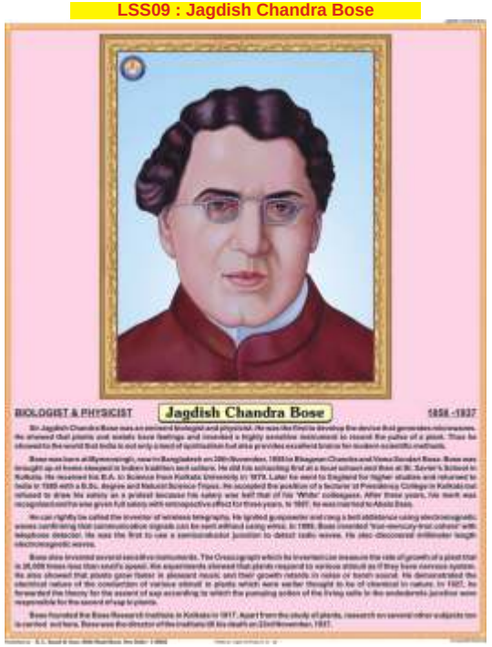
LIFE SKETCH OF SCIENTISTS

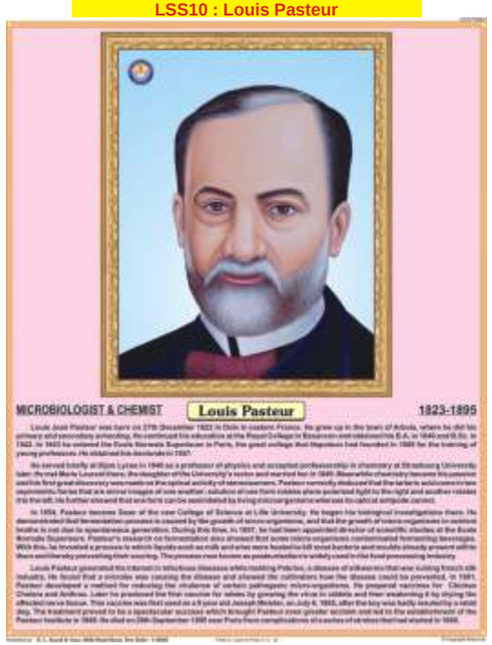
A set of 20 charts

Laminated, Size 45 x 57 cm (In English and Hindi Separately)

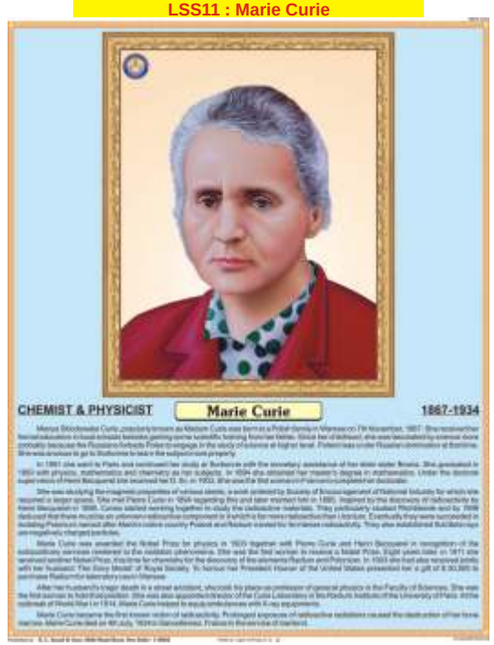
LSS09 : Jagdish Chandra Bose



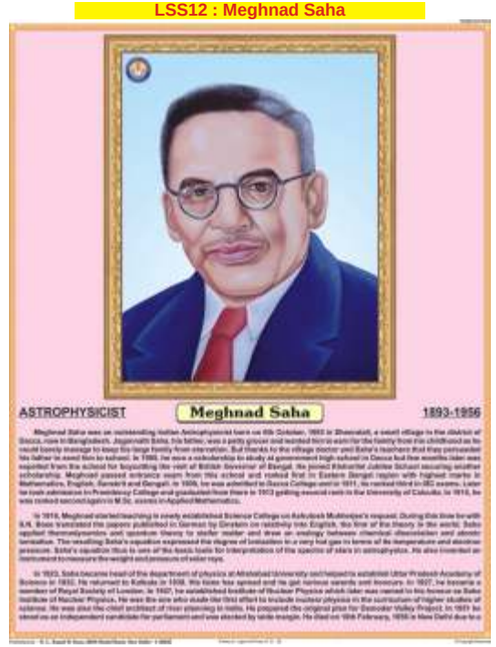
LSS10 : Louis Pasteur



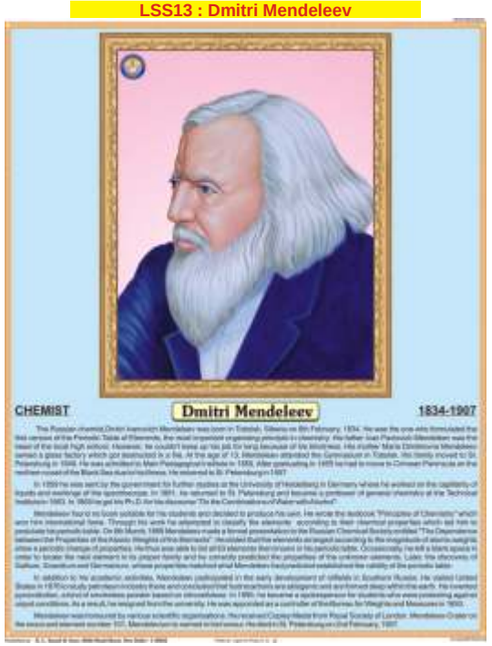
LSS11 : Marie Curie



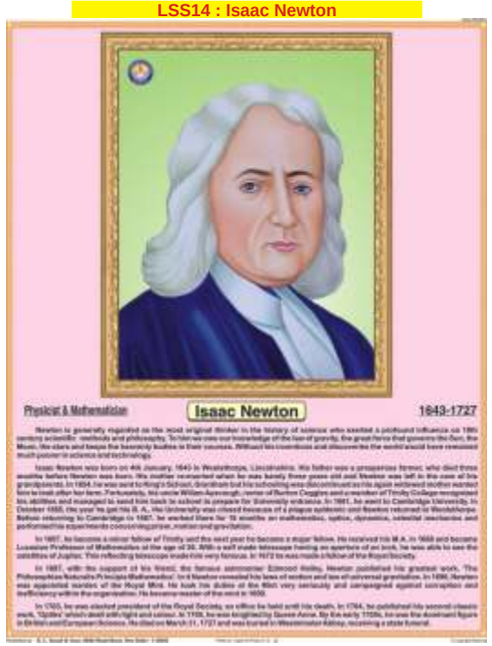
LSS12 : Meghnad Saha



LSS13 : Dmitri Mendeleev



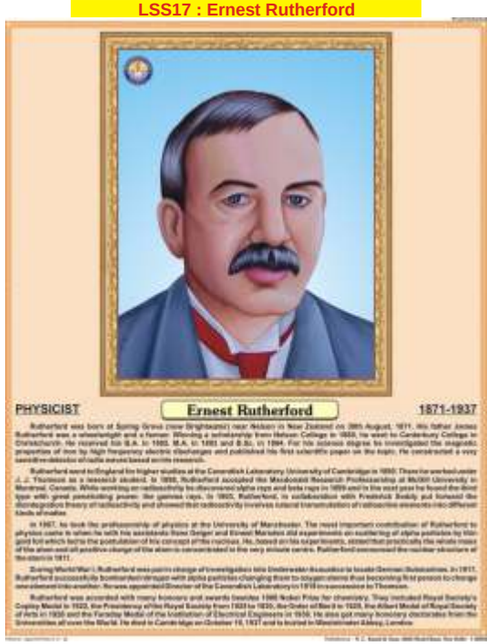
LSS14 : Isaac Newton



LSS15 : Raja Ramanna

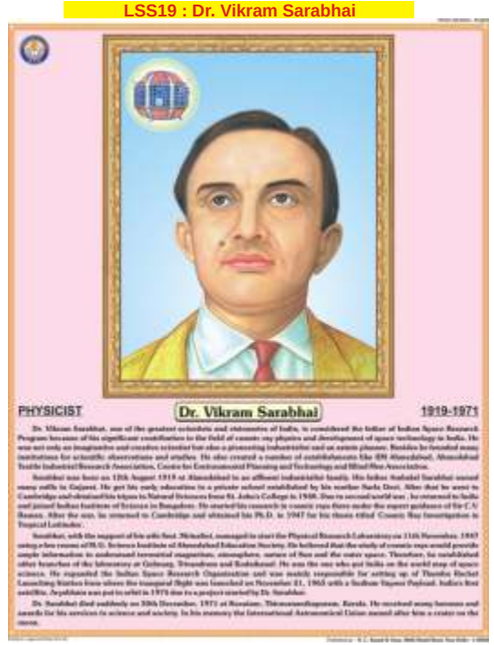
LSS16 : Srinivasa Ramanujan

LSS17 : Ernest Rutherford

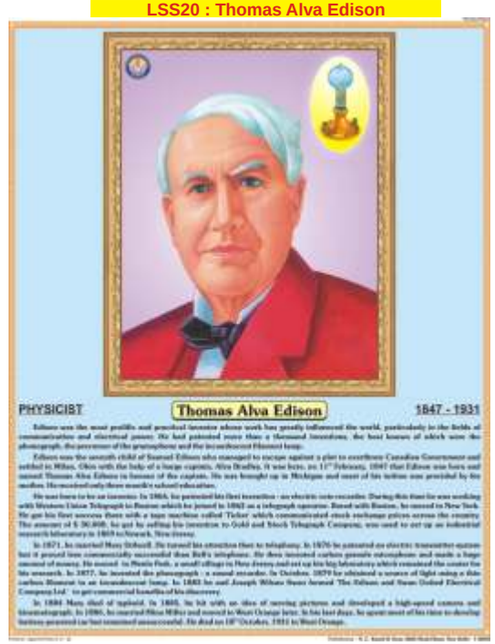


LSS18 : Satyendra Nath Bose

LSS19 : Dr. Vikram Sarabhai



LSS20 : Thomas Alva Edison



LIFE SKETCH OF SCIENTISTS

A set of 20 charts

Laminated, Size 45 x 57 cm (In English and Hindi Separately)

CHARTS ON FOOD AND NUTRITION

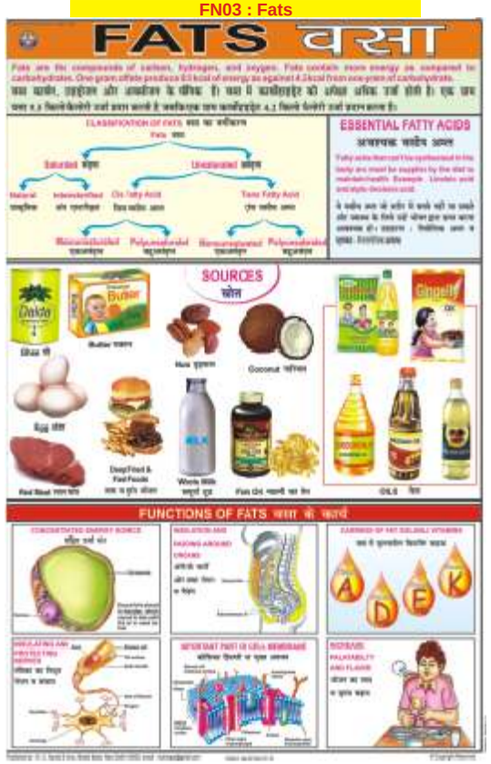
A set of 10 charts

Laminated, Size 70 x 100 cm (In English and Hindi Combined)

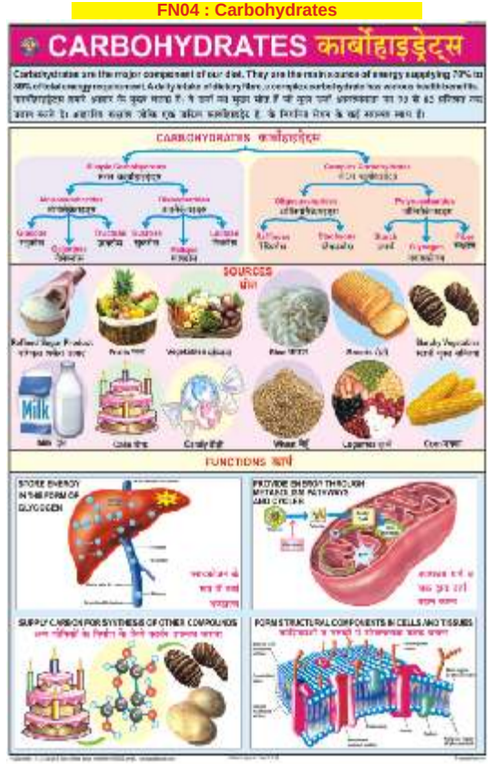
FN01 : Our Food

FN02 : Proteins

FN03 : Fats



FN04 : Carbohydrates



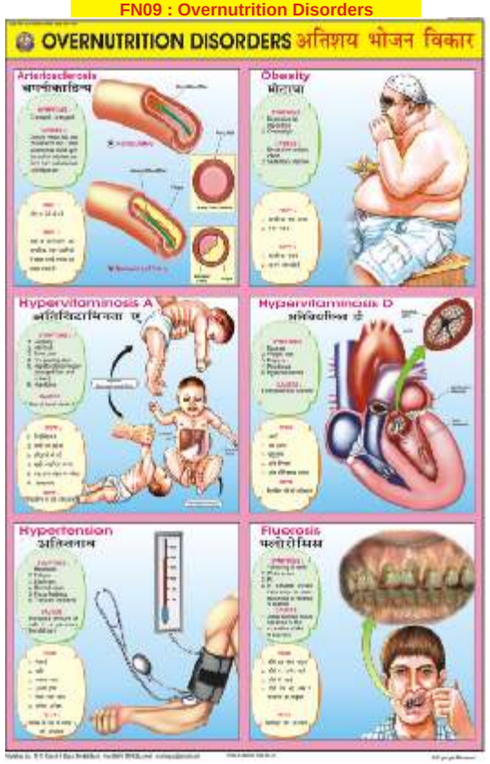
FN05 : Vitamins

FN06 : Minerals

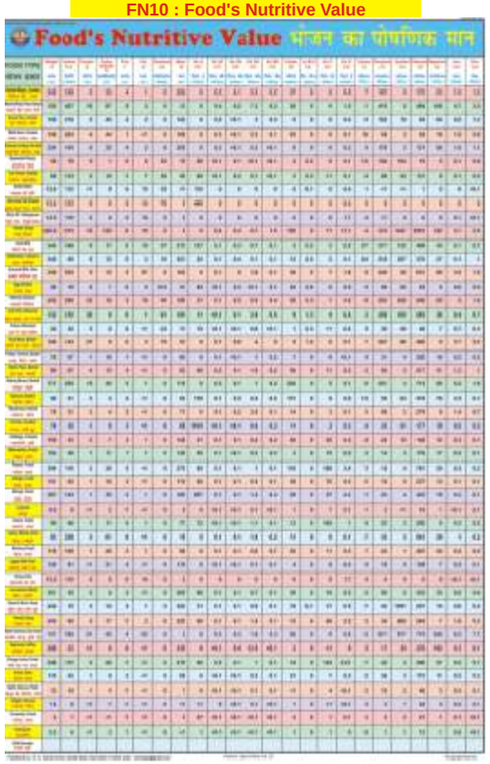
FN07 : Water and Roughage

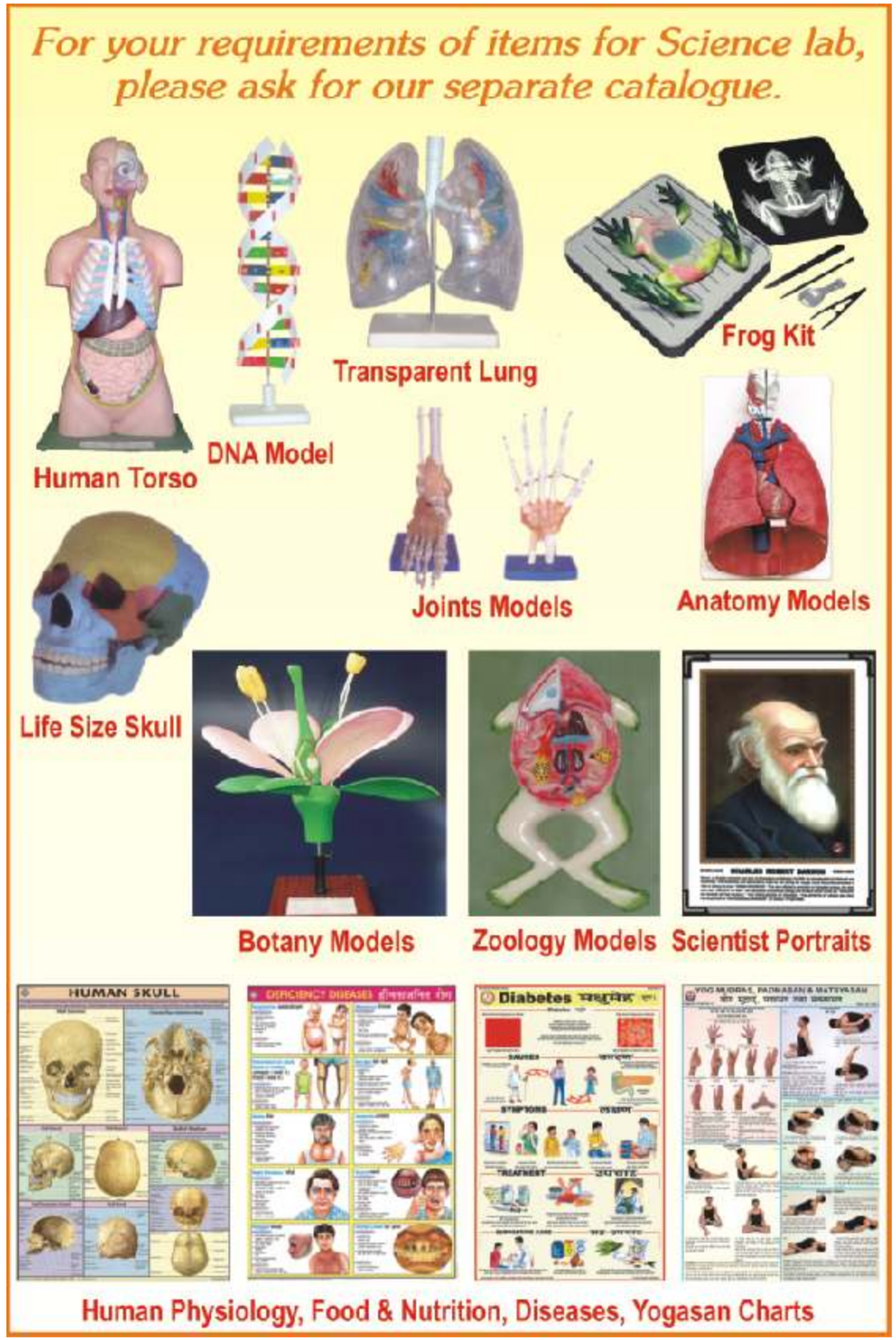
FN08 : Deficiency Diseases

FN09 : Overnutrition Disorders



FN10 : Food's Nutritive Value





CHARTS ON FOOD AND NUTRITION

A set of 10 charts
Laminated, Size 70 x 100 cm (In English and Hindi Combined)

