fitted with hard point & cord. each Rs. 220.00



SE02D 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 with metal stand. Rs. 6250.00

SE08 Plumbing Fork made of metal highly lacquered. Rs. 110.00

SE09 Spirit-Level for Plane table 15 cm size mounted on wooden base. Rs. 58.00

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

SE10 Engineer's Spirit Level 15 cm with adjusting arrangement. each Rs. 550.00

SE03 size 60 cm Rs. 800.00  
SE04 size 45 cm Rs. 630.00

MKS14 Optical Square - Brass each Rs. 440.00  
MKS15 Cross Vertical Staff - Brass each Rs. 440.00

## 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. 3325.00

SE43 Field Book Rs. 60.00

SE44 Spare Arrows for chain set of 10 Rs. 115.00 set

### METAL WIRED TAPE FREEMAN BRAND

SE46 15 meter each Rs. 275.00  
SE47 30 meter each Rs. 475.00



### FIBRE GLASS TAPE

SE48 15 meter Rs. 280.00  
SE49 30 meter Rs. 480.00  
SE50 50 meter Rs. 800.00

### STEEL TAPE

SE51 15 meter Rs. 420.00  
SE52 30 meter Rs. 700.00

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. 1550.00

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

SE55 Tripod for Ranging Rod Rs. 1000.00





**SURVEY UMBRELLA**

SE57 Survey Umbrella standard pattern light in weight 210 cms diameter, can be inclined at an angle. All metal fittings Multicoloured waterproof cloth. Rs. 2100.00

**LEVELLING INSTRUMENTS**

*(meant for Educational use only)*



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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. 2025.00



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. 2400.00



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

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SE86 6 Meter each Rs. 2500.00

SE87 Mirror Stereoscope Packed in wooden case. each Rs. 3500.00  
SE88 Pocket Stereoscope each Rs. 900.00



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SE79 10 cm dia each Rs. 180.00  
SE80 7.5 cm dia each Rs. 140.00  
SE81 5 cm dia each Rs. 70.00



SE82 Abney Level Telescopic with double draw to the tube Arc divided to 30 minutes & reading by Vernier to 10 min. each Rs. 1650.00



SE89 Aerial Photograph coloured Pair Rs. 700.00  
SE90 Clinometer Compass 75 mm each Rs. 975.00  
SE91 Compass Liquid filled Plastic body Rs. 200.00  
SE93 Compass Liquid filled Metallic body Extra Superior Rs. 1050.00

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

**METEOROLOGICAL INSTRUMENTS**

*(meant for Educational use only)*

MI21 Portable Meteorological Outfit : Comprising of a Brass Rain guage with funnel, receiver and a graduated jar, Aneroid Barometer, Wall Thermometer, Dry & Wet bulb Thermometer, Max & Mini. Thermometer fitted in box, Best quality  
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MI22 Stevenson's Meteorological Screen: Double Louvered, white painted for placing standard size Thermometers & other instruments 54 × 43 × 26 cm (without instruments).  
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MI23 Rain Gauge Symon's: Standard 12½ cms dia, complete with inside receiver and measuring jar, Made of Brass  
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MI24 Rain Gauge as above made of Galvanised Sheet  
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MI25 Rain Gauge Self Recording: Comprising of a nickelled brass receiver placed at the top of a sensitive dial pattern balance as illustrated.  
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MI33 Aneroid Barometer: Indian made Demonstration Model  
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MI34 Aneroid Barometer: Indian made  
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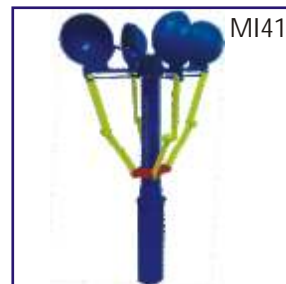
MI36A Robinson's Cup Anemometer: Electrical signalling anemometer complete with counter  
each Rs. 3500.00



MI37 Anemometer Model  
each Rs. 650.00

MI38 Hair Hygrometer: 85 mm dia, German movement  
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MI41 Anemometer Model Hand held. Made of plastic  
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- WC07 Chinese Civilization
- WC08 Roman Civilization
- WC09 Mayaland Civilization

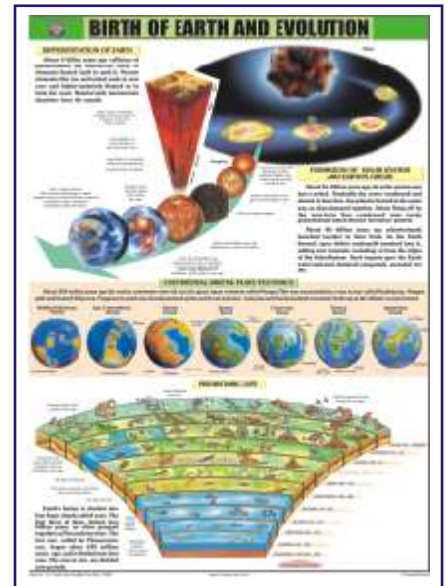
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| LS03 Dr. Radhakrishnan              | LS14 Dr. Rajendra Prasad.      |
| LS04 Dr. B. R. Ambedkar             | LS15 Bal Gangadhar Tilak.      |
| LS05 Subhas Chandra Bose            | LS16 Mother Teresa.            |
| LS06 Rana Pratap                    | LS17 Bhagat Singh.             |
| LS07 Rani Jhansi                    | LS18 Sardar Vallabhbhai Patel. |
| LS08 Rabindra Nath Tagore           | LS19 Indira Gandhi.            |
| LS09 Shivaji                        | LS20 Lala Lajpat Rai.          |
| LS10 Swami Vivekanand               | LS21 Lal Bahadur Shastri.      |
| LS11 Birsa Munda. <i>Hindi only</i> |                                |



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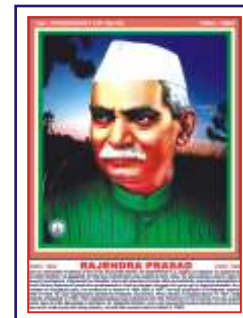
- |                           |                           |                          |                            |
|---------------------------|---------------------------|--------------------------|----------------------------|
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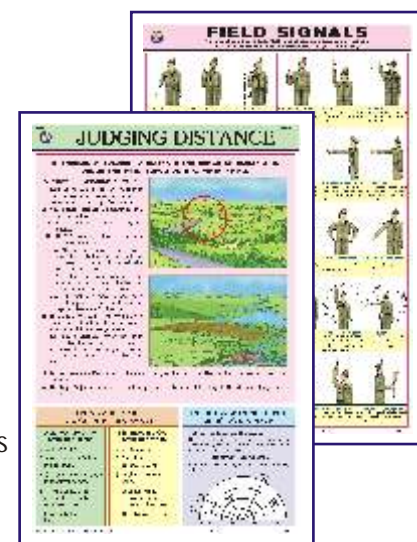
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