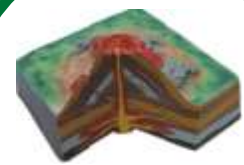


# KANSIL'S

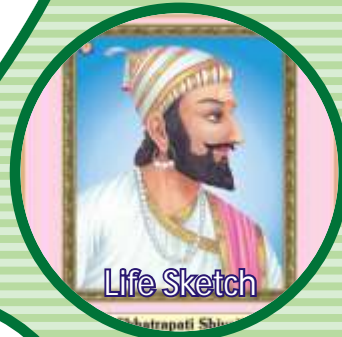
## SOCIAL STUDY CATALOGUE

Jul-Sept, 2020

MOST MODERN & INDISPENSABLE  
TEACHING LEARNING MATERIAL FOR  
PHYSICS, CHEMISTRY, BOTANY, ZOOLOGY



Geographical Models



Geographical Apparatus



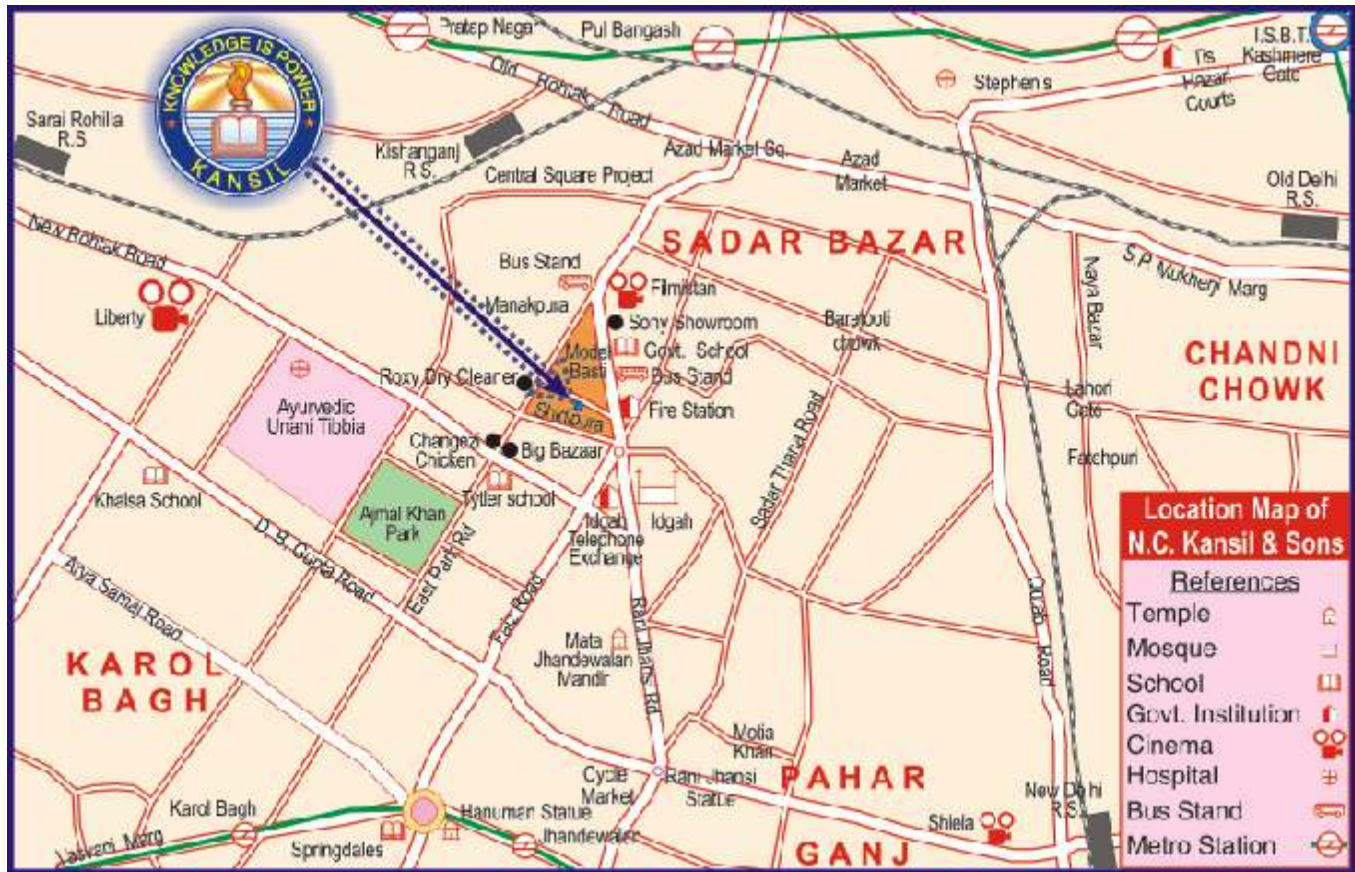
Rocks & Minerals



Dear Sir,

We have the pleasure in presenting our Social Study Catalogue for the year July-Sept, 2020. 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

Welcome! - You are about to enter the wonderfully exciting world of Teaching Aids. In the following pages of this catalogue 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.