HEALTH CARE SERIES

A set of 10 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

HC01 : Health Rules

HC02 : Causes of Diseases

HC03 : Prevention of Diseases

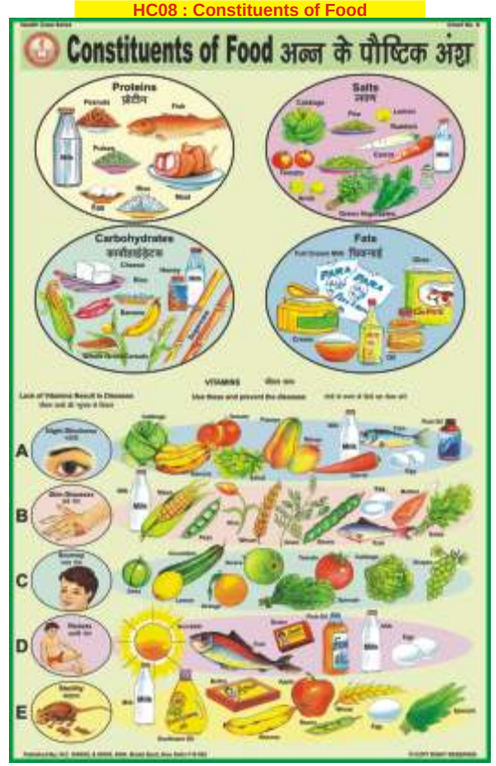
HC04 : Effects of Alcohol

HC05 : Tobacco & Other Habit Forming Drugs

HC06 : Clean Body

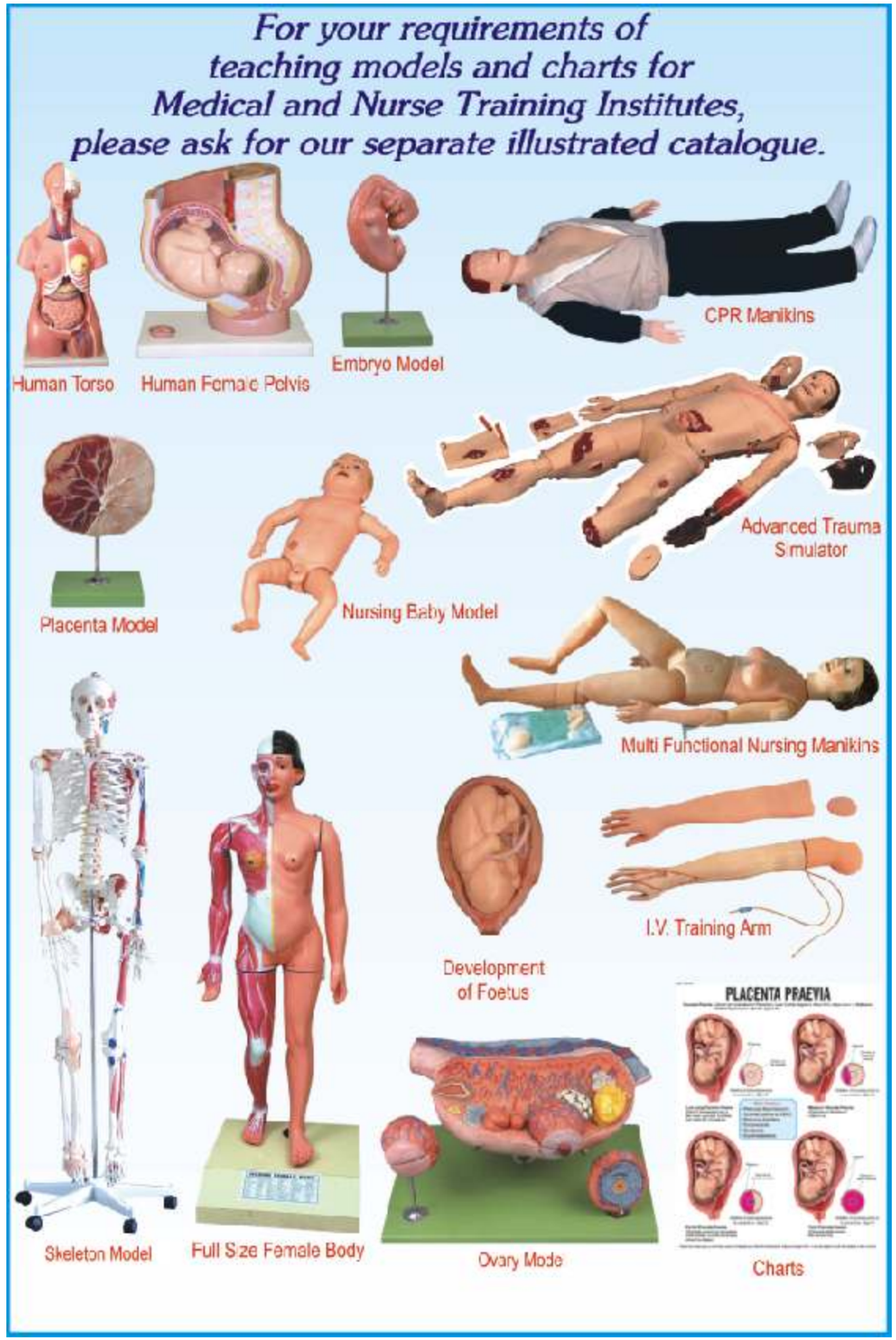
HC07 : Clean Water

HC08 : Constituents of Food



HC09 : Malnutrition

HC10 : Immunization of The Child



PREVENT THE DISEASES

A set of 20 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

PD01 : Cholera

PD02 : Malaria

PD03 : AIDS

PD04 : Plague

PD05 : Tuberculosis (T.B.)

PD06 : Leprosy

PD07 : Influenza

PD08 : Jaundice

PD09 : Cancer

PD10 : Typhoid

PD11 : Viral Diseases

PD12 : Chicken Pox

PD13 : Dysentery

PD14 : Hepatitis

PD15 : Heart Attack

PD16 : Diabetes

PREVENT THE DISEASES

A set of 20 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

PREVENT THE DISEASES

A set of 20 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

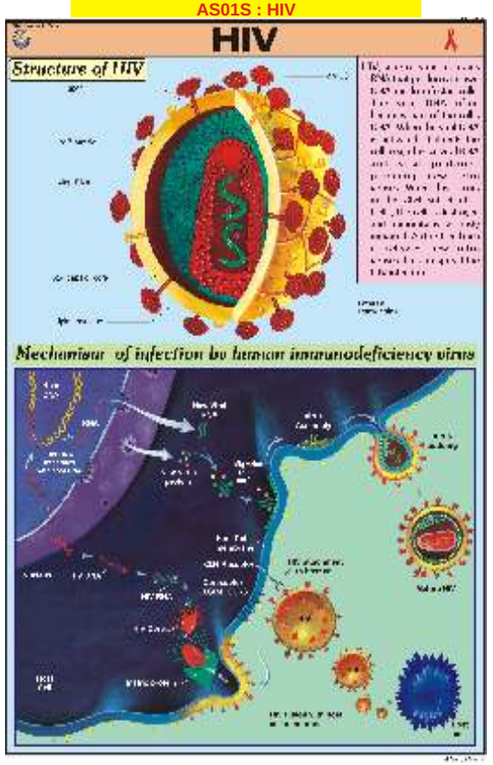
PD17 : Asthma

PD18 : Arthritis

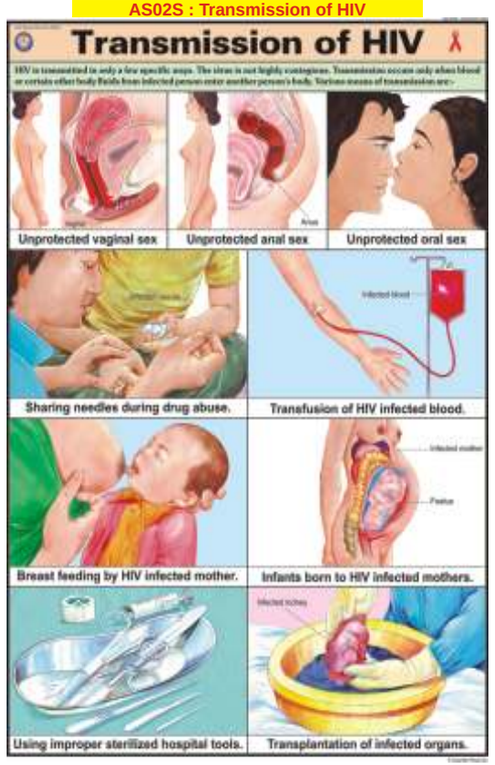
PD19 : Thyroid

PD20 : Blood - Pressure

AS01S : HIV



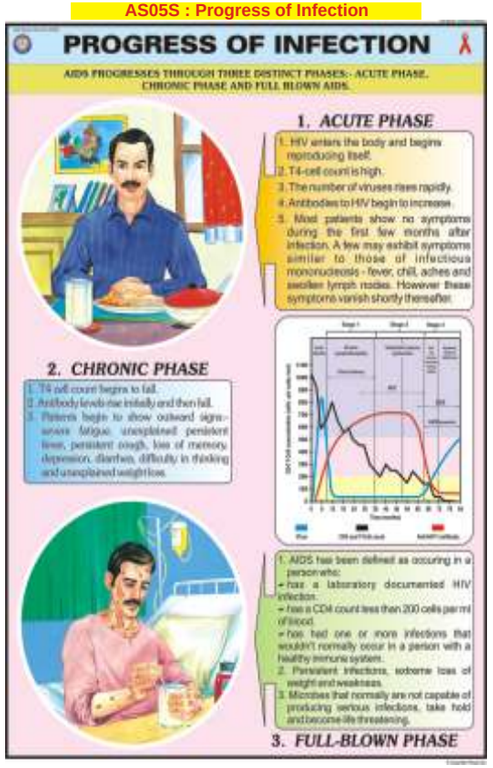
AS02S : Transmission of HIV



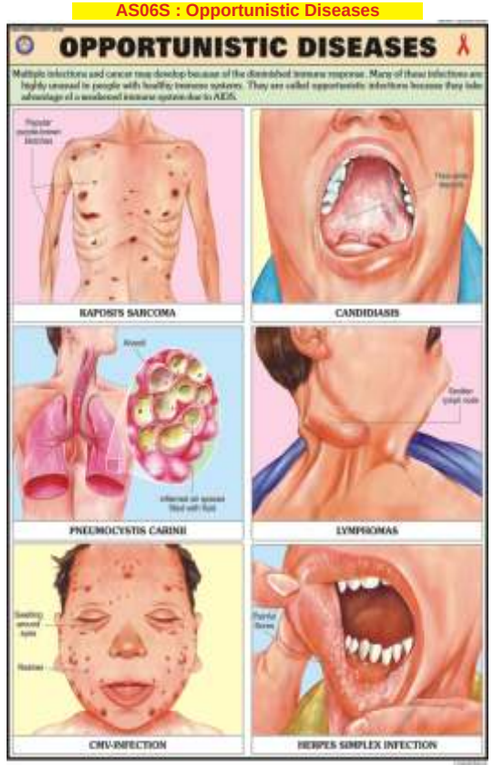
AS03S : Prevention

AS04S : How AIDS is not Transmitted

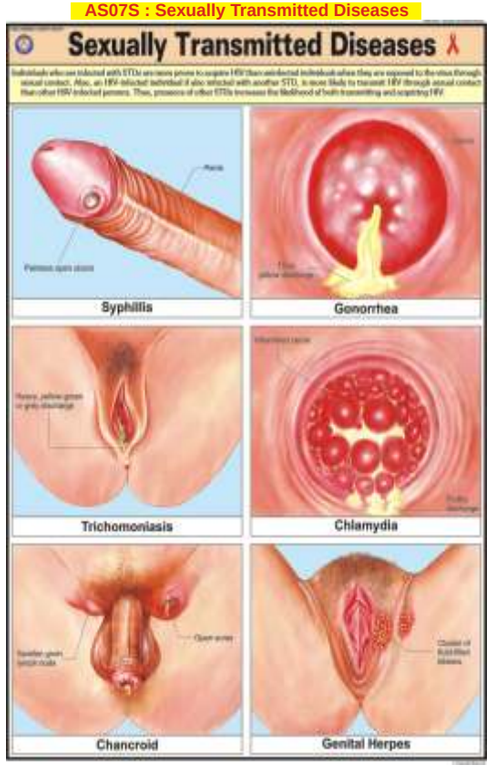
AS05S : Progress of Infection



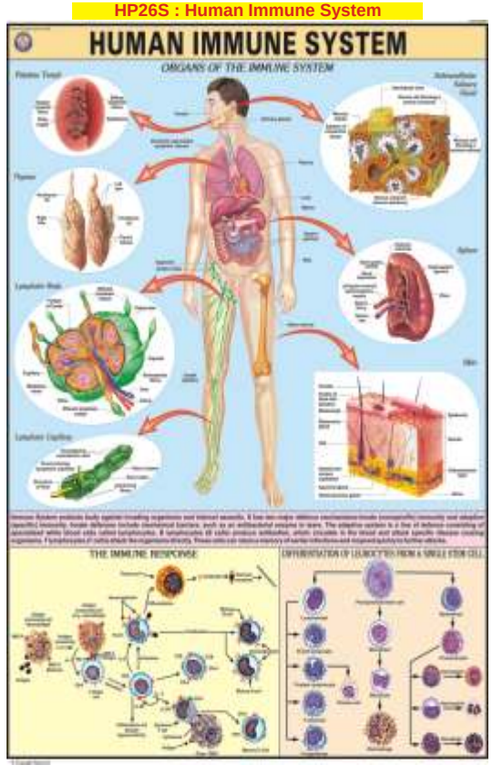
AS06S : Opportunistic Diseases



AS07S : Sexually Transmitted Diseases



HP26S : Human Immune System



CHARTS ON AIDS

A set of 8 charts

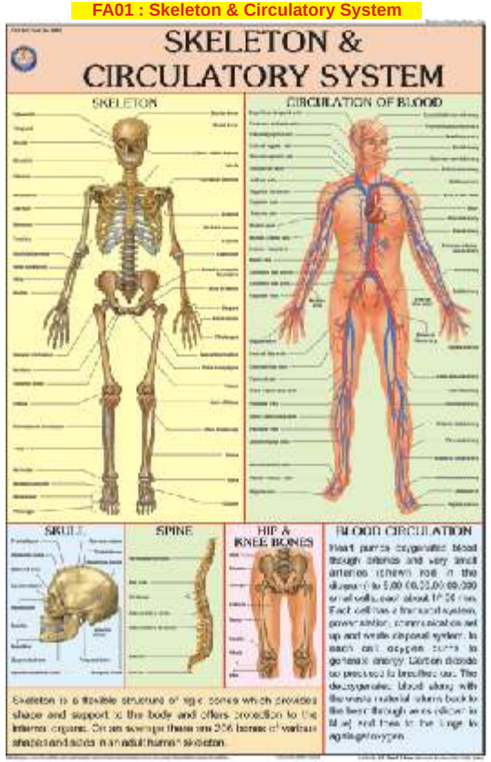
Synthetic, Size 70 x 100 cm (Available in English Only)

FIRST AID CHARTS

A set of 15 charts, Size 50 x 75 cm

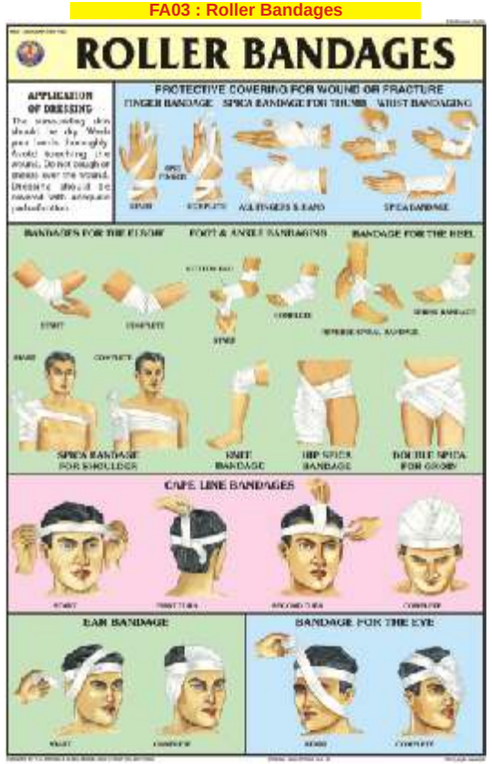
Laminated, (Available in English-Hindi Combined) and also in English Only

FA01 : Skeleton & Circulatory System

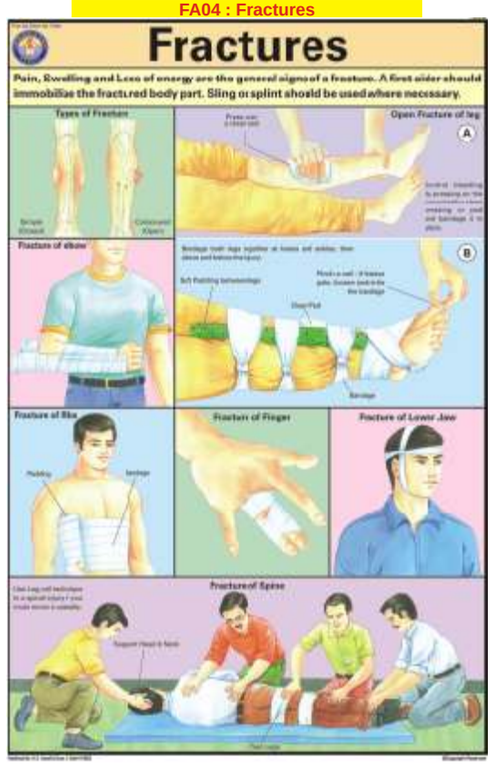


FA02 : Triangular Bandages

FA03 : Roller Bandages



FA04 : Fractures

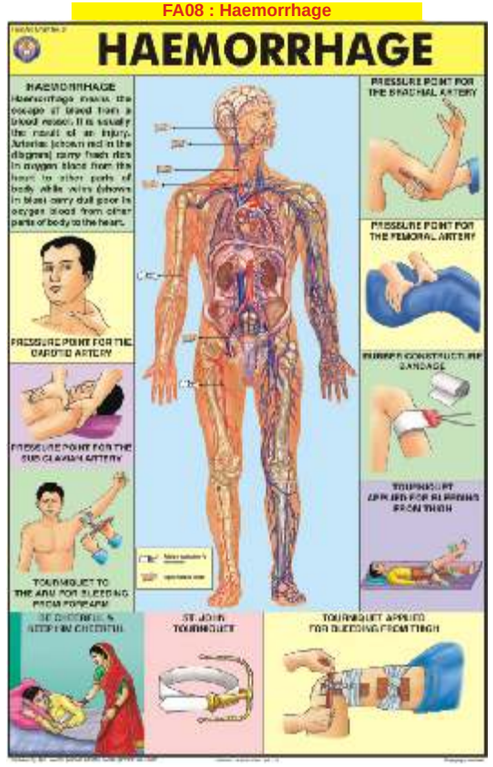


FA05 : Artificial Respiration

FA06 : Transport of the Injured

FA07 : Unconsciousness

FA08 : Haemorrhage



FA09 : Electric Shock And Treatment

FA10 : Emergency Resuscitation

FA11 : Removal of Foreign Bodies

FA12 : Burns & Scalds

FA13 : Snakes & Their Bites

FA14 : Poisons & Their Antidotes

FA15 : First Aid & Appliances

FIRST AID CHARTS

A set of 15 charts, Size 50 x 75 cm

Laminated, (Available in English Only and also in English-Hindi Combined)

CHARTS ON YOGA

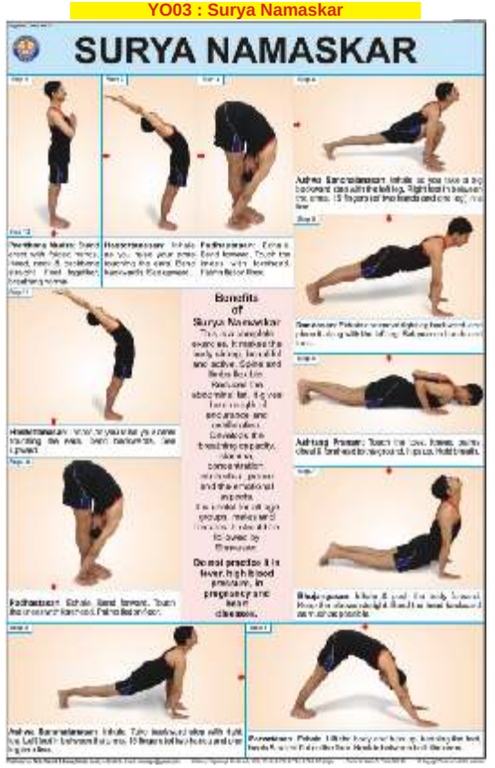
A set of 12 charts, Size 50 x 75 cm

Laminated, (Available in English Only and also in English-Hindi Combined)