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4. The panorama of the Teaching Learning Material has been very well arranged subjectwise and where ever necessary we have given cross references.
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These are printed in attractive colours on strong offset paper.

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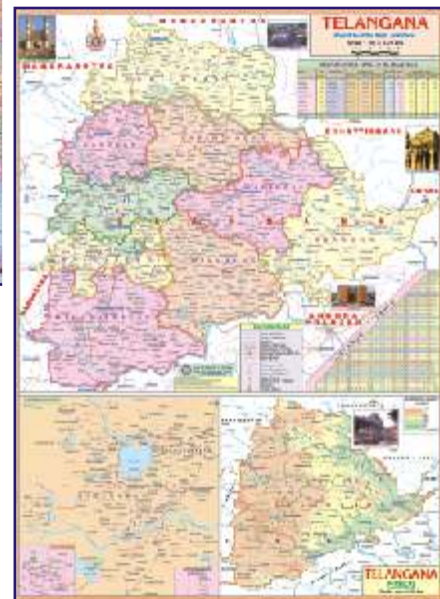


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| SIM004    | 73I/15 | Bankura & Puruliya Distt.                     |
| SIM005    | 73J/1  | Singhbhum, Bankura, Medinipur Distt.          |
| SIM006    | 73J/13 | Bankura Distt.                                |
| SIM007    | 73J/14 | Singhbhum, Bankura & Medinipur Distt.         |
| SIM008    | 73J/15 | Singhbhum & Medinipur Distt.                  |
| SIM009    | 73M/1  | Santhal Parganas, Barddhaman & Birbhum Distt. |
| SIM010    | 73M/2  | Bankura, Barddhaman & Birbhum Distt.          |
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| DMS04 Earthquake         | DMS08 Forest Fire  |
| DMS05 Tsunami            | DMS09 Landslide <span style="font-size: small;">NEW</span> |
| DMS06 Flood              |  |

Coming Soon...

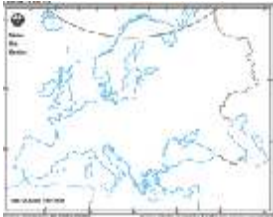
- DMS02 Disaster Management Cycle-1
- DMS03 Disaster Management Cycle-2
- DMS10 Nuclear Disaster
- DMS11 Chemical Disaster
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- DO02 India Outline
- DO03 India with Rivers
- DO04 World with Countries



- DO05 World Outline
- DO06 South America Outline
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- DO08 Africa Outline



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- DO38 Tamil Nadu with Districts
- DO39 Uttar Pradesh with Districts
- DO40 West Bengal with Districts
- DO43 Chhattisgarh Outline
- DO44 Gujarat Outline



- DO45 Himachal Outline
- DO46 Jharkhand Outline
- DO47 Karnataka Outline
- DO50 Maharashtra Outline
- DO51 Odisha Outline
- DO52 Rajasthan Outline



- DO53 Tamil Nadu Outline
- DO54 Uttar Pradesh Outline
- DO55 West Bengal Outline



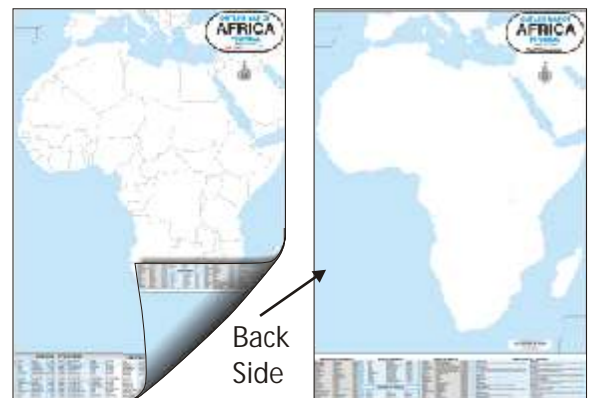
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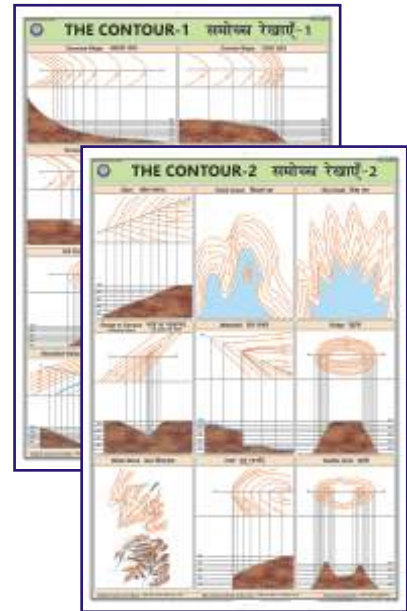




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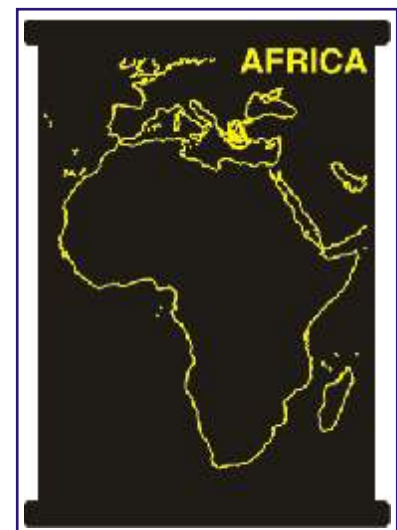
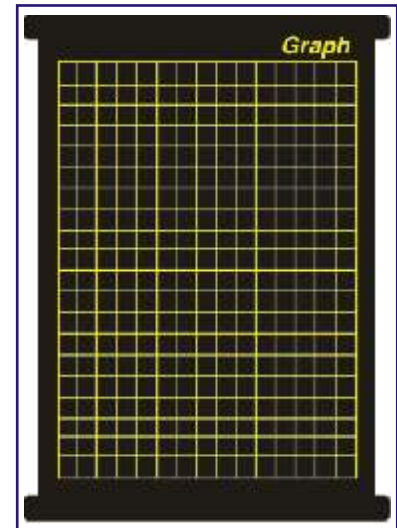
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OMM12	North America (with Countries)	67 × 100 cm	Rs. 140.00
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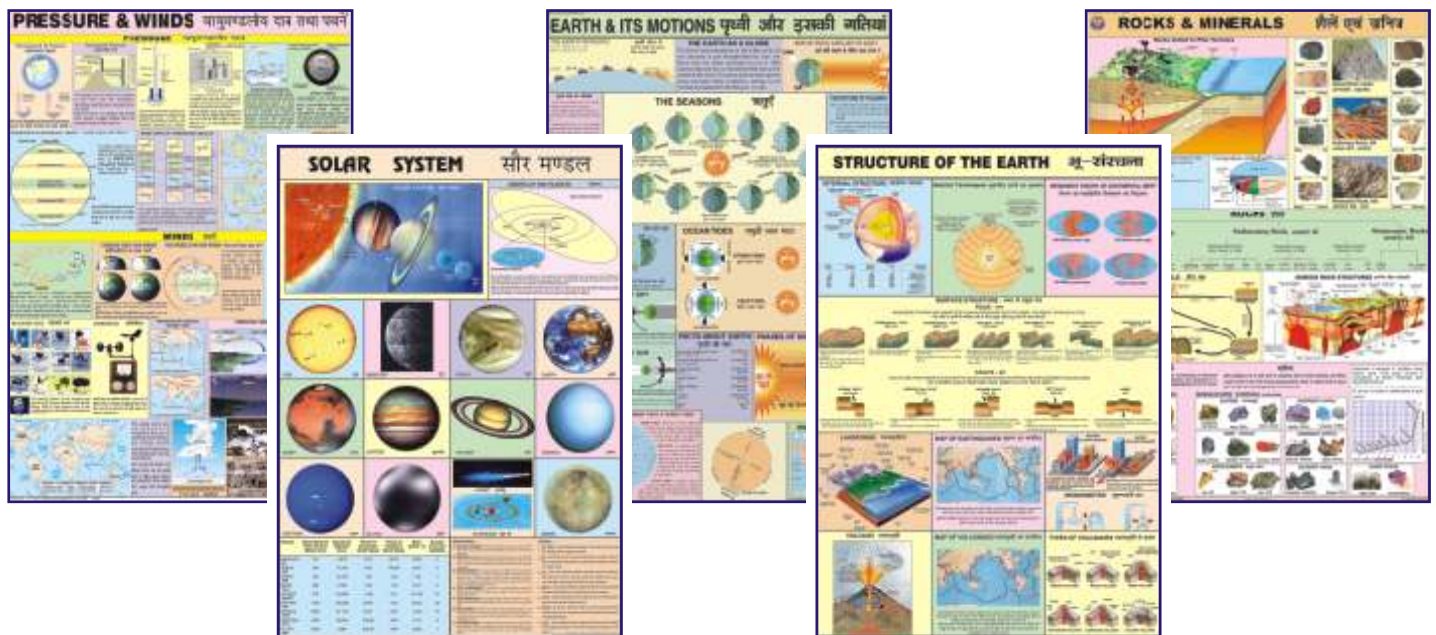
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• For Contour charts, see page G-7