YO01 : Shuddhi Kriyas

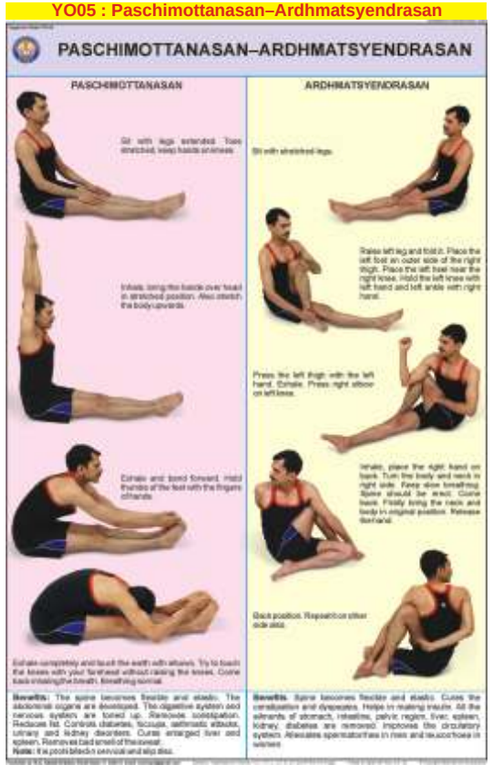
YO02 : Shankh Prakshalan

YO03 : Surya Namaskar



YO04 : Yog Mudras, Padmasan & Matsyasan

YO05 : Paschimottanasan–Ardhmatsyendrasan

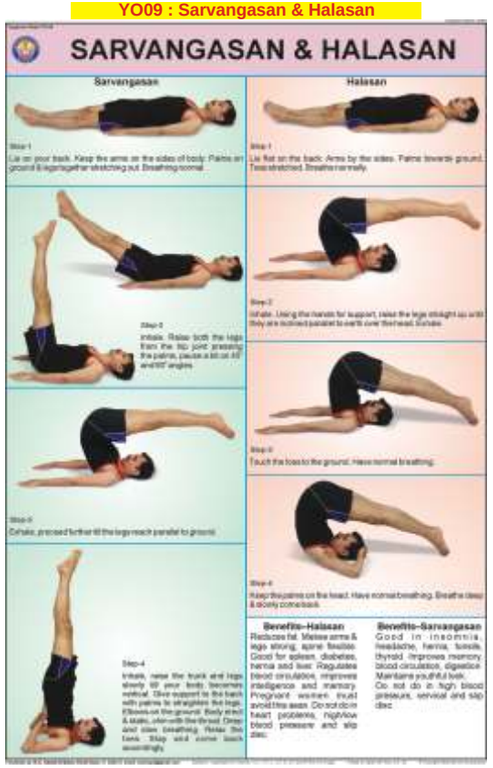


YO06 : Vajrasan, Ushtrasan & Suptavajrasan

YO07 : Bhujangasan, Shalbhasan, Dhanurasan & Mayurasan

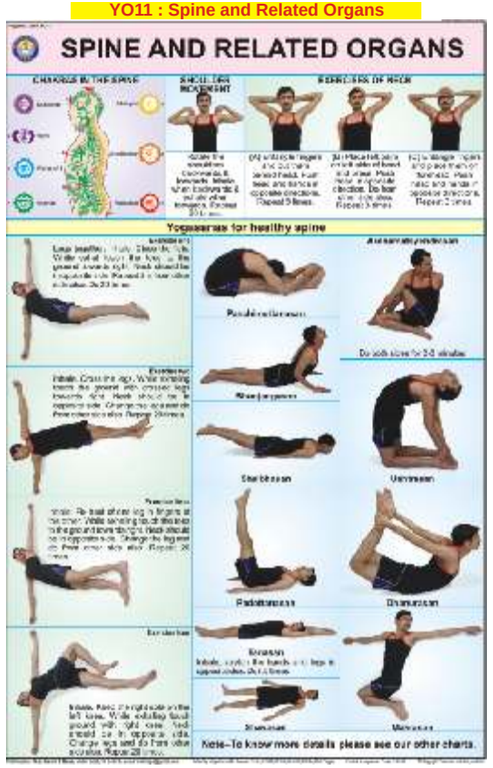
YO08 : Pawan Muktasan & Chakrasan

YO09 : Sarvangasan & Halasan



YO10 : Bandh and Pranayam

YO11 : Spine and Related Organs



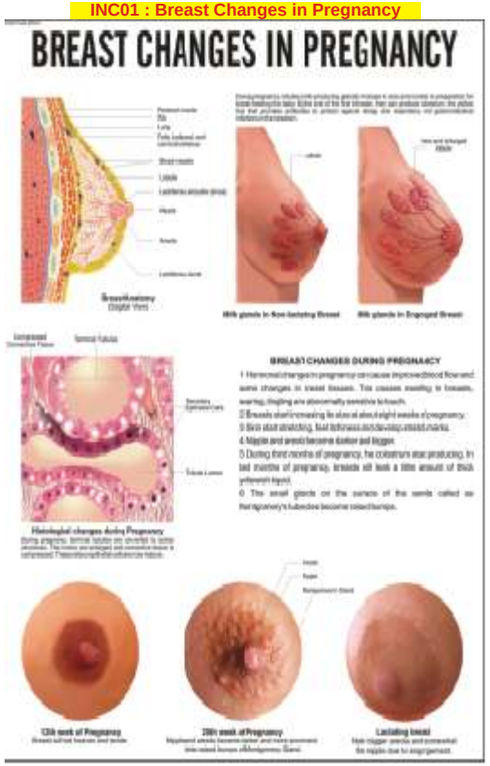
YO12 : Healthy Eyes

CHARTS ON YOGA

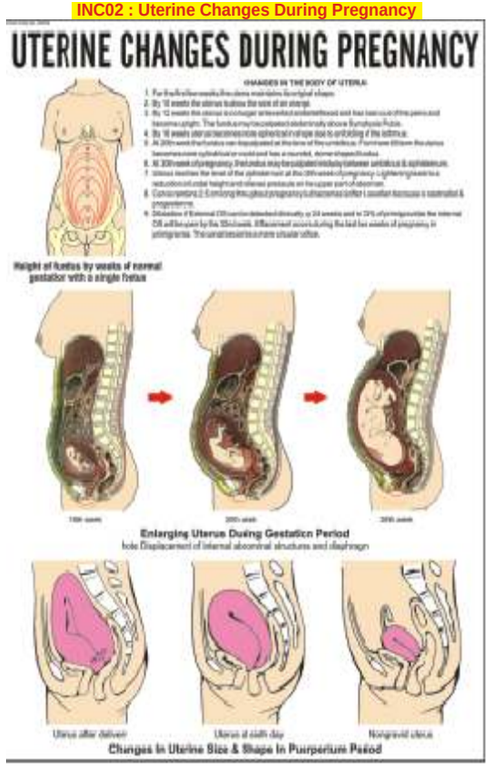
A set of 12 charts, Size 50 x 75 cm
Laminated, (Available in English Only and also in English-Hindi Combined)

IMPORTANT NURSING CHARTS
A set of 20 charts
Laminated Art, Size 51 x 66 cm (Available in English only)

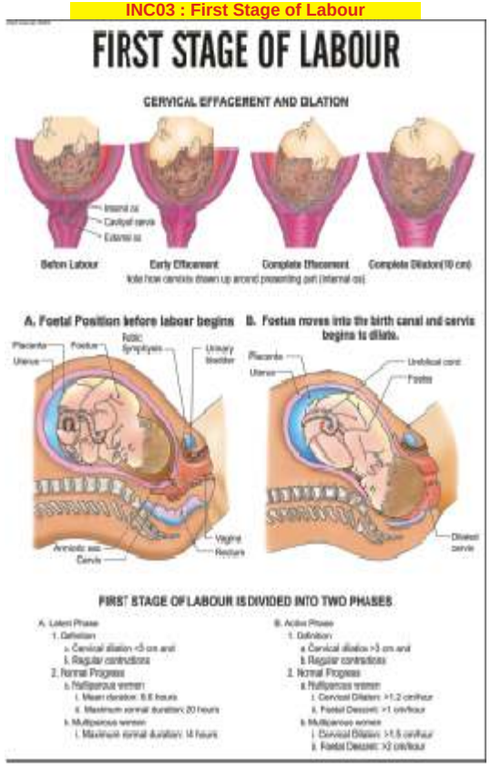
INC01 : Breast Changes in Pregnancy



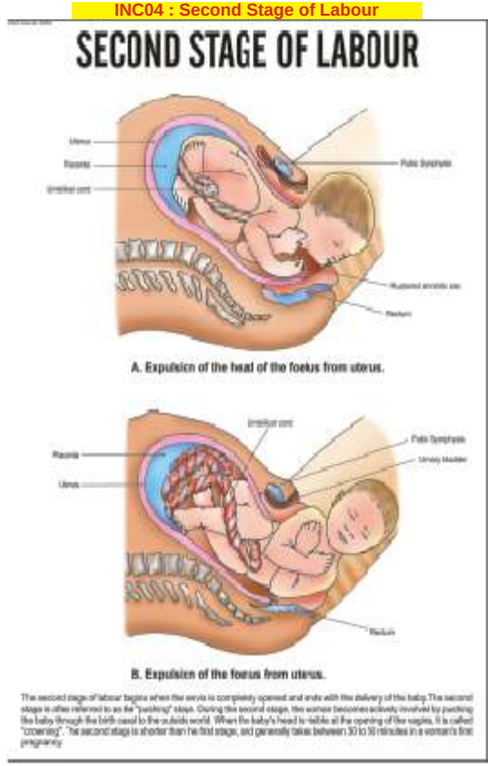
INC02 : Uterine Changes During Pregnancy



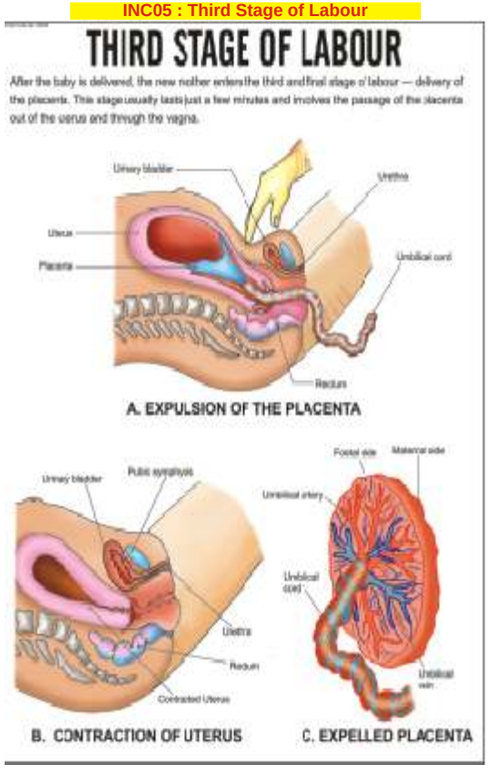
INC03 : First Stage of Labour



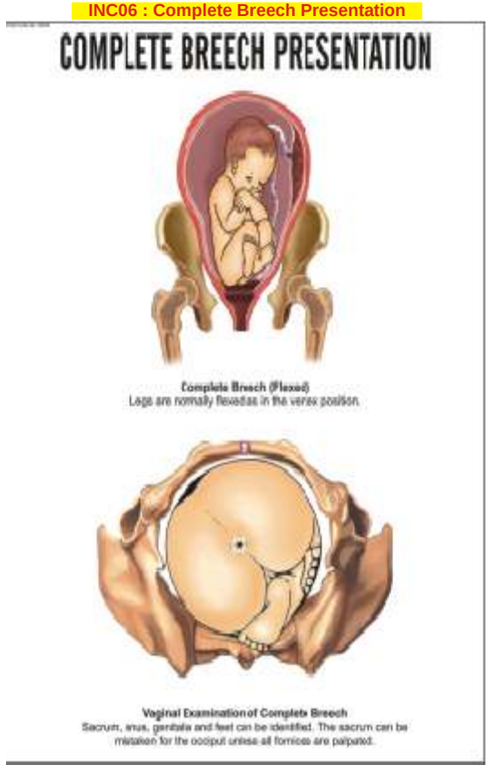
INC04 : Second Stage of Labour



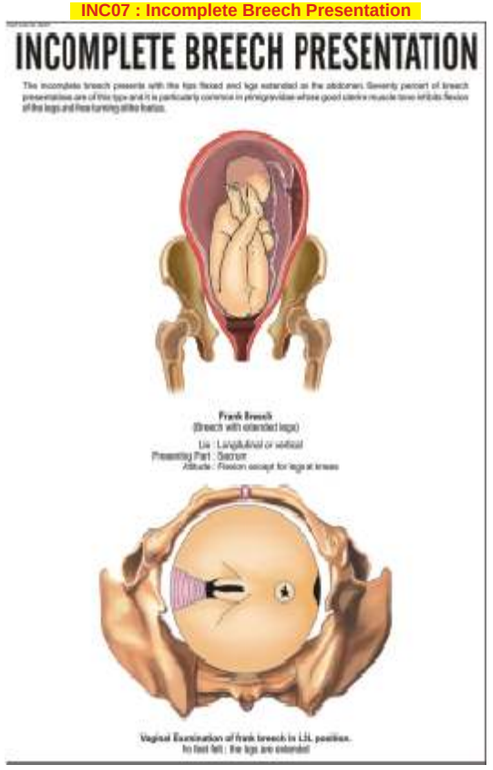
INC05 : Third Stage of Labour



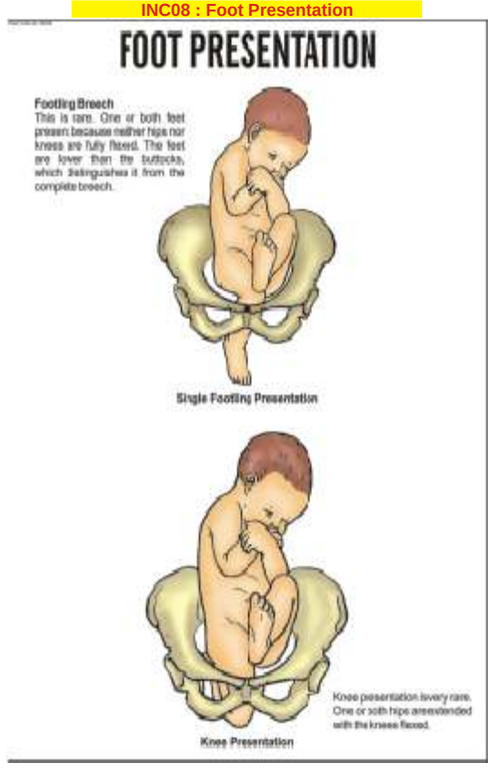
INC06 : Complete Breech Presentation



INC07 : Incomplete Breech Presentation



INC08 : Foot Presentation



INC09 : Shoulder Presentation

SHOULDER PRESENTATION

1. **Shoulder Presentation**
   a. Occurs when foetus is transverse with back down
   b. Shoulder sits over pelvic inlet
2. **Epidemiology**
   a. Incidence: 0.3% of singleton births
3. **Causes**
   a. Prematurity
   b. Placenta Praevia
   c. Abnormal uterus
   d. Contracted pelvis or relaxed abdominal wall
   e. Polyhydramnios
4. **Diagnosis**
   a. Leopold's Manoeuvres
      • Transverse lie should be easy to identify
   b. Digital cervical exam
      • No presenting part
5. **Management**
   a. Caesarean section required in most cases
   b. Indications to consider External Cephalic Version
      • Intact membranes and no labour
      • Back-up transverse lie with cervix fully dilated
6. **Complications**
   a. Uterine Rupture

Dorsoposterior Shoulder Presentation

Dorsoanterior Shoulder Presentation

INC10 : Face Presentation

FACE PRESENTATION

When the attitude of the head is one of complete extension, the occiput of the foetus will be in contact with its spine and the face will present. The incidence is about 1 : 500 or less. In face presentation position, the denominator is the mentum.

Vaginal examination in LMa position.
Submentobregmatic diameter measures 9.5 cm.

Six positions of face presentation

INC11 : Brow Presentation

BROW PRESENTATION

Brow Presentation occurring in 9324 consecutive pregnancies		
Incidence	1/97 or 1/1.0	
Multipara	59	66.3%
Parous	50	56.0%
Perinatal deaths	3	1.1%
Fetal malformations		
Anencephalus	-	-
Hydrocephalus/other neural tube	2	(2.0%)
Miscellaneous + major	2	(2.1%)
Stillbirth		
Spontaneous	14	8.9%
Forceps	66	69.5%
Caesarean section	410	97.9%

* Includes one set of twins where both babies presented by the brow.

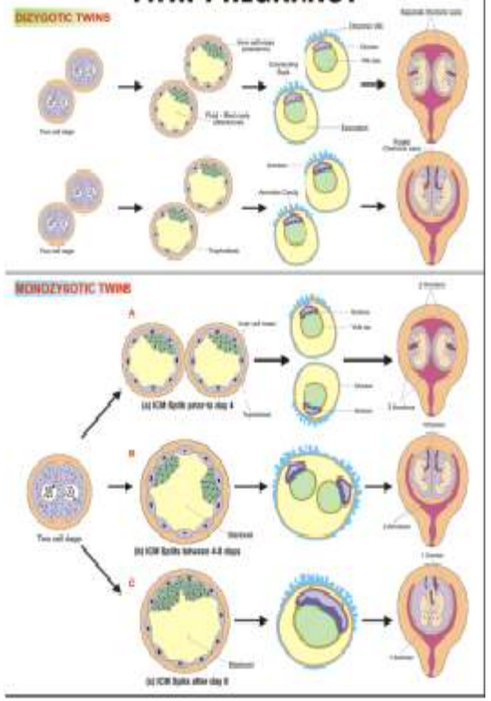
In Brow Presentation, the head is above the brim and not engaged. The mento-vertical diameter of the head is trying to engage in the transverse diameter at the brim.

Vaginal examination with brow presentation.

Moulding in a brow presentation (dotted line)

INC12 : Twin Pregnancy

TWIN PREGNANCY



INC13 : Placenta Praevia

PLACENTA PRAEVIA

Placenta Praevia :: Abnormal implantation of Placenta in lower Uterine Segment. About 60% cases occur in Multiparas. Probability increases after the age of 35.

Low Lying Placenta Praevia
(Part of the placenta lies in the lower segment, but does not reach the internal os)

Risk Factors
- Previous Myomectomy
- Scarred uterus or VBAC
- Previous Abortion
- Endometritis
- Multiparity
- Erythroblastosis

Marginal Placenta Praevia
(Placenta on the brim of internal os)

Partial Placenta Praevia
(Placenta covers the cervical os when closed, but not completely when it is dilated)

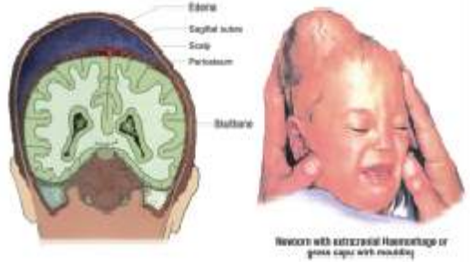
Total Placenta Praevia
(Placenta totally covers the cervical os)

Placenta Praevia is a common cause of bleeding in the third trimester. Haemorrhage here it can be fatal to both the foetus & the mother.

INC14 : Caput Succedaneum

CAPUT SUCCEDANEUM

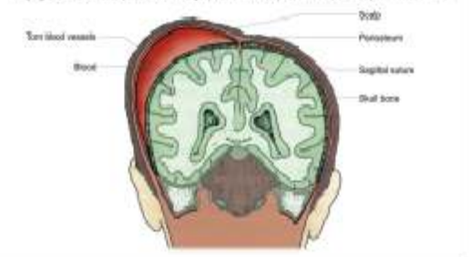
Caput succedaneum is a extensive area of the scalp, most commonly found over the occiput. With various presentation, the localized pressure of the occiput against the cervix results in compression of head vessels, thereby obstructing venous return. The classic venous return causes an increase in tissue fluids within the skin of the scalp, and an extensive swelling develops. This swelling, present at birth, extends across suture lines of the head as it is the superficial tissue that moves with the fetal head.



Newborn with extracranial Haemorrhage or gross caput with moulding

CEPHALHAEMATOMA

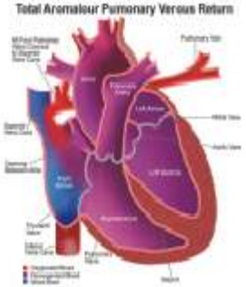
Cephalhaematoma is a collection of blood between a skull bone and its periosteum. Cephalhaematoma does not cross a cranial suture line. Bleeding resulting in cephalhaematoma may occur with spontaneous birth from pressure against the maternal bony pelvis. A cephalhaematoma is usually diagnosed in the 2nd or 3rd day of life when it first develops a bulge. The process of a cephalhaematoma spontaneously resorbs in 2 to 6 months.