• For Weather maps, see page G-12



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each Rs. 90.00

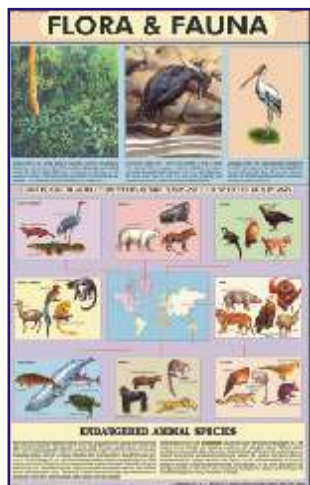
- GCS01 Phases of the Moon
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- GCS03 Seasons
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- GCS09 Earth is Round
- GCS10 Physical Features of Earth
- GCS11 Day & Night
- GCS12 Earthquake
- GCS13 Longitude & Latitude (Eng. only)
- GCS14 Types of Clouds
- GCS15 Hill Features, Contours & Map Setting
- GCS16 Factors that Affect Climate
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- GCS18 Volcano
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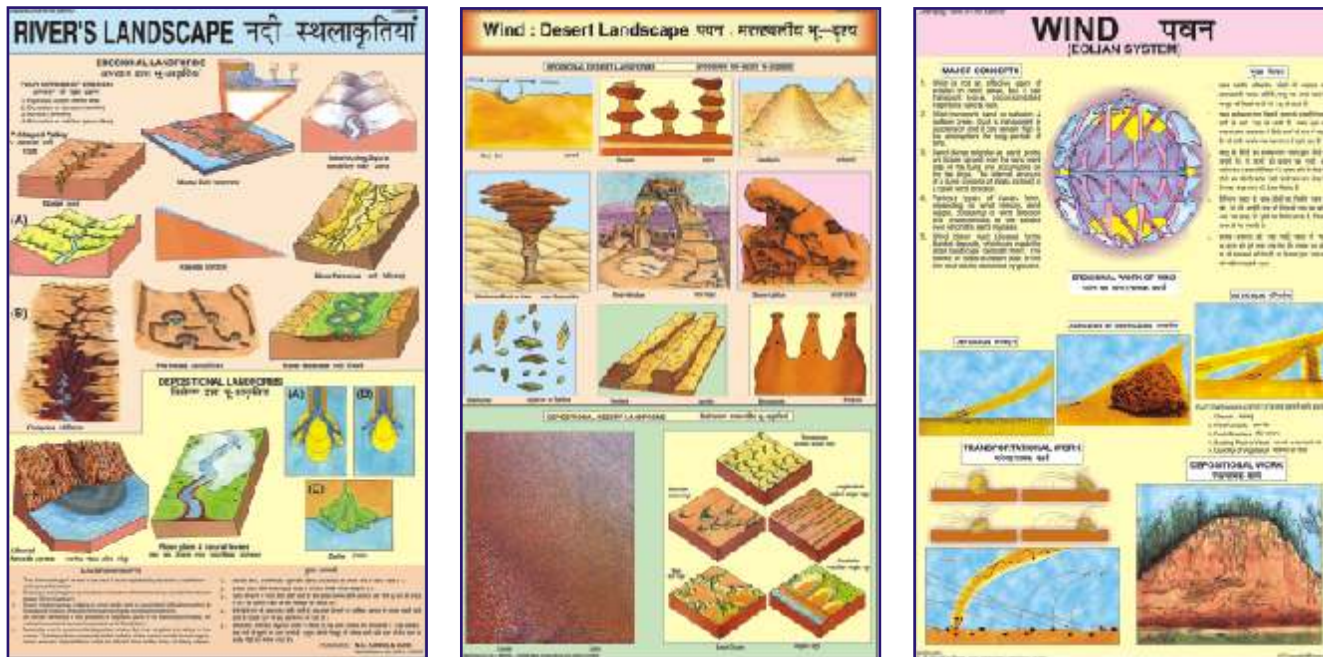
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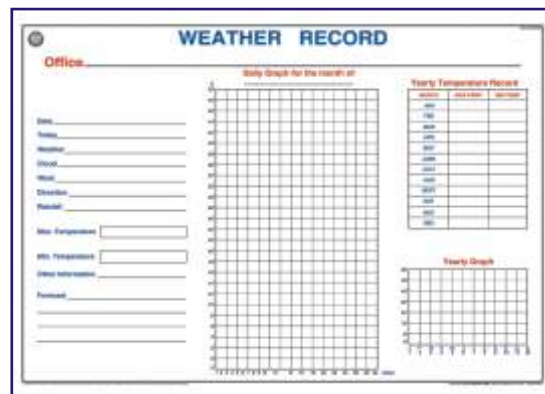
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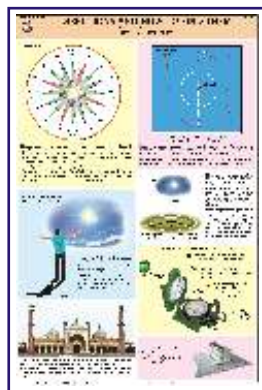
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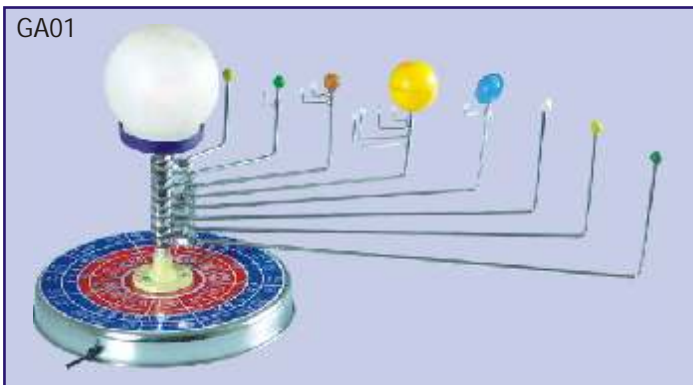
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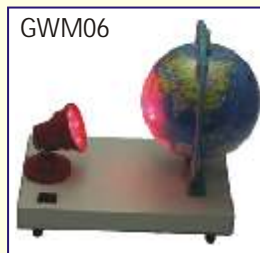