INC15 : Congenital Malformations of New Born

CONGENITAL MALFORMATIONS OF NEW BORN

Total Anomalous Pulmonary Venous Return



Encephaloceles

Frontal Encephalocoele

Lymphatic Malformation (LM)

A newborn with a Cervical Lymphatic Malformation

Occipital Encephalocoele

INC16 : Cleft Lip-Palate

CLEFT LIP-PALATE

Unilateral cleft lip (partial)

Unilateral cleft of primary palate
(complete, involving lip and alveolar ridge)

Bilateral cleft lip

Partial cleft of palate

Complete cleft of secondary palate and unilateral cleft of primary palate

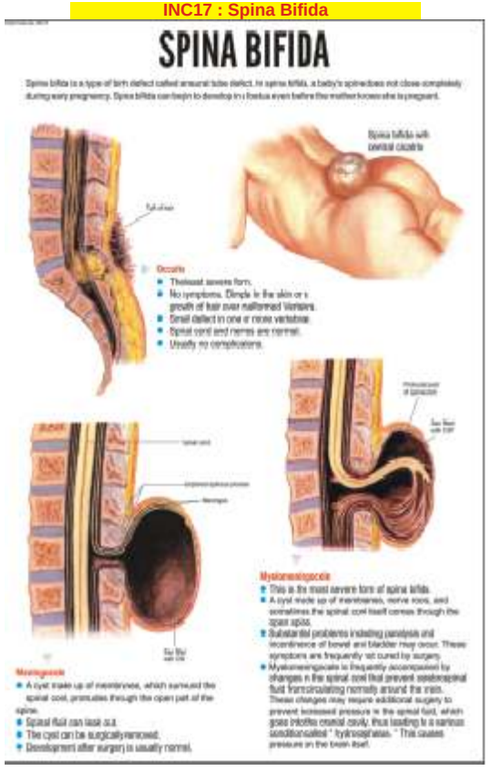
Cleft lip and palate are congenital anomalies resulting in structural facial malformation. The lip and palate, fail to close in approximately 1 in every 1,000 neonates. Cleft lip (with or without cleft palate) occurs more frequently in males, and isolated cleft palate is more frequent in females.
Combination of cleft lip and palate occurs in approximately 50% of cases; cleft lip alone occurs in about 25% of cases; and cleft palate alone occurs in about 25% of cases.

IMPORTANT NURSING CHARTS

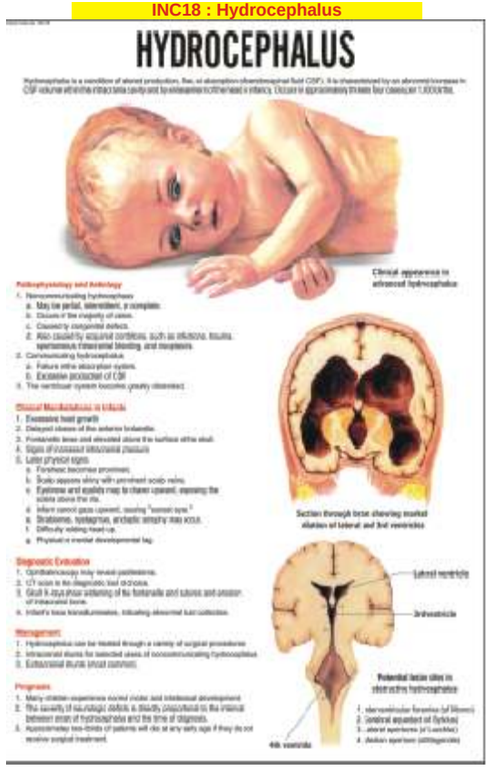
A set of 20 charts

Laminated Art, Size 51 x 66 cm (Available in English only)

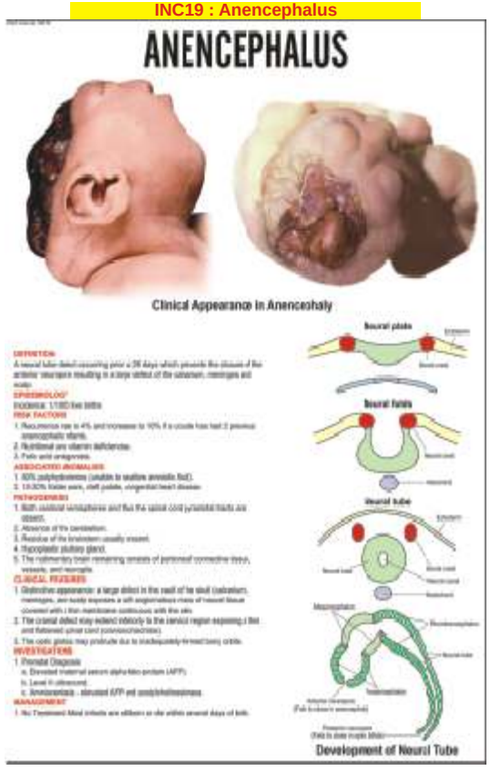
INC17 : Spina Bifida



INC18 : Hydrocephalus

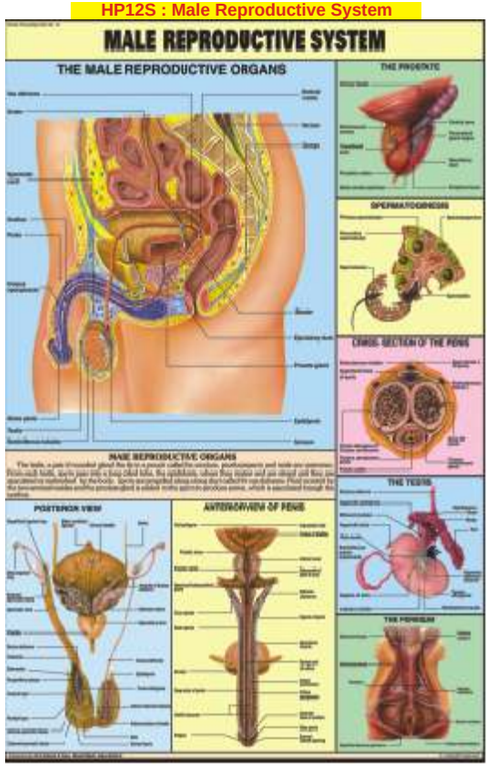


INC19 : Anencephalus

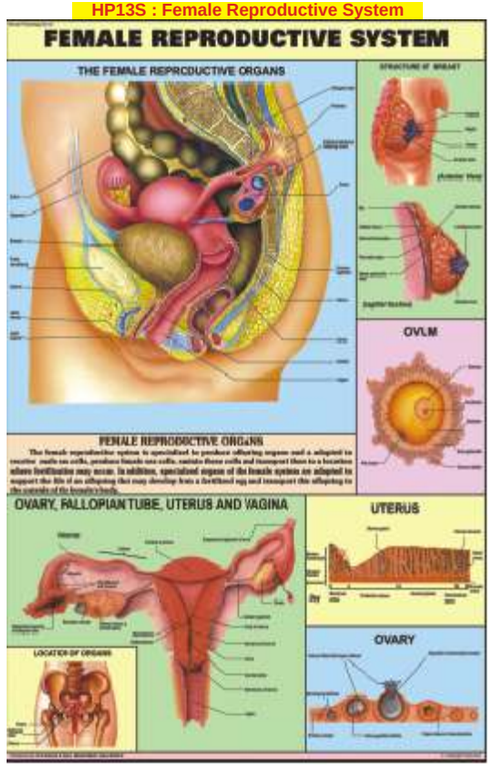


INC20 : Breast Self Examination

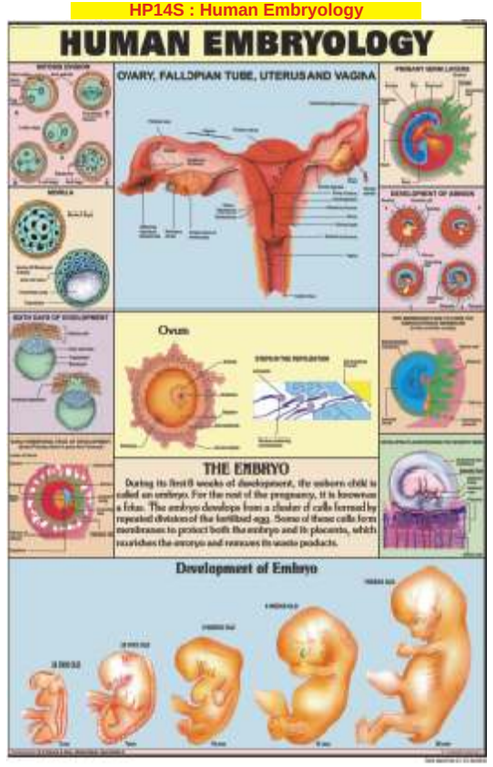
HP12S : Male Reproductive System



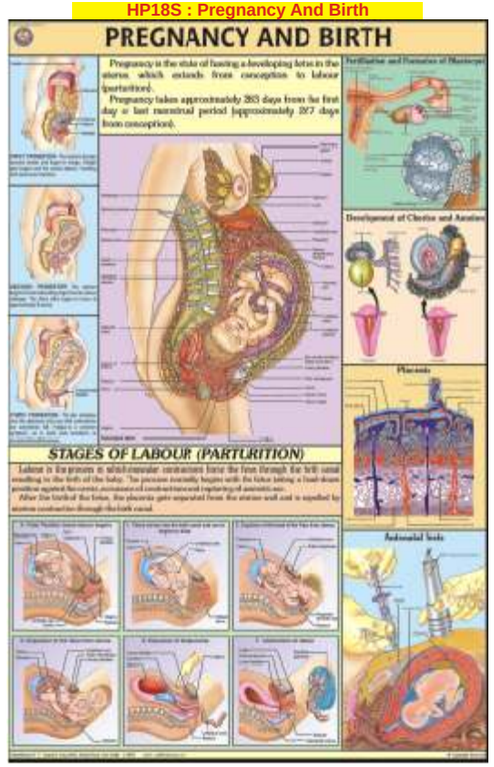
HP13S : Female Reproductive System



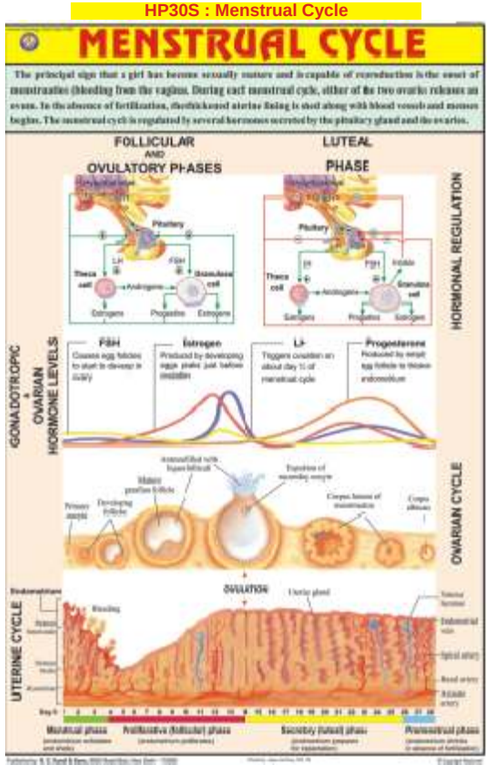
HP14S : Human Embryology



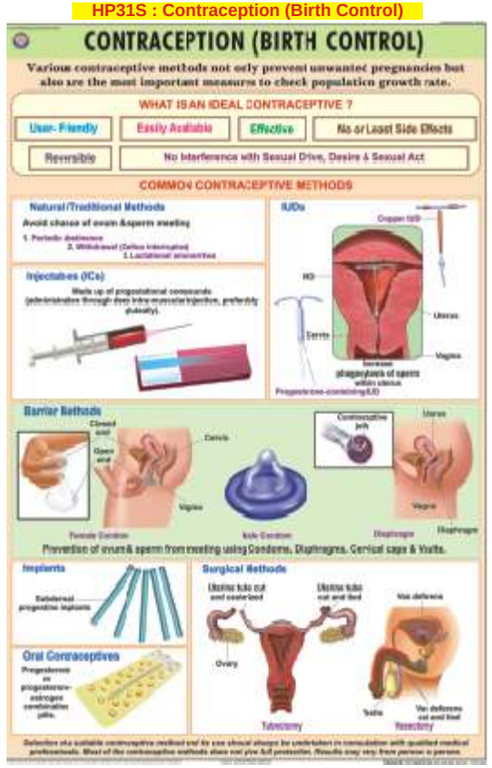
HP18S : Pregnancy And Birth



HP30S : Menstrual Cycle



HP31S : Contraception (Birth Control)



HUMAN REPRODUCTIVE CHARTS

Synthetic, Size 70 x 100 cm (Available in English only)

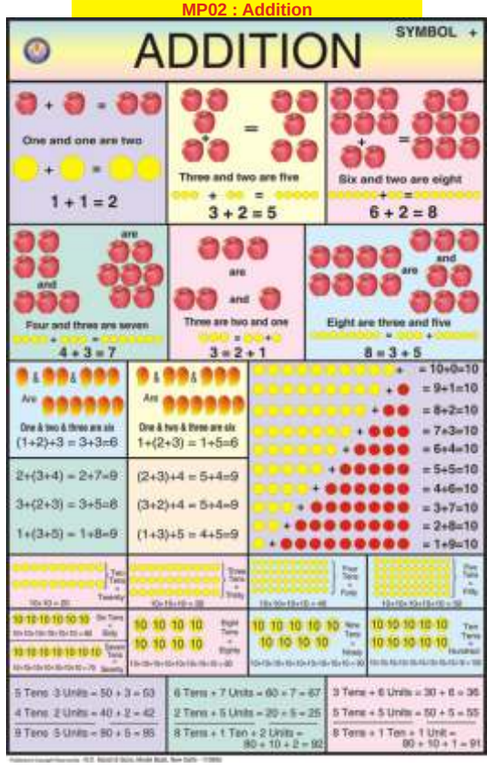
MATHEMATICS PRIMARY CHARTS

A set of 7 charts

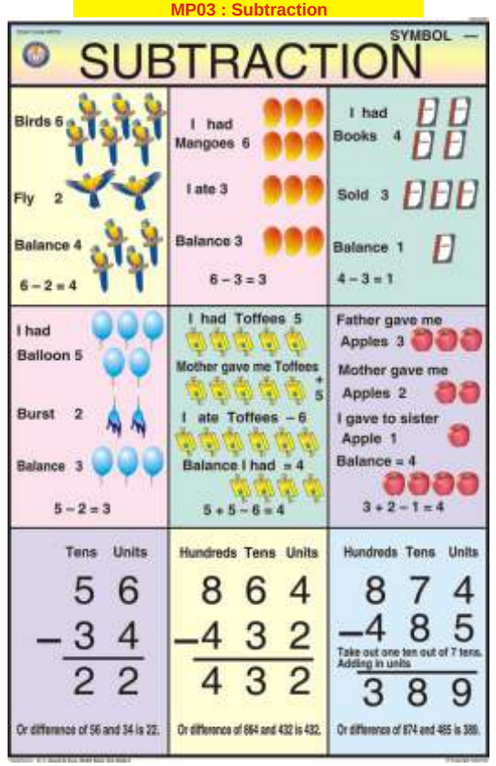
Laminated, Size 50 x75 cm (Available in English and Hindi Separately)

MP01 : Numerical Chart

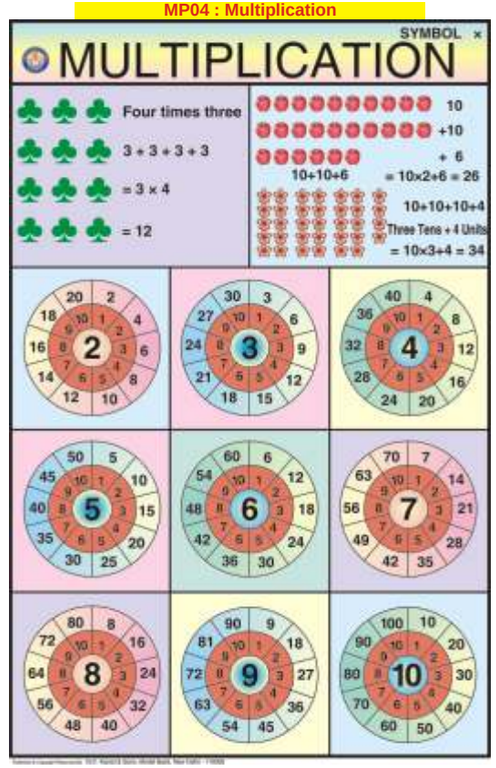
MP02 : Addition



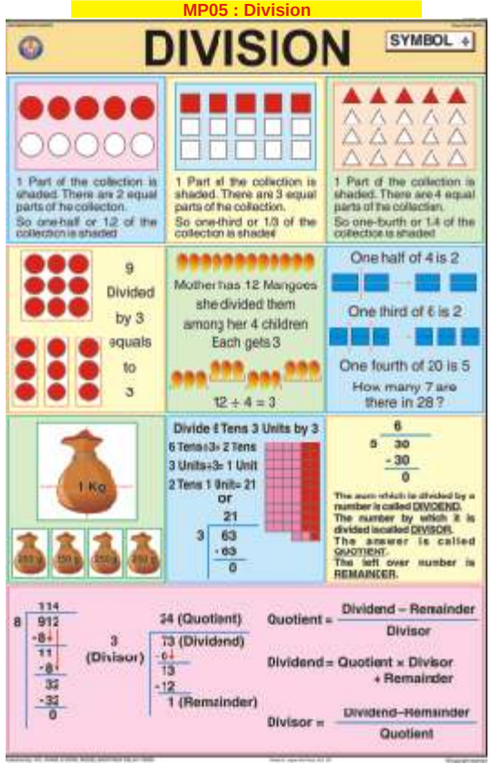
MP03 : Subtraction



MP04 : Multiplication

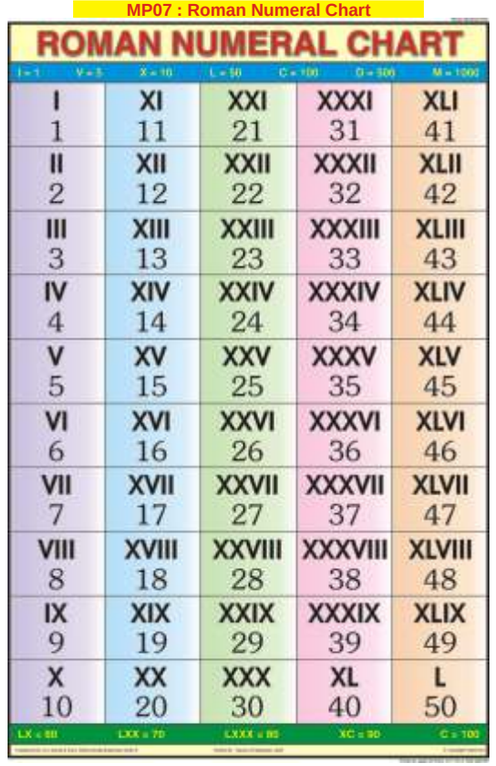


MP05 : Division

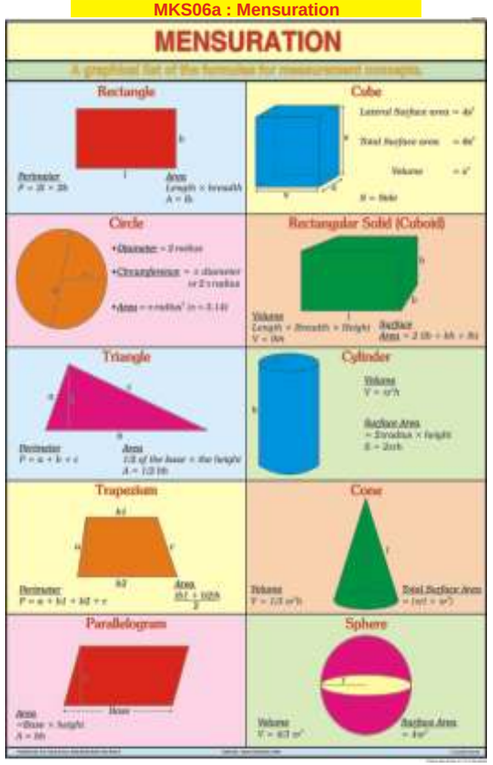


MP06 : Multiplication Tables

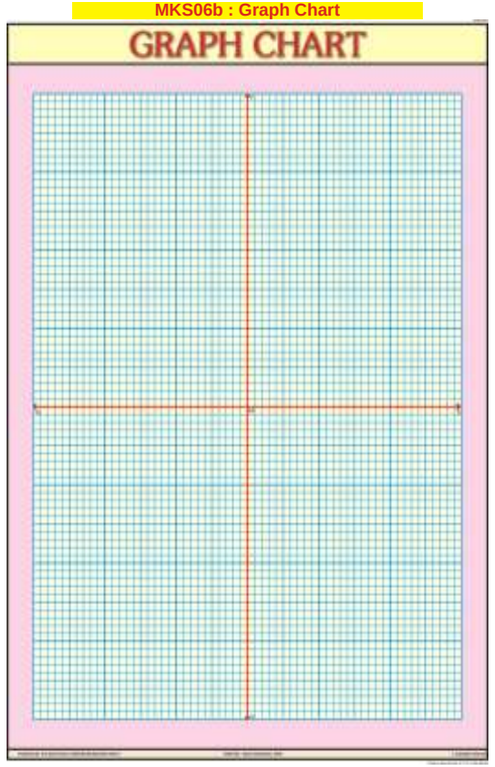
MP07 : Roman Numeral Chart



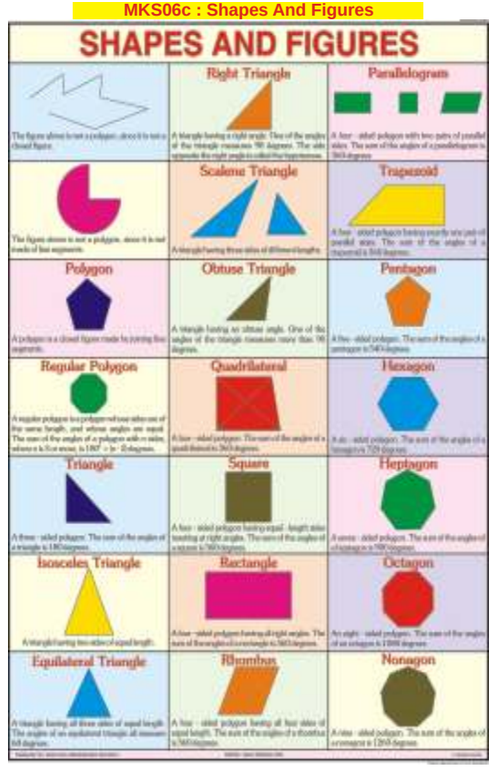
MKS06a : Mensuration



MKS06b : Graph Chart

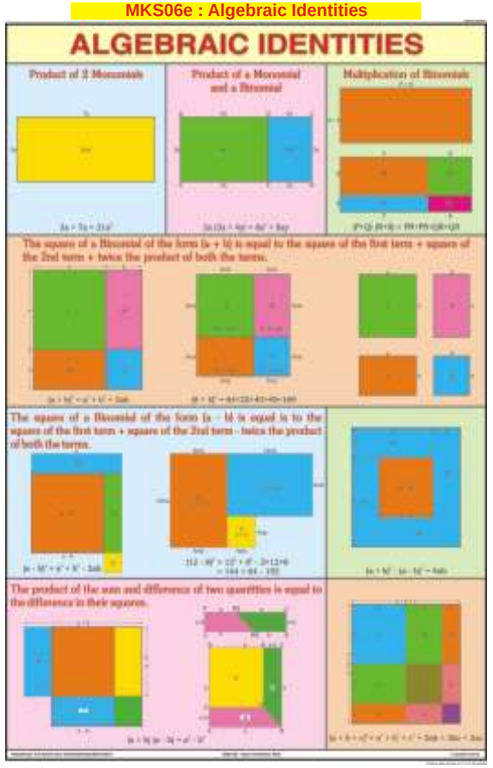


MKS06c : Shapes And Figures



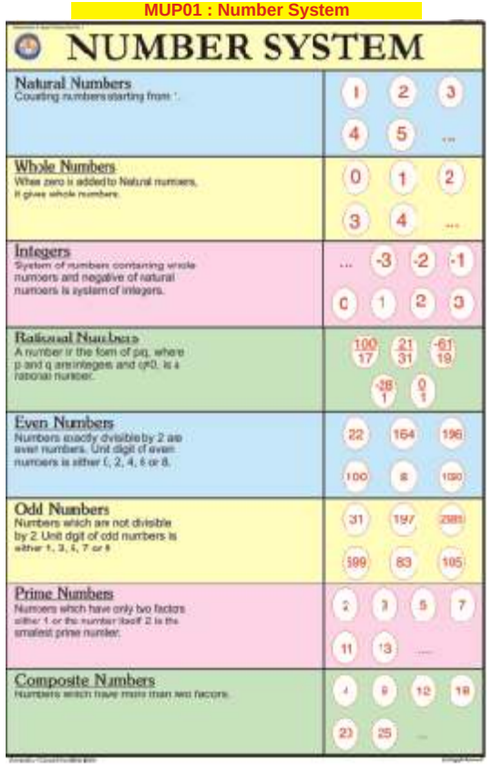
MKS06d : Mathematical Symbol

MKS06e : Algebraic Identities

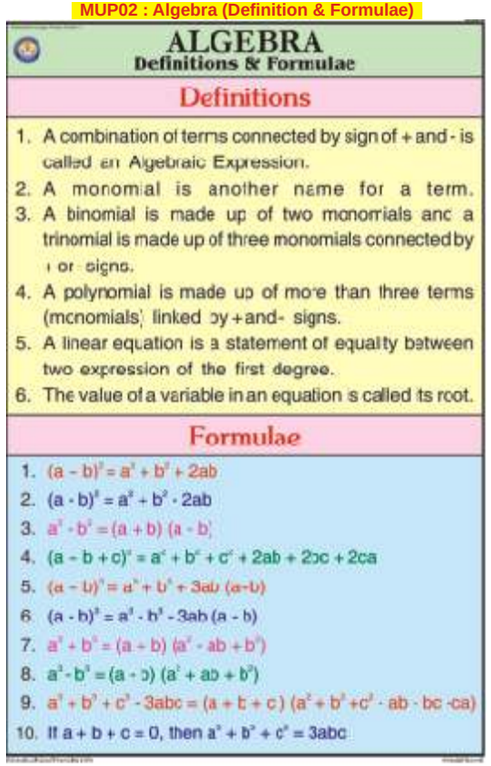


MATHEMATICS UPPER PRIMARY CHARTS
A set of 15 charts, Size 50 x 75 cm
Laminated, (Available in English-Hindi Combined)
Also available in English only

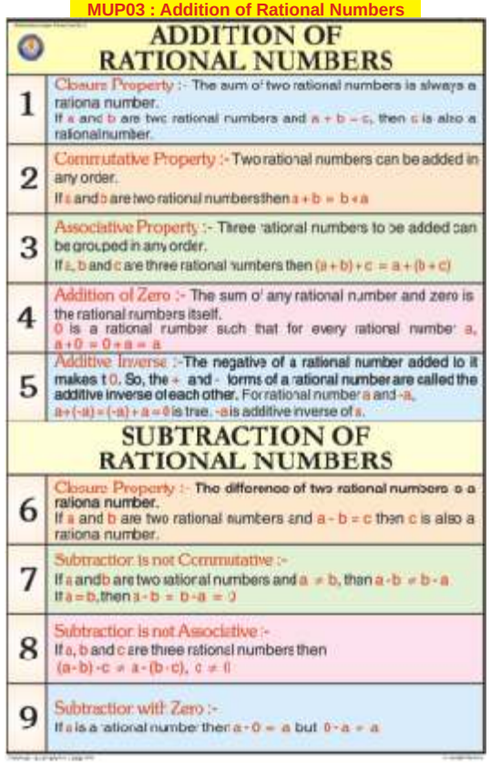
MUP01 : Number System



MUP02 : Algebra (Definition & Formulae)

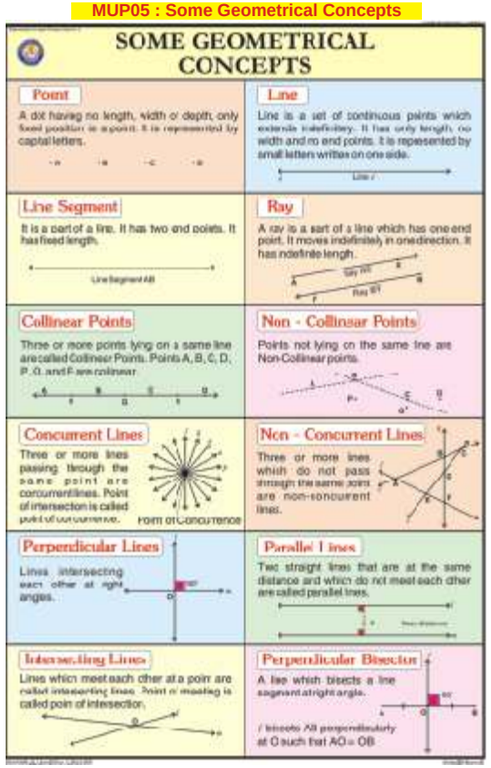


MUP03 : Addition of Rational Numbers

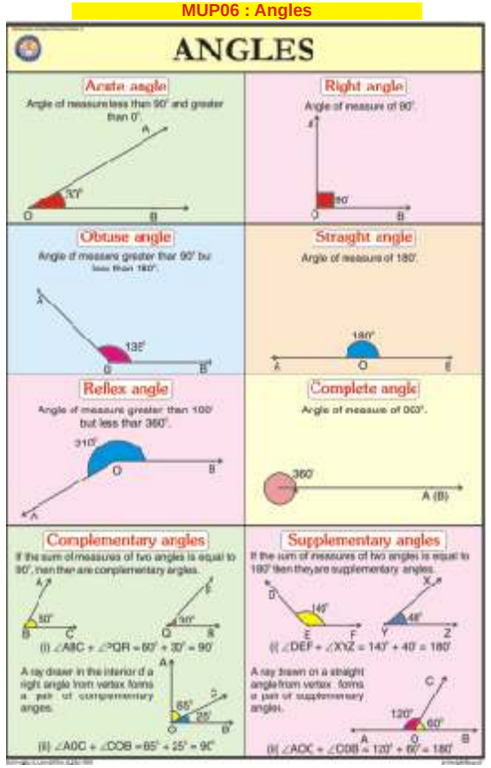


MUP04 : Multiplication of Rational Numbers

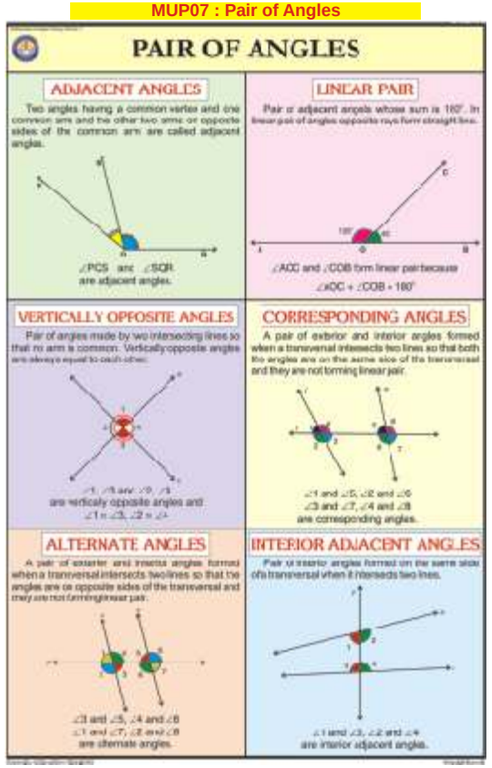
MUP05 : Some Geometrical Concepts



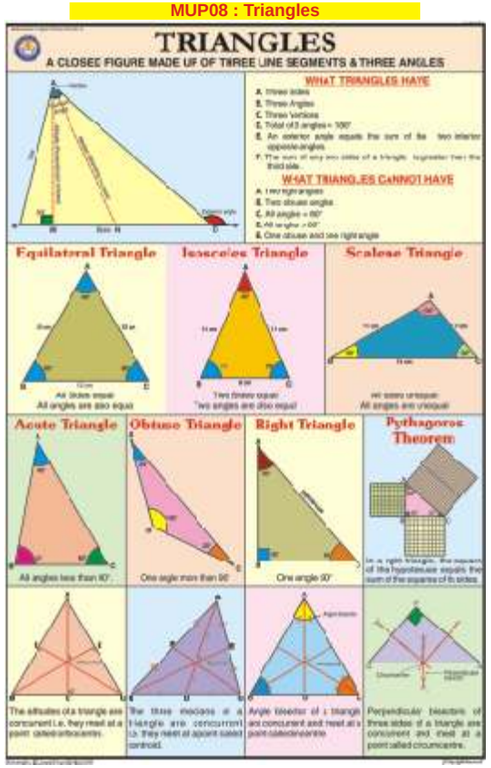
MUP06 : Angles



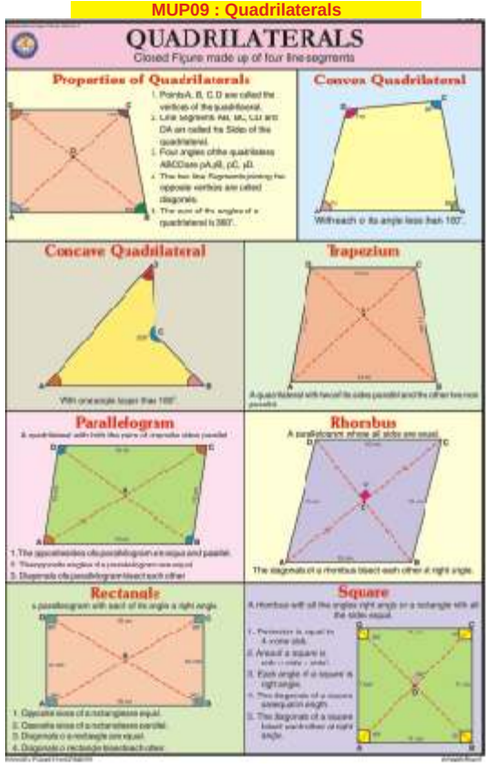
MUP07 : Pair of Angles



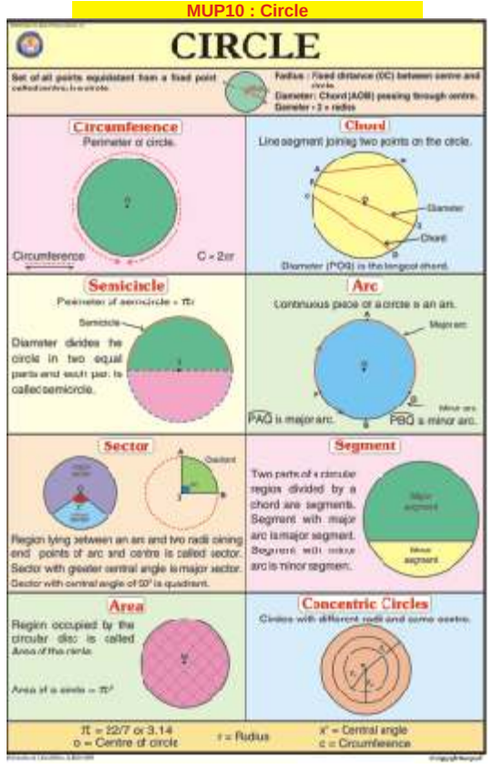
MUP08 : Triangles



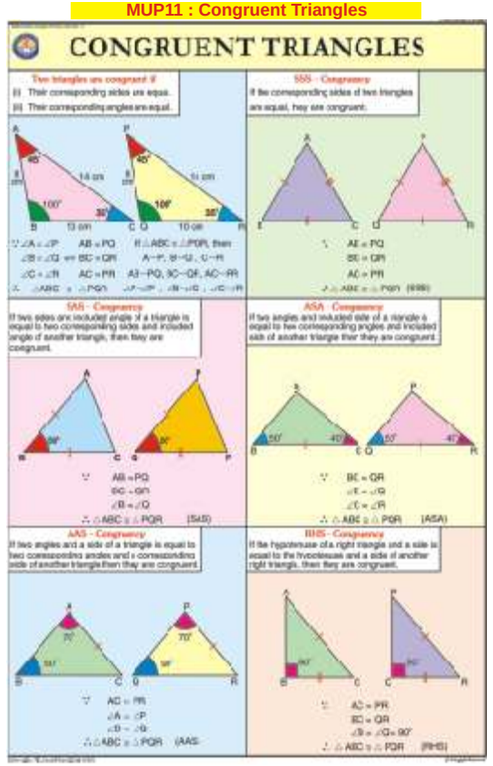
MUP09 : Quadrilaterals



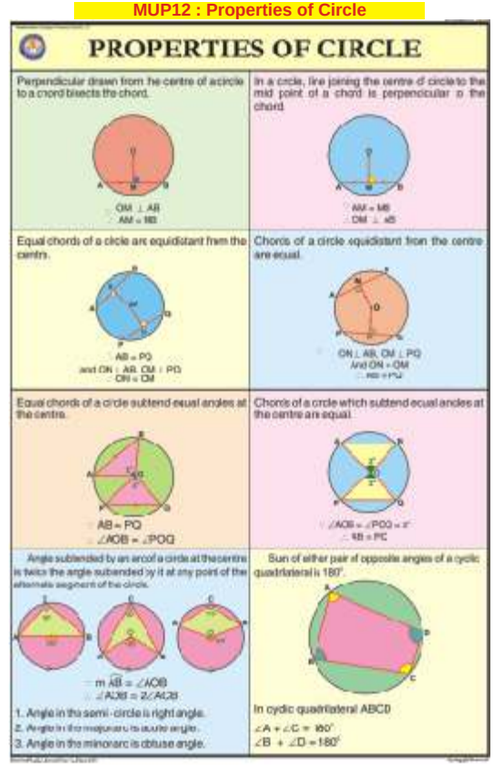
MUP10 : Circle



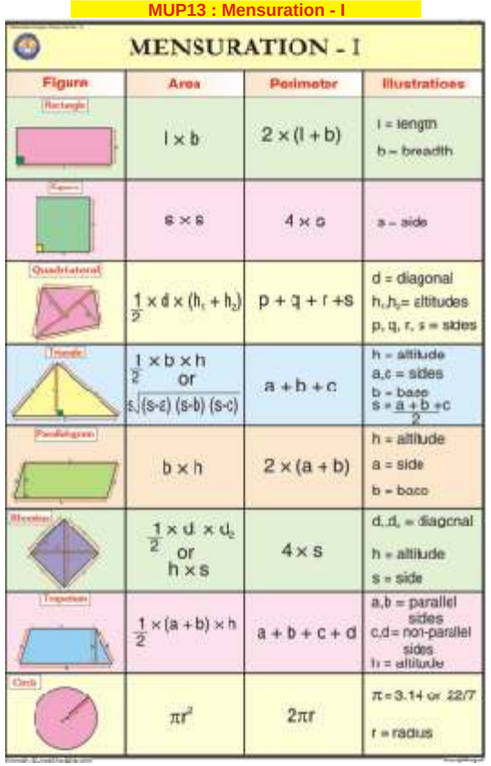
MUP11 : Congruent Triangles



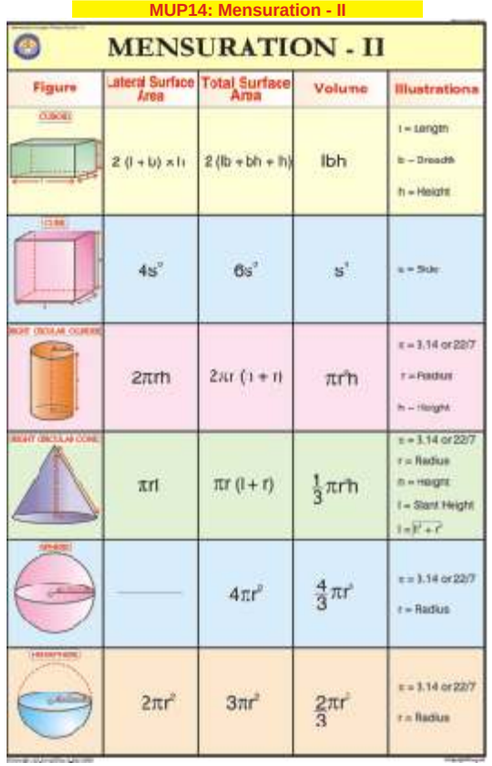
MUP12 : Properties of Circle



MUP13 : Mensuration - I



MUP14: Mensuration - II

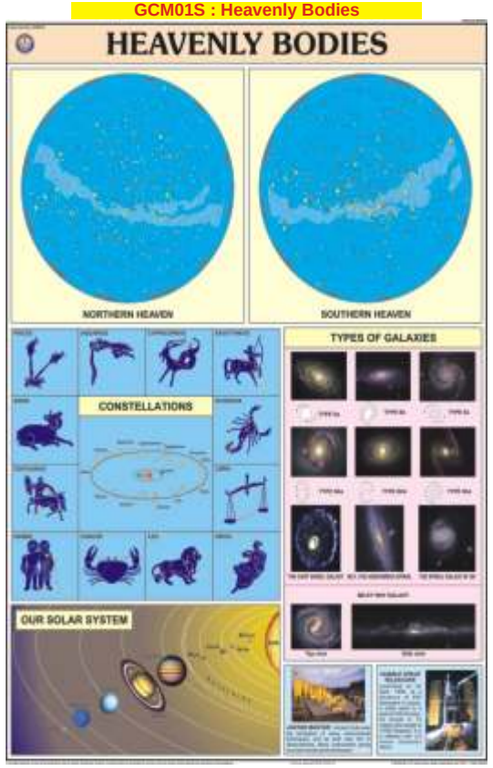


MUP15 : Profit & Loss

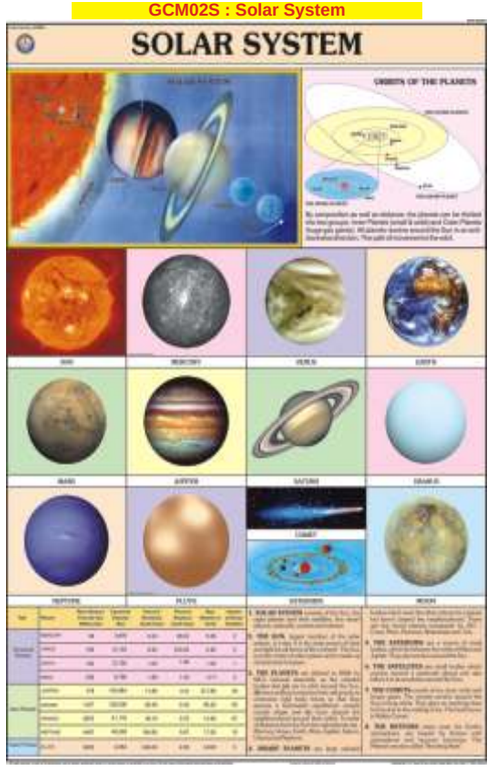
MATHEMATICS UPPER PRIMARY CHARTS

A set of 15 charts, Size 50 x 75 cm
Laminated, (Available in English only and also in English-Hindi Combined)