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GWM06



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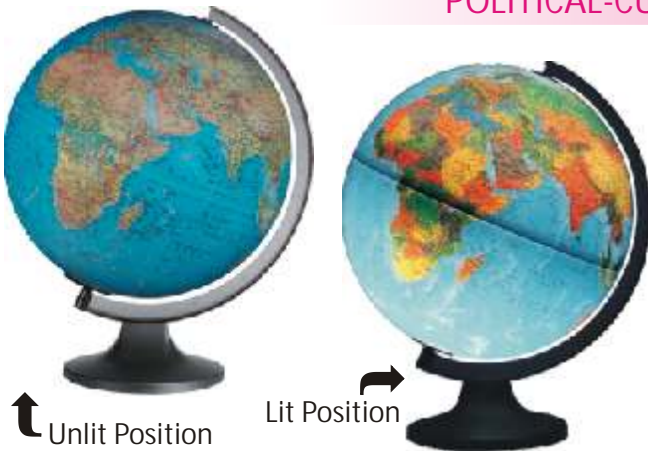
GG01 W.M. Davis	GG05 Alexander V. Humboldt	GG09 Jean Brunches
GG02 Sir L.D. Stamp	GG06 Bhaskaracharya	GG10 Halford J. Mackinder
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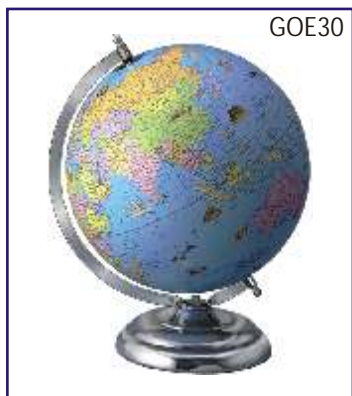
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All physical globes are available in English & Hindi only.