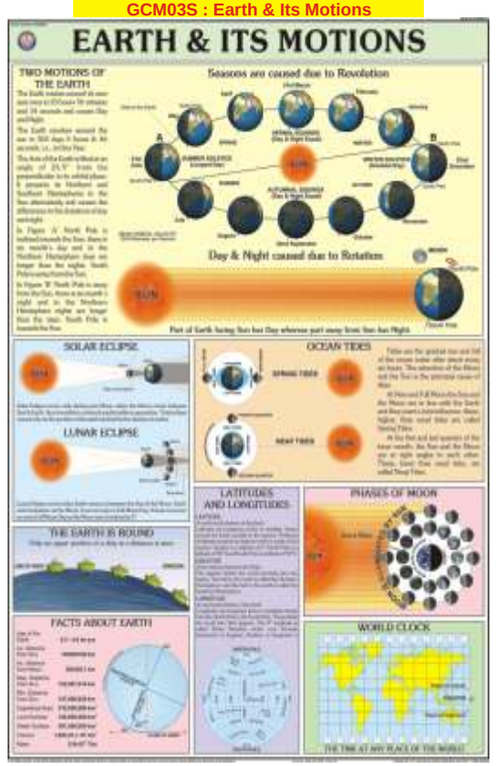
GCM01S : Heavenly Bodies



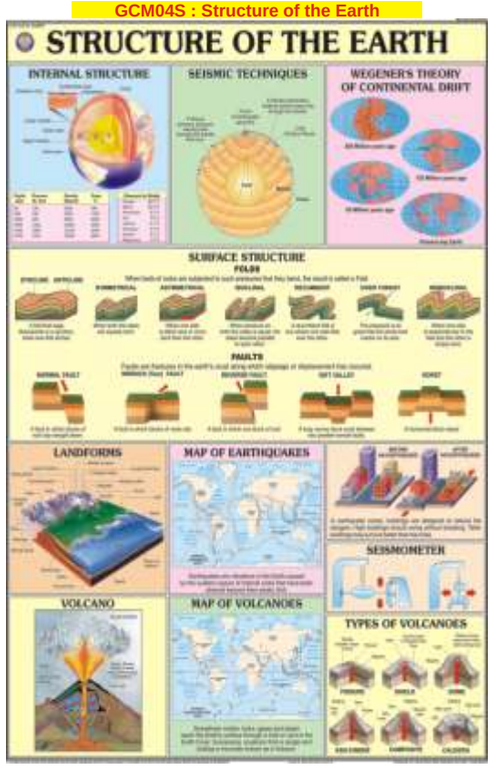
GCM02S : Solar System



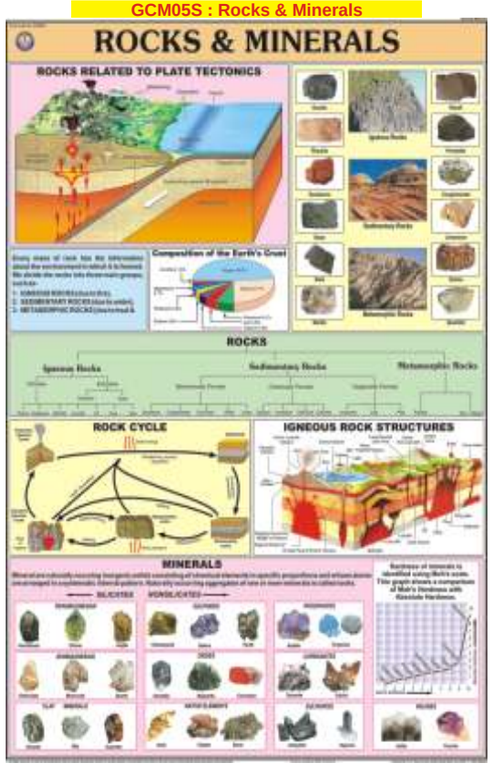
GCM03S : Earth & Its Motions



GCM04S : Structure of the Earth

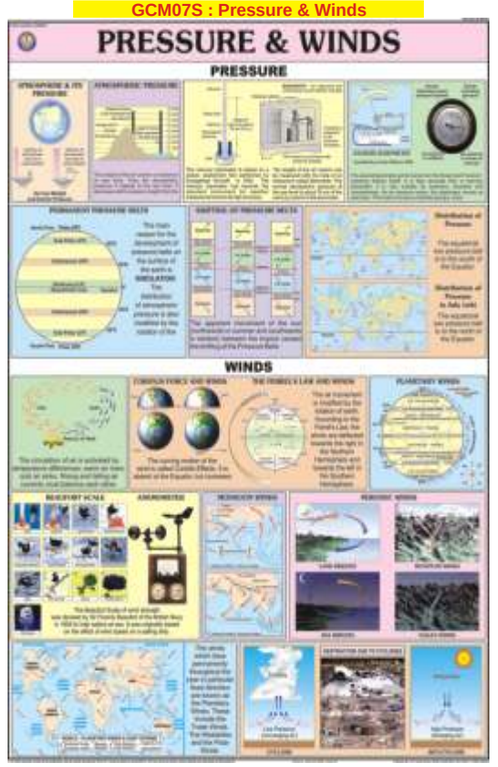


GCM05S : Rocks & Minerals

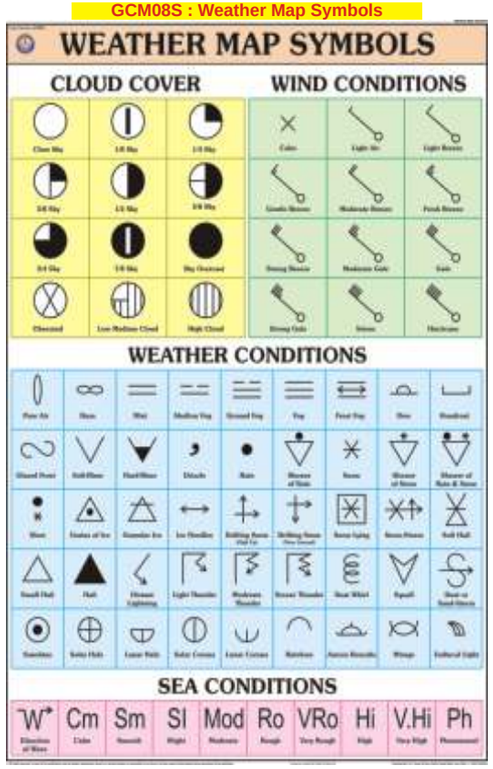


GCM06S : Atmosphere And Space

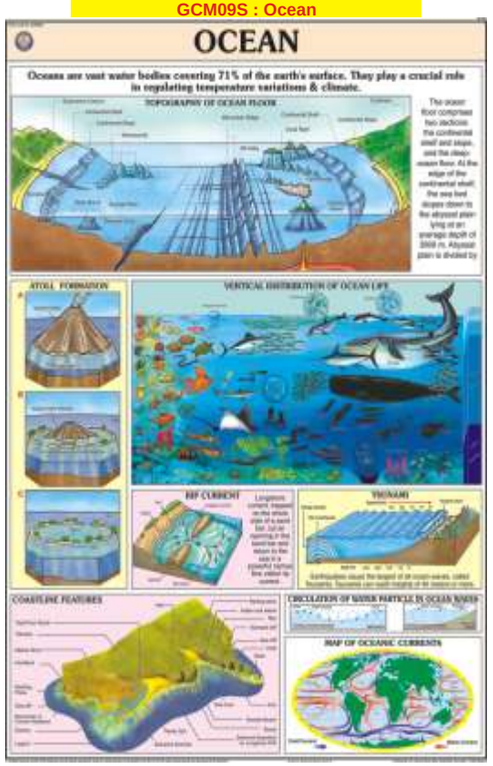
GCM07S : Pressure & Winds



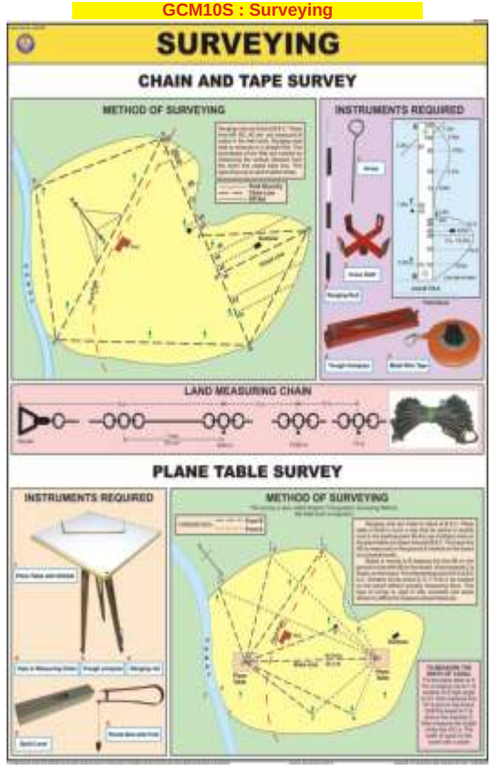
GCM08S : Weather Map Symbols



GCM09S : Ocean

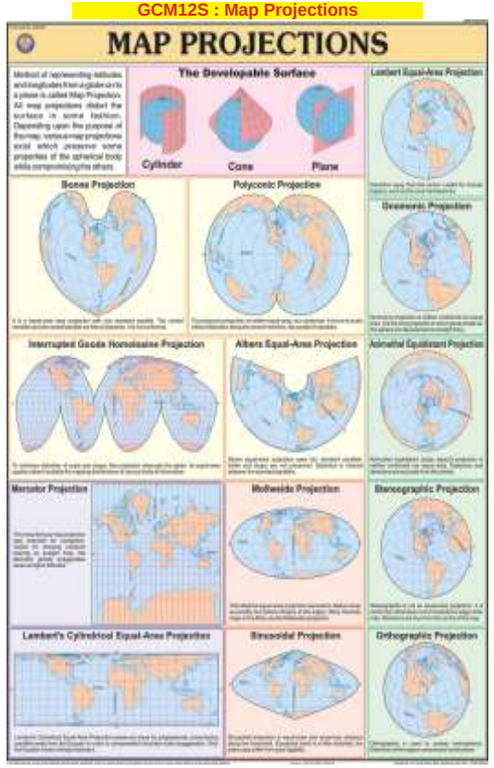


GCM10S : Surveying

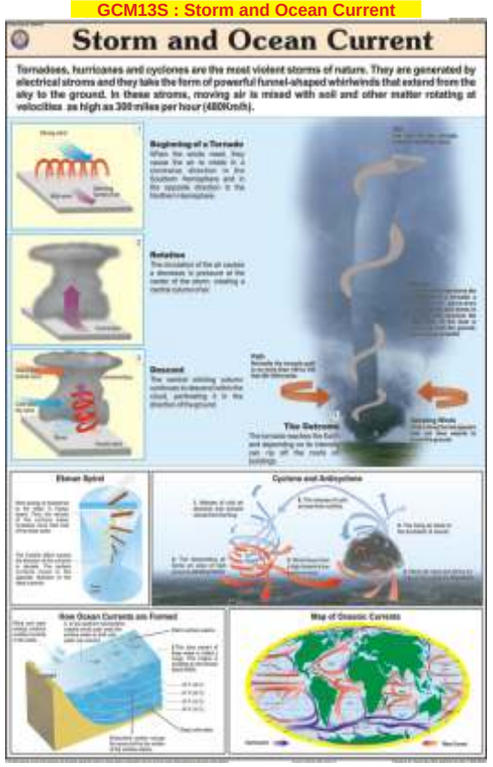


GCM11S : Conventional Signs

GCM12S : Map Projections



GCM13S : Storm and Ocean Current



GEOGRAPHY

CHARTS ON G

A set of 13 charts

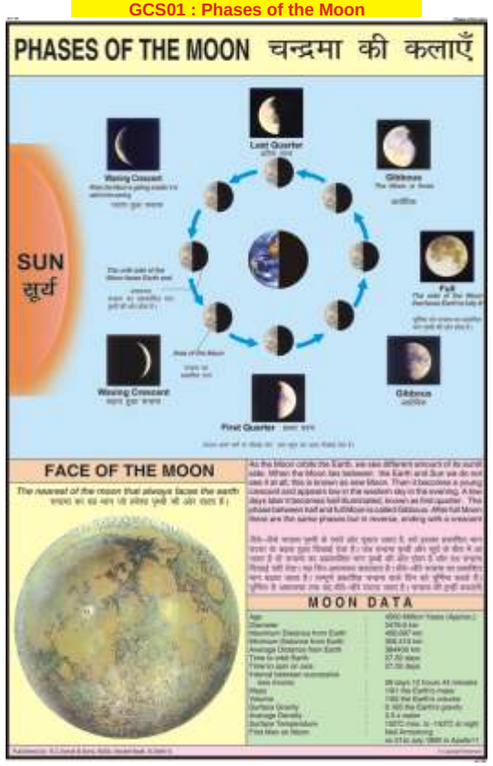
Size 70 x 100 cm, Available in English only (Syn.), Available in English & Hindi Combined (Lam.)

LATEST GEOGRAPHY CHARTS

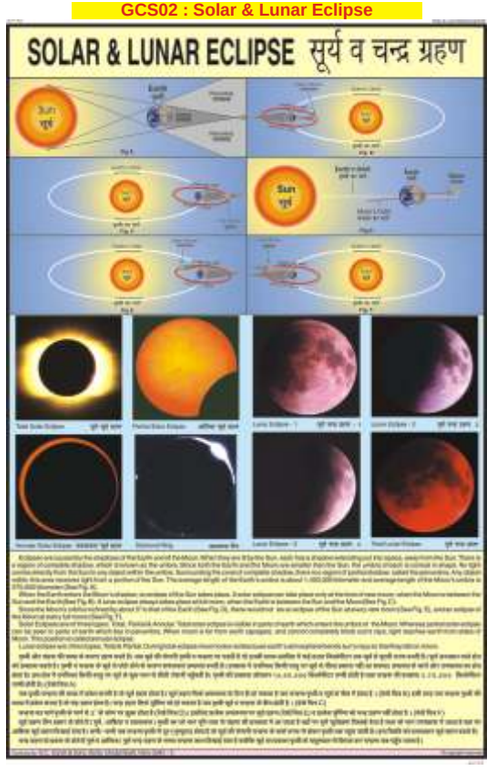
A set of 20 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

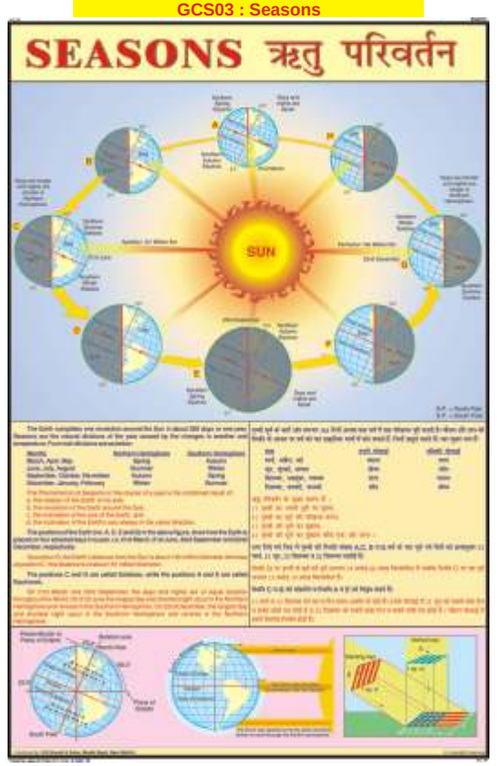
GCS01 : Phases of the Moon



GCS02 : Solar & Lunar Eclipse

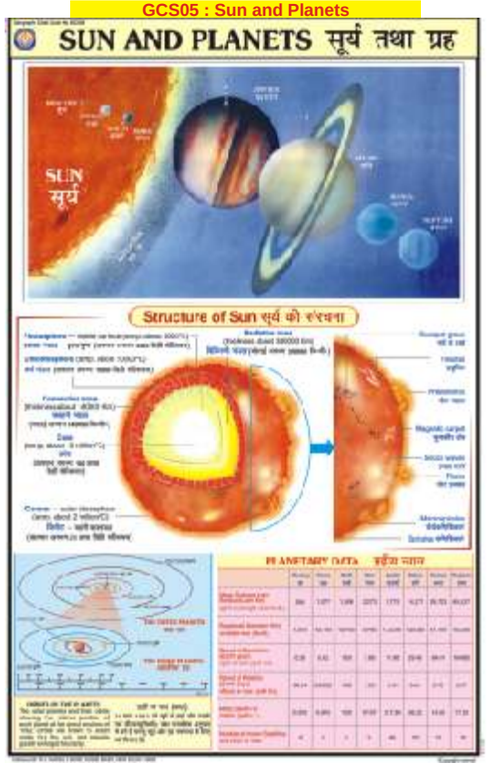


GCS03 : Seasons

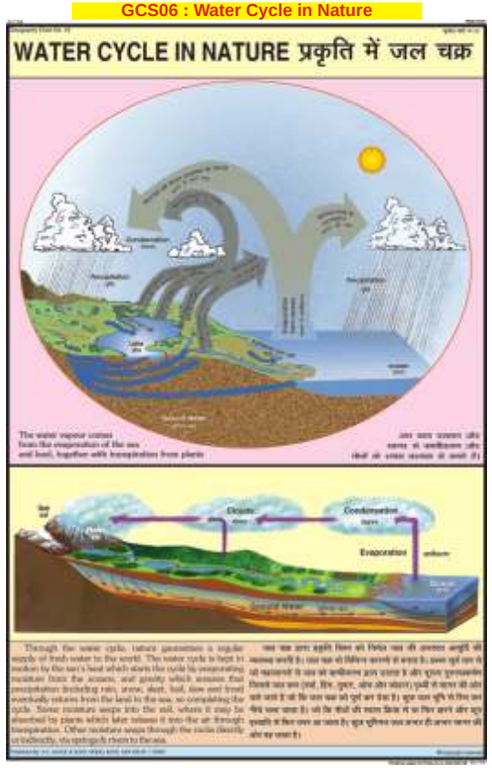


GCS04 : Tides

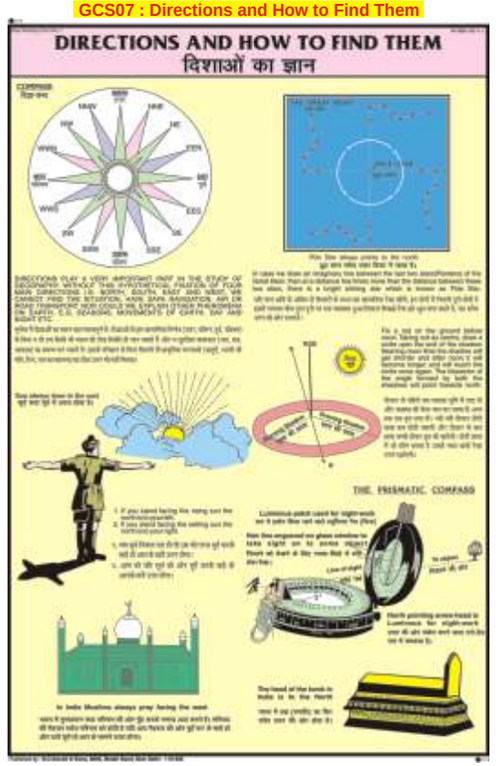
GCS05 : Sun and Planets



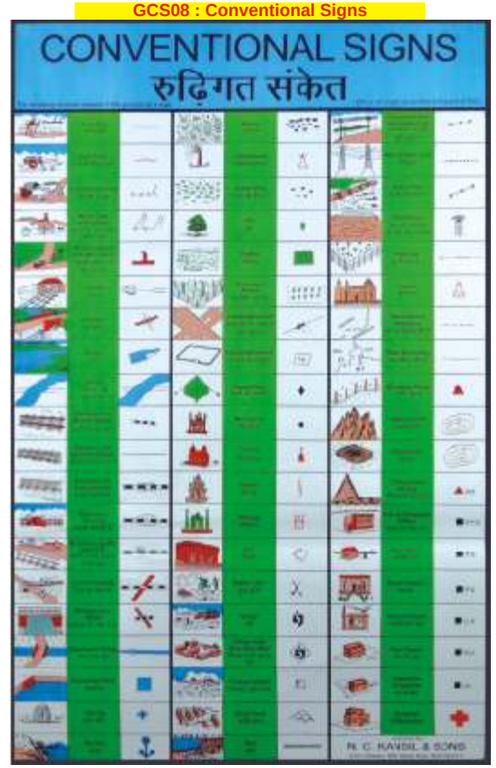
GCS06 : Water Cycle in Nature



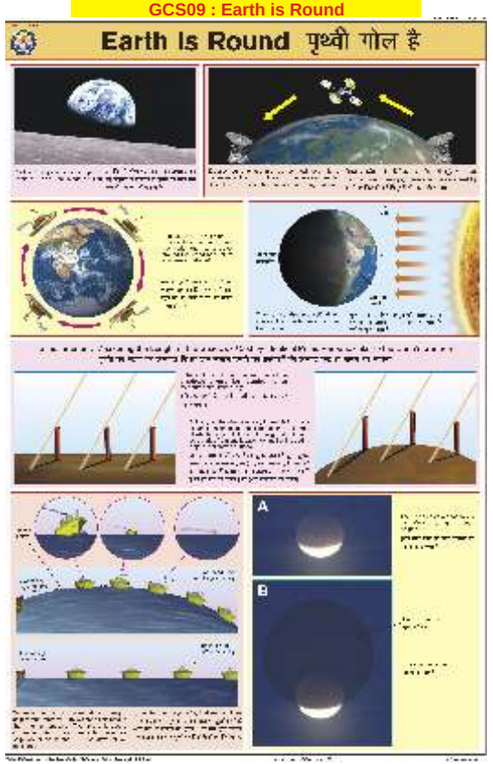
GCS07 : Directions and How to Find Them



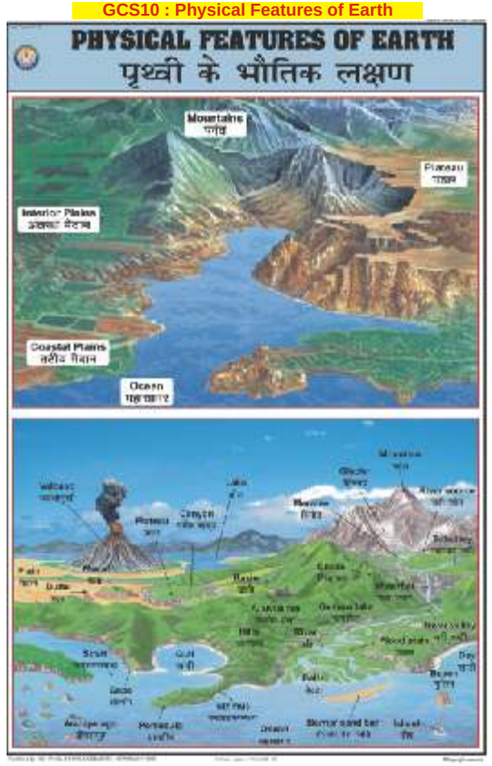
GCS08 : Conventional Signs



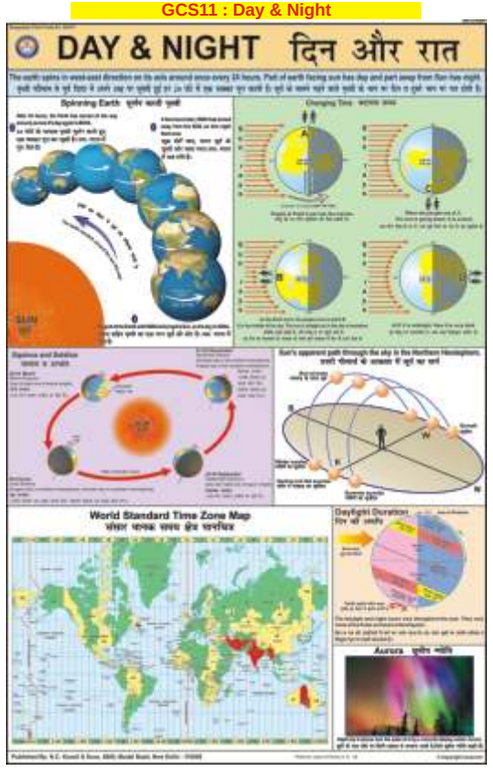
GCS09 : Earth is Round



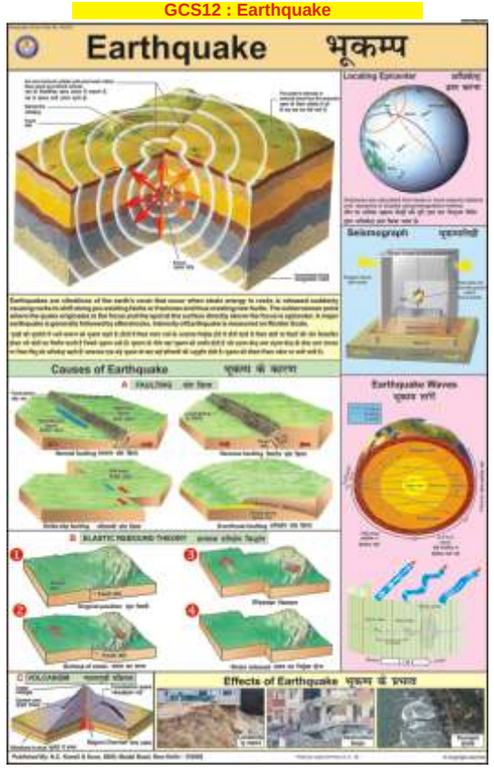
GCS10 : Physical Features of Earth



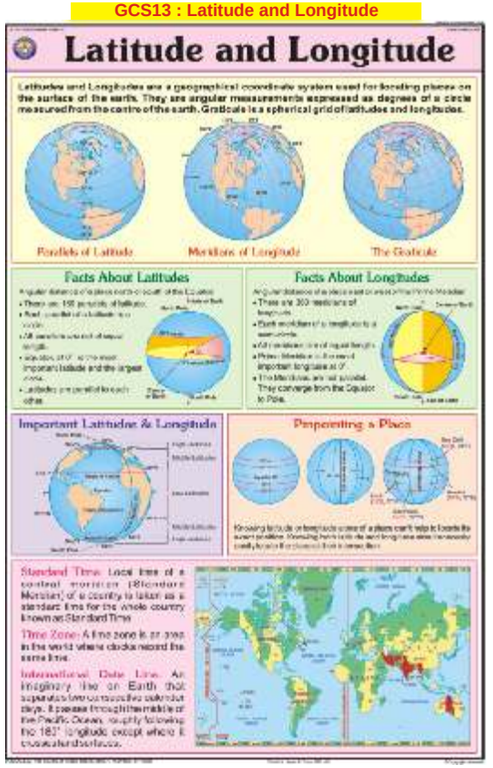
GCS11 : Day & Night



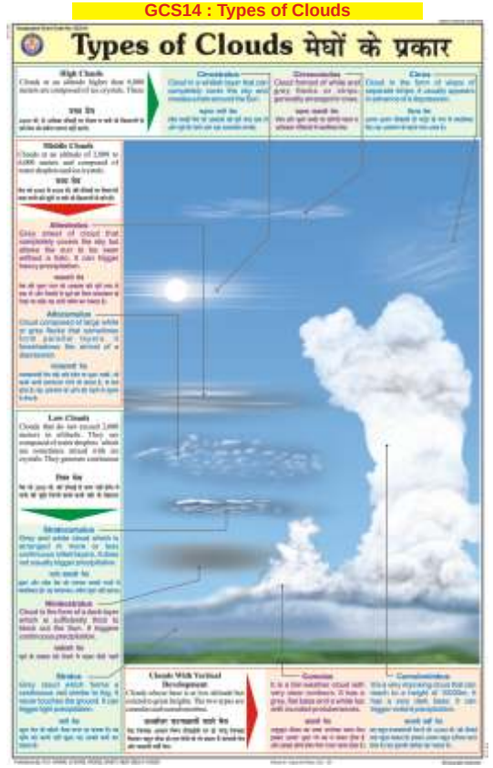
GCS12 : Earthquake



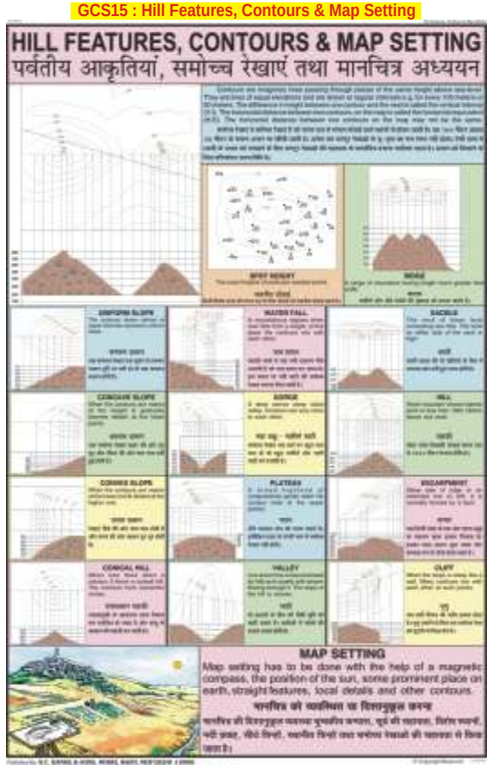
GCS13 : Latitude and Longitude



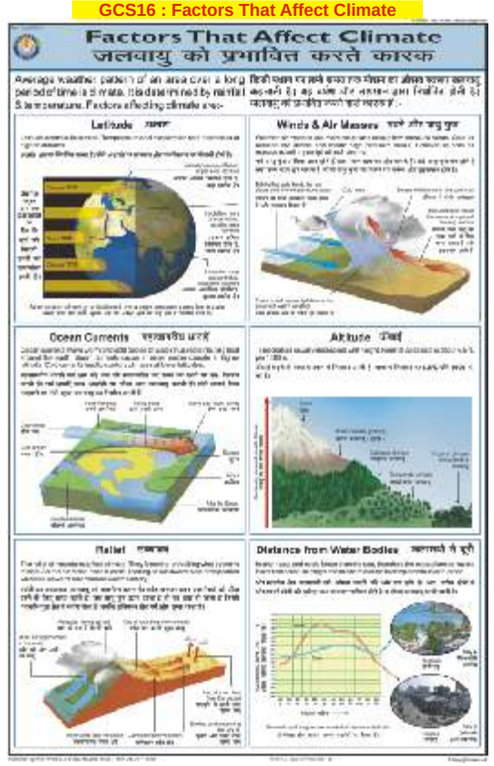
GCS14 : Types of Clouds



GCS15 : Hill Features, Contours & Map Setting



GCS16 : Factors That Affect Climate



LATEST GEOGRAPHY CHARTS

A set of 20 charts

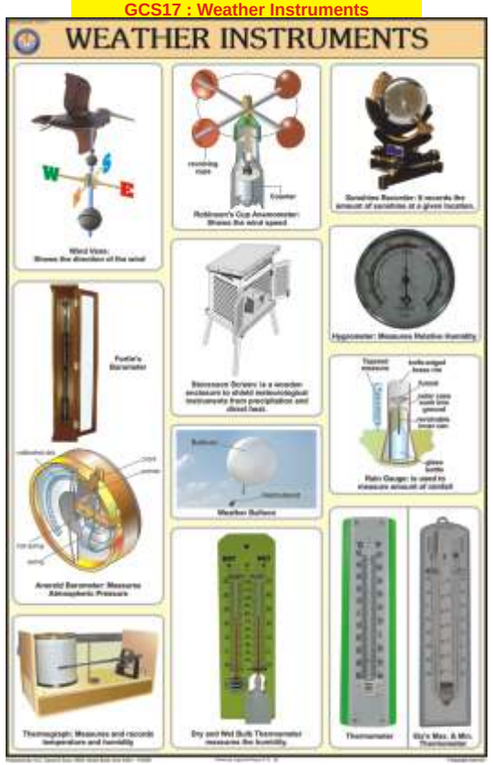
Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

LATEST GEOGRAPHY CHARTS

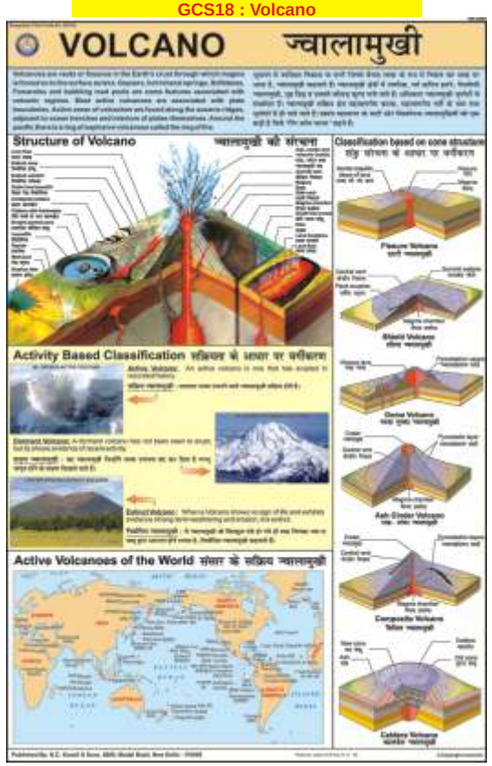
A set of 20 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

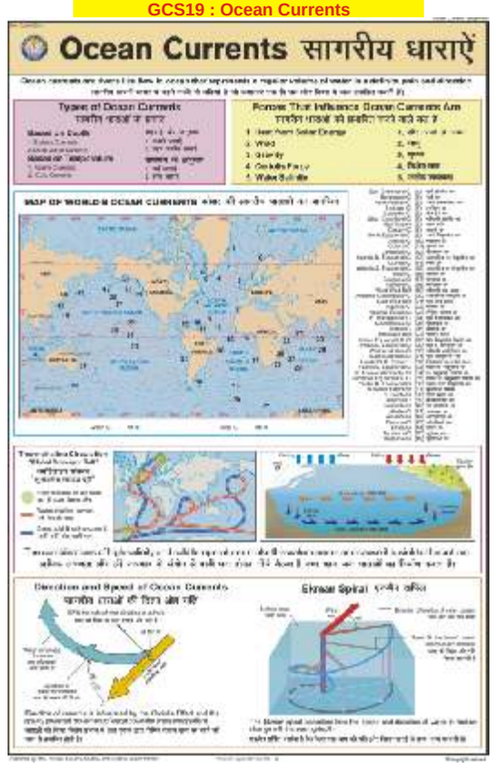
GCS17 : Weather Instruments



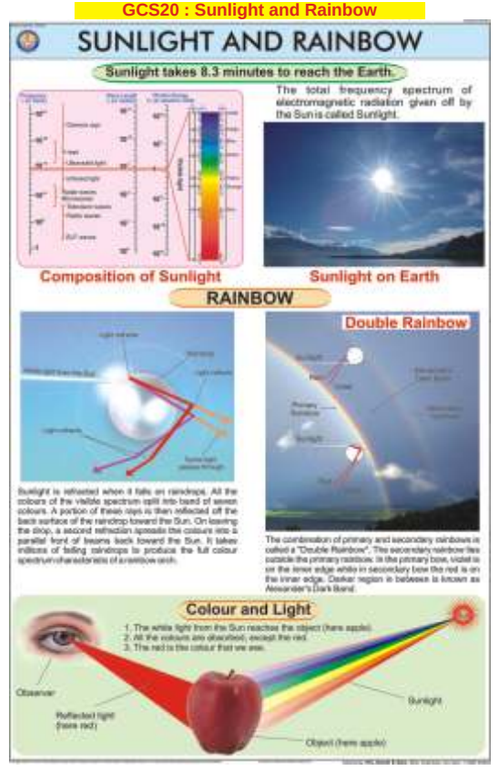
GCS18 : Volcano



GCS19 : Ocean Currents

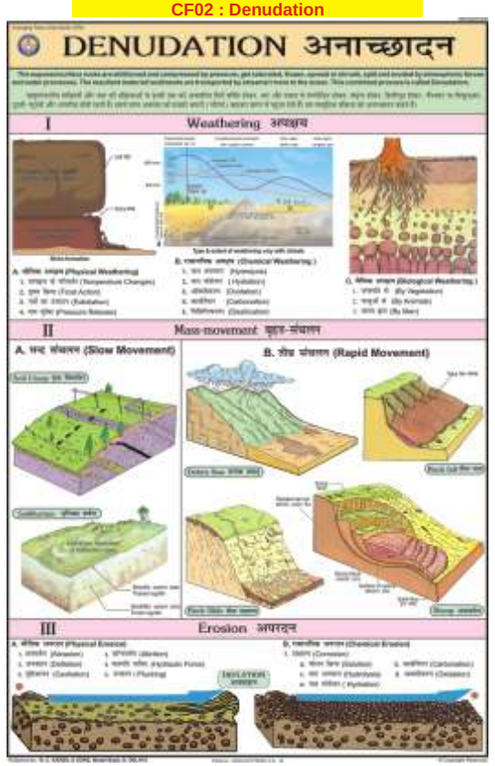


GCS20 : Sunlight and Rainbow

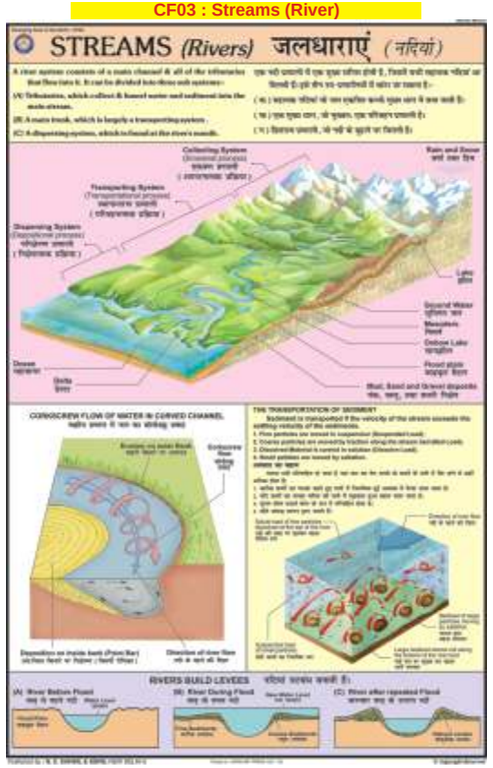


CF01 : Changing Face of the Earth

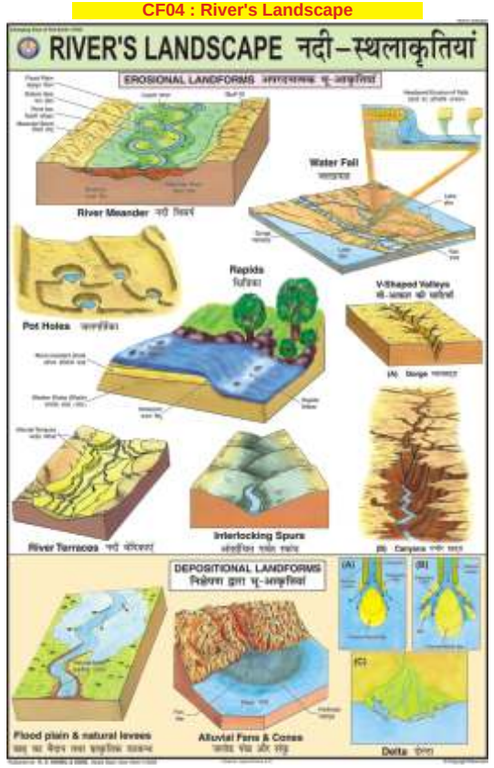
CF02 : Denudation



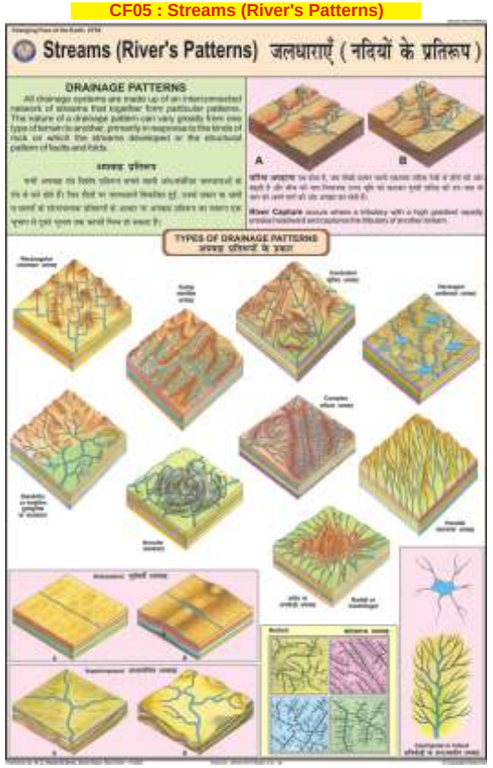
CF03 : Streams (River)