Abacus




Drawing Models



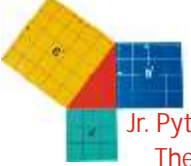
Cubes




Geometry Box



Charts



Jr. Pythagorus Theorem



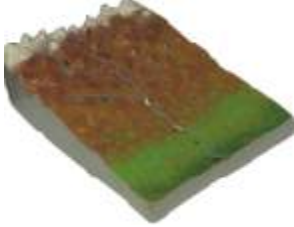

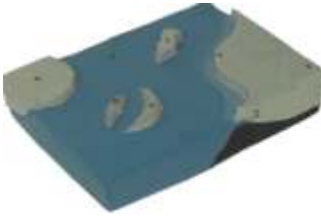
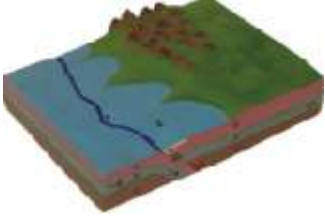
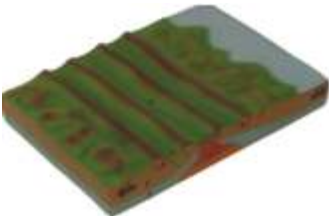

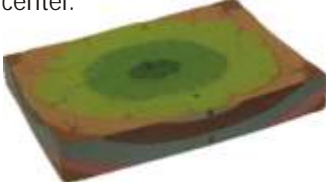
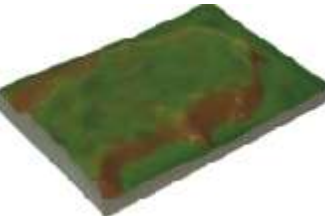



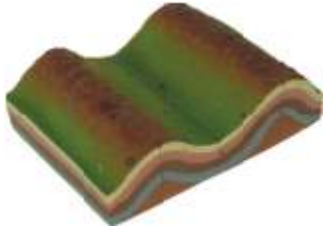
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# GEOGRAPHICAL MODELS

## 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

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

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.



**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.



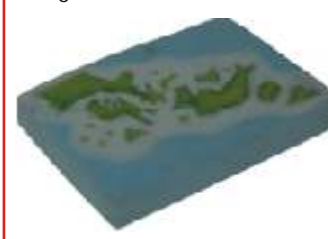
**Code : NGM15**  
**Sand Dunes - Barchans :**

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 :**

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SOME SPECIAL AIDS FOR SST LAB

MODELS OF GEOGRAPHICAL TERMS

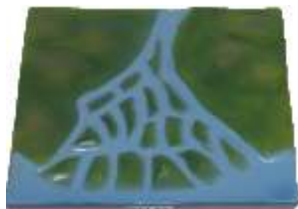
**GT01 - River Meander & Ox Bow Lake**

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.



**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 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.



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**GT09 - Island & Lagoon**

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



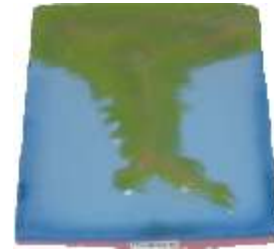
**GT10 - Lake**

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.



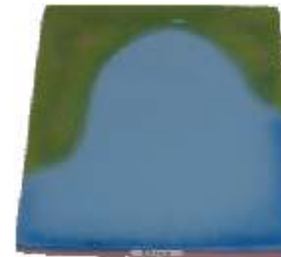
**GT13 - Strait**

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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(Water Cycle)



RRC02M  
Interior of the Earth



RRC03M  
Geographical Terms



RRC04M  
Conventional Signs



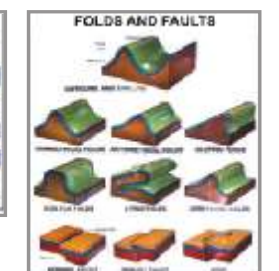
RRC05M  
Rocks & Volcanoes



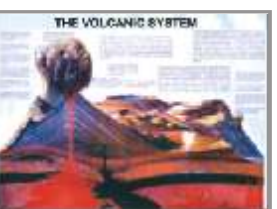
RRC06M  
Restless Earth



RRC07M  
Oxygen & Carbon  
Cycle in Nature



RRC08M Folds & Faults



RRC09M  
The Volcanic System



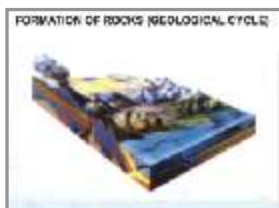
RRC10M  
Glacial Landscape



RRC11M  
Air & Water Pollution



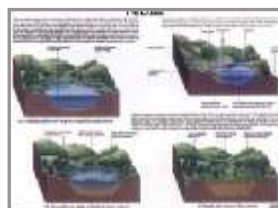
RRC12M  
Origin of the Earth



RRC13M  
Formation of Rocks



RRC14M  
Earthquake



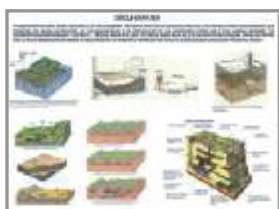
RRC15M  
Model of Lakes



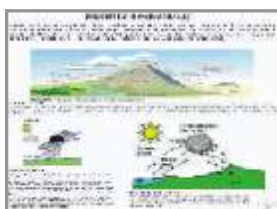
RRC16M  
Story of the Earth



RRC17M  
Weathering Model



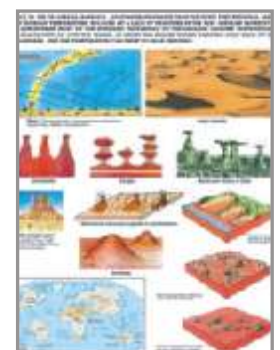
RRC18M  
Ground Water



RRC19M  
Precipitation (Rainfall)



RRC20M  
Cyclones & Anticyclones



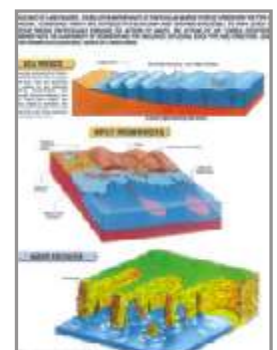
RRC21M  
Desert Features &  
Eolian System



RRC22M  
Cycle of Erosion



RRC23M  
Drainage Pattern



RRC24M  
Shoreline System



RRC26M  
Mass Movement  
on Earth



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RRM01M India Physical



RRM02M World Physical

## MODELS OF DAMS

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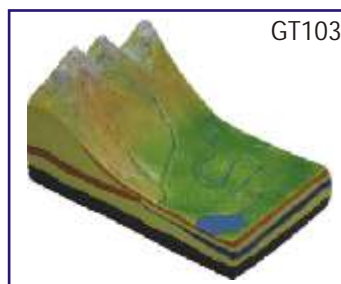
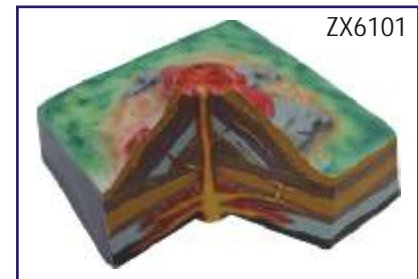


MD001 Hirakud Dam

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. 1000.00
GT52	Underground Mine Model	30 x 40 cm	Rs. 800.00
GT53	Open Pit Mine Model	30 x 45 cm	Rs. 450.00
GT54	Water Table Model	40 x 52 cm	Rs. 1200.00
GT101	Hot Spot Volcanoes Model	36 x 20 x 11 cm	Rs. 800.00
GT102	Ria Coastline Model	22 x 32 x 13 cm	Rs. 800.00
GT103	Mountain Front Recharge Model	36 x 20 x 17 cm	Rs. 800.00
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# LANDFORM MODELS

MADE OF FIBRE GLASS Each size 40 × 35 cm Price Rs. 1100.00



LF01. Volcanic Action A  
(Lava Plateau)



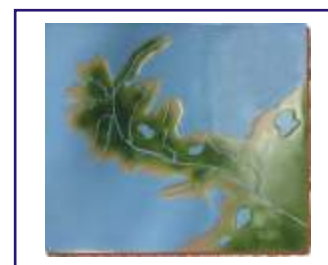
LF02. Volcanic Action B  
(Caldera, Crater & Lake, Volcanic neck, Cinder Cone, Ring Dyke and Laccolith)



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

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- 30mm Objective Lens
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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

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45 × 60 degrees Bevelled edges

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DI09 size 24" (60 cm) each Rs. 45.00

DI10 size 40" (100 cm) each Rs. 250.00

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DI28 Spring Pencil Compass 95 mm Rs. 60.00

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MI31



MI32

NEW

MI31 Stop Watch : 1/100 seconds plastic body Rs. 375.00

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SE55 Tripod stand : for Ranging Rod Rs. 775.00

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DS06 120 cm Rs. 190.00



ZX-8101

NEW

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DI19

Map Measurer (Rotameter)

DI19 Map measurer-Rotameter

Double Sided each Rs. 600.00

## PLANE TABLE SURVEY EQUIPMENT

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SE03 size 60 cm Rs. 690.00  
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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. 1425.00

SE43 Field Book Rs. 55.00

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

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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

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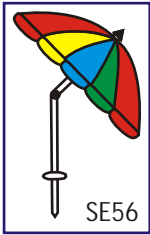
SE52 30 meter Rs. 650.00

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

SE55 Tripod for Ranging Rod Rs. 775.00







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- SE57 Double layer cloth.....Rs. 2050.00

**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. 1950.00



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. 2100.00



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

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- SE86 6 Meter each Rs. 2275.00

SE87 Mirror Stereoscope Packed in wooden case. each Rs. 3150.00  
SE88 Pocket Stereoscope each Rs. 600.00



Magnifying Glass with Metal Handle

- SE79 10 cm dia each Rs. 165.00
- SE80 7.5 cm dia each Rs. 125.00
- SE81 5 cm dia each Rs. 65.00



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. 1300.00



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- SE90 Clinometer Compass 75 mm each Rs. 875.00
- SE91 Compass Liquid filled Plastic body Rs. 200.00
- SE93 Compass Liquid filled Metallic body Extra Superior Rs. 1050.00

**Satellite Images**  
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# METEOROLOGICAL INSTRUMENTS

(meant for Educational use only)

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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. each Rs. 3400.00

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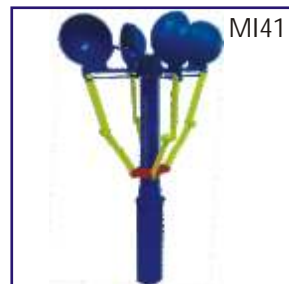
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MI39 Thermo - Hygrometer Digital each Rs. 1300.00



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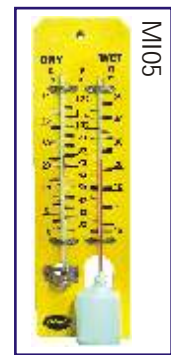
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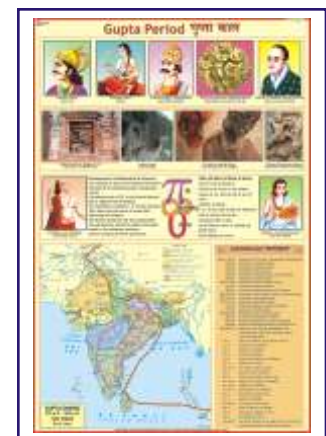
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- IC02 The Dravidians
- IC03 The Aryans
- IC04 The Epic Age
- IC05 Buddhism & Jainism
- IC06 The Mauryans
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- WC06 Babilonian Civilization
- WC07 Chinese Civilization
- WC08 Roman Civilization
- WC09 Mayaland Civilization

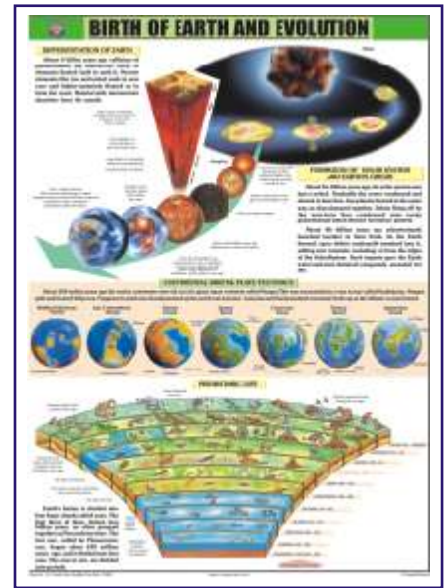
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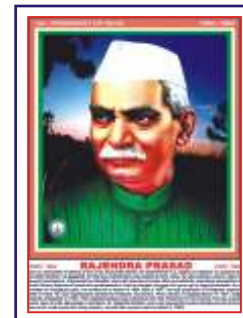
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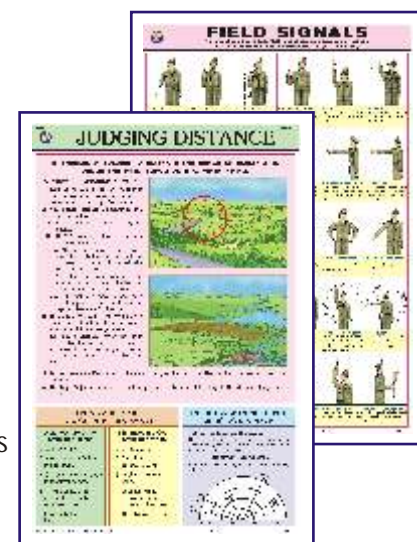
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