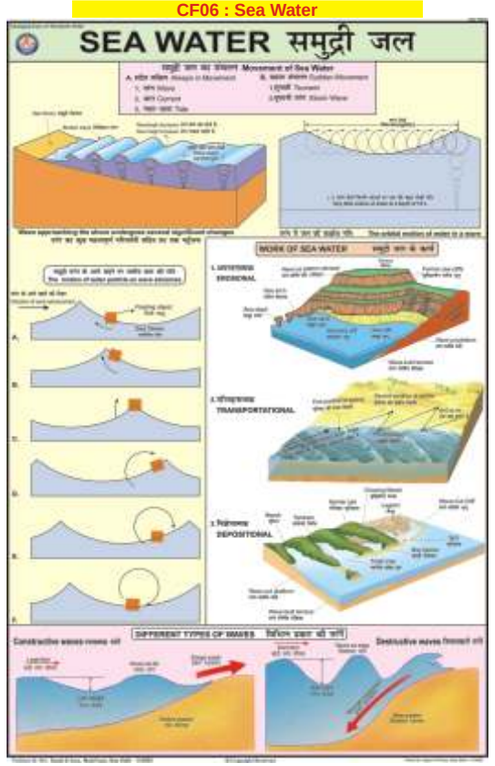
CF04 : River's Landscape



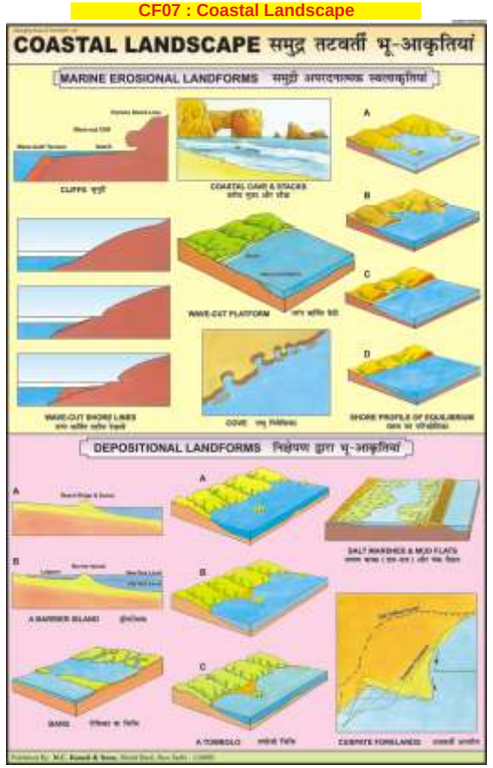
CF05 : Streams (River's Patterns)



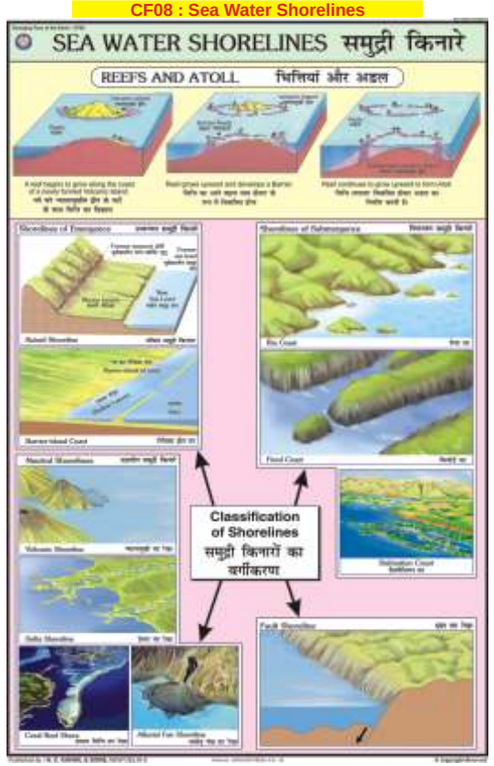
CF06 : Sea Water



CF07 : Coastal Landscape



CF08 : Sea Water Shorelines



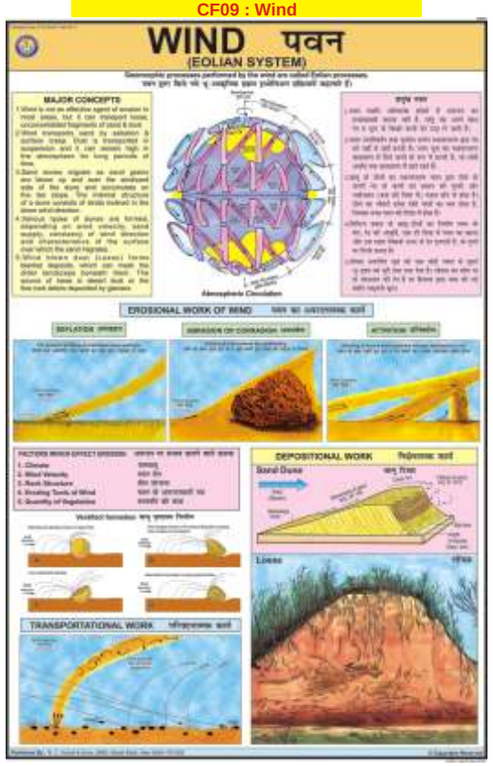
CHANGING FACE OF THE EARTH
A set of 15 charts
Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

CHANGING FACE OF THE EARTH

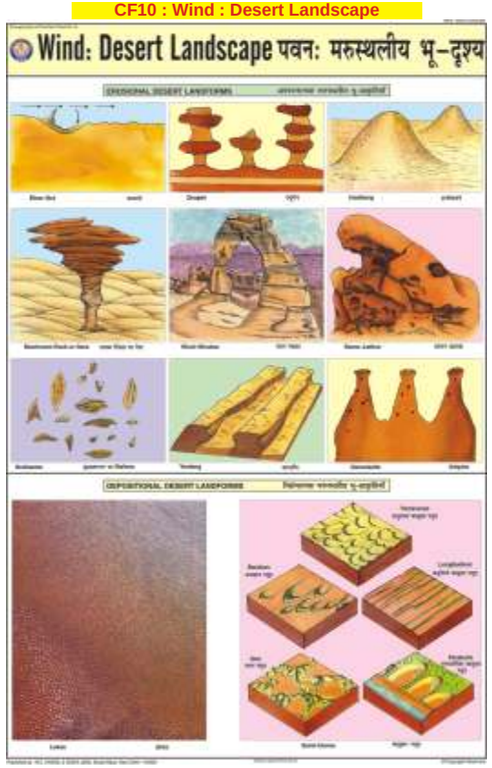
A set of 15 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

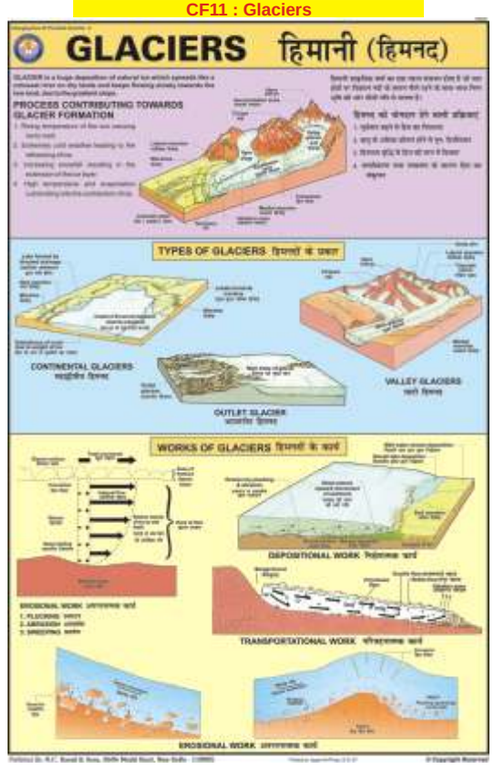
CF09 : Wind



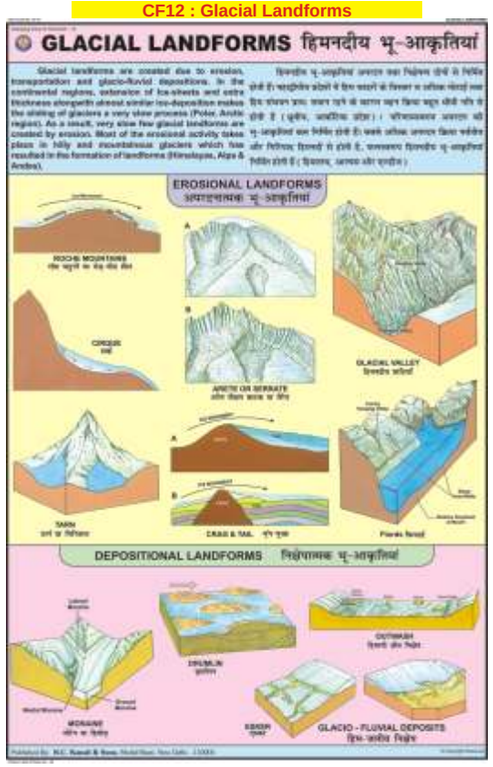
CF10 : Wind : Desert Landscape



CF11 : Glaciers

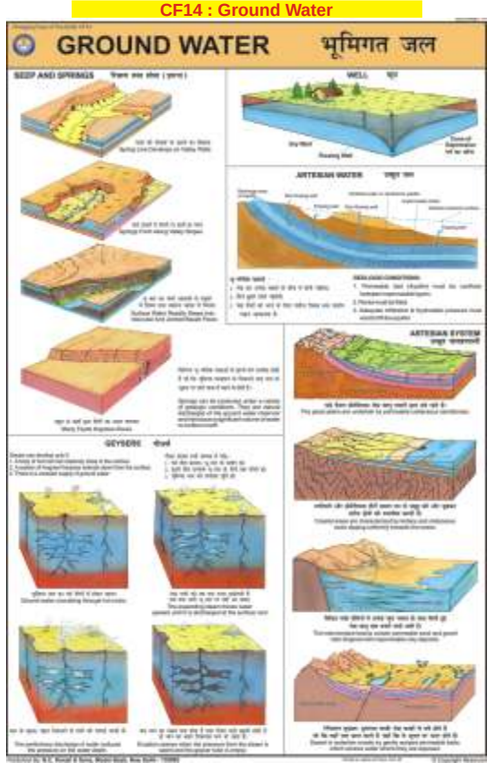


CF12 : Glacial Landforms

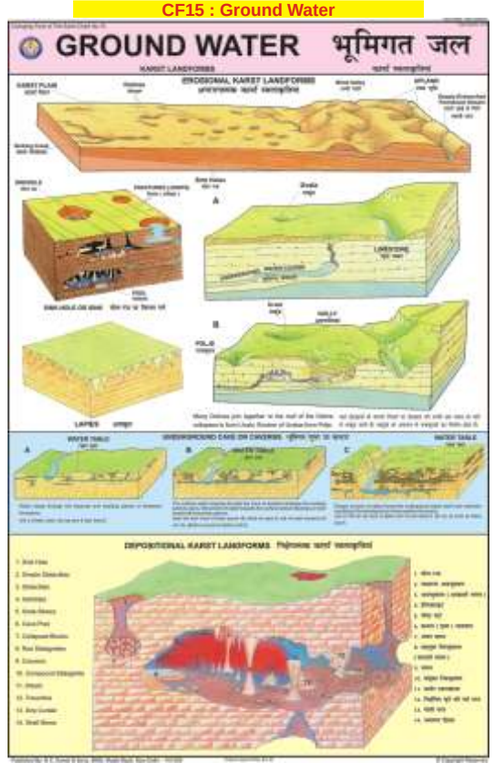


CF13 : Ground Water

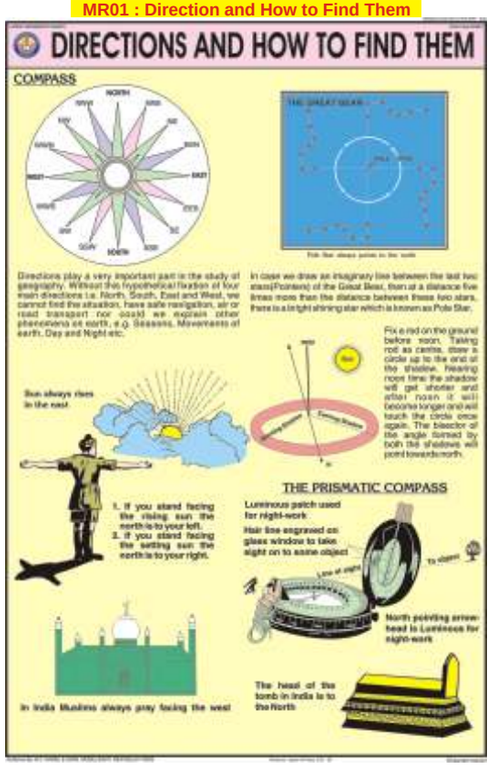
CF14 : Ground Water



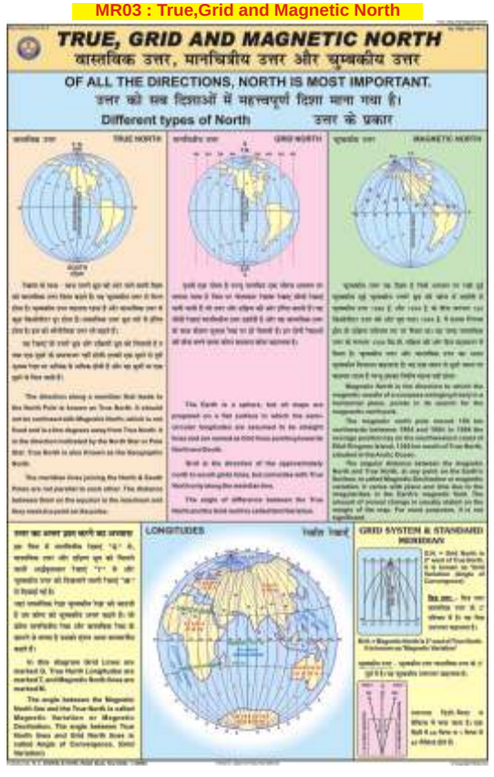
CF15 : Ground Water



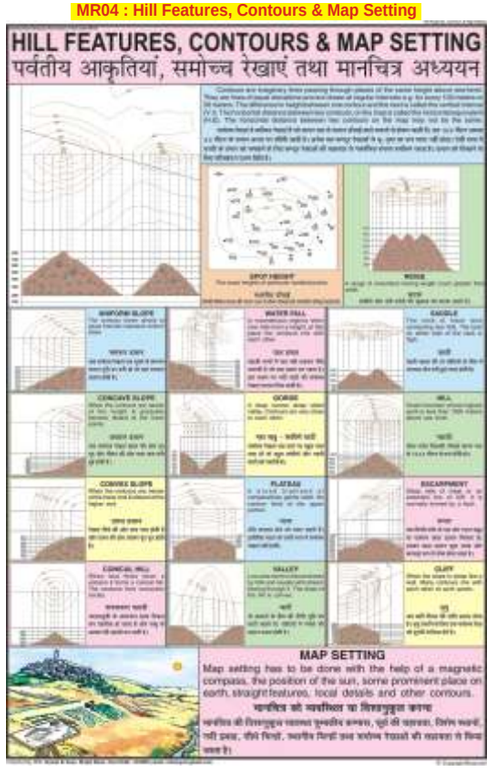
MR01 : Direction and How to Find Them



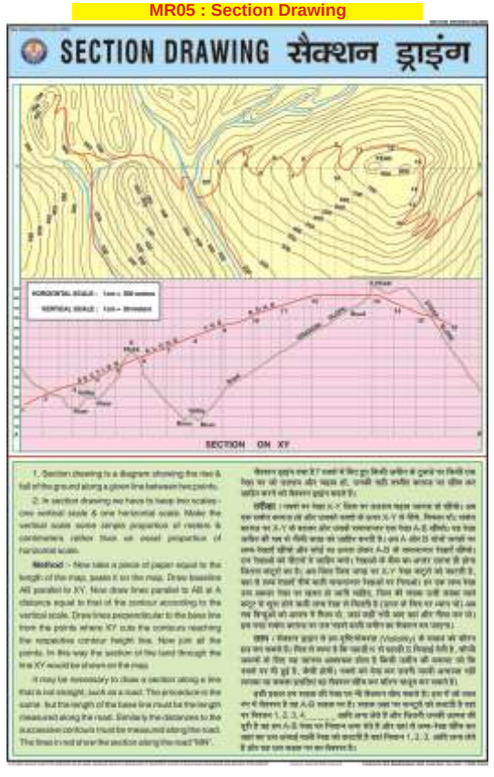
MR03 : True,Grid and Magnetic North



MR04 : Hill Features, Contours & Map Setting



MR05 : Section Drawing

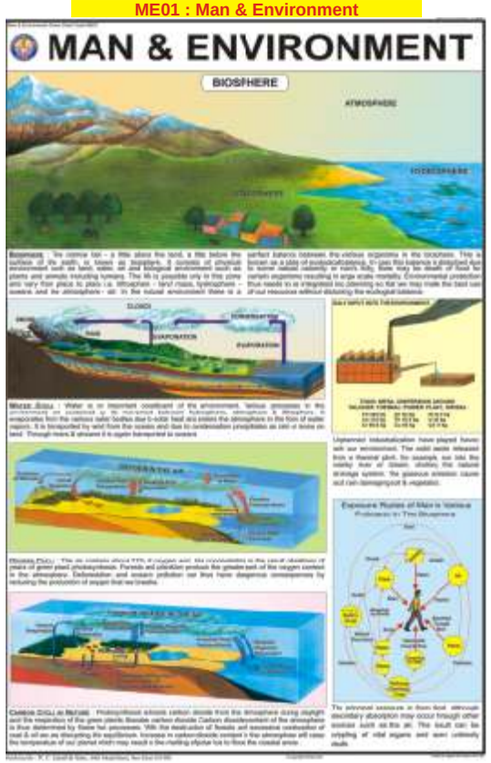


MAN AND ENVIRONMENT

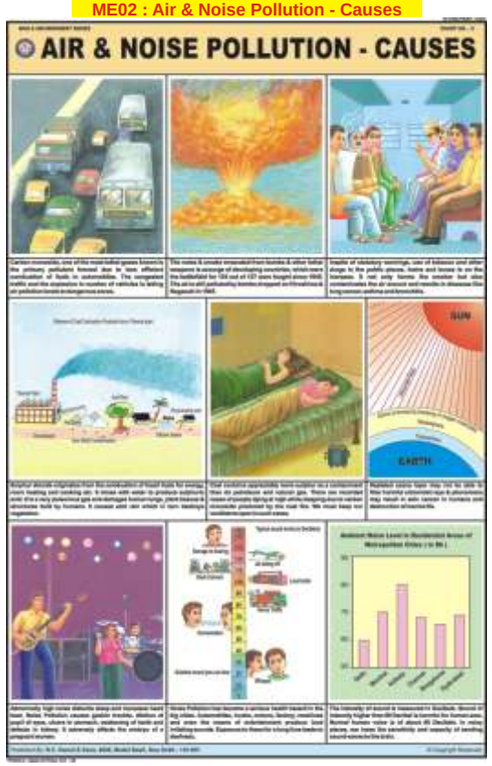
A set of 10 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Separately)

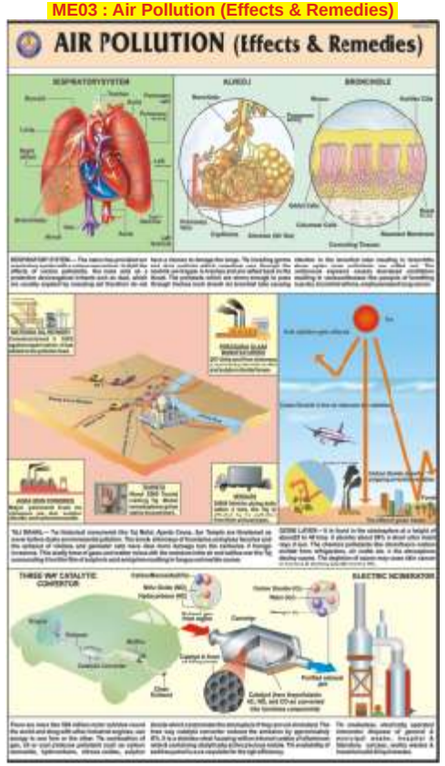
ME01 : Man & Environment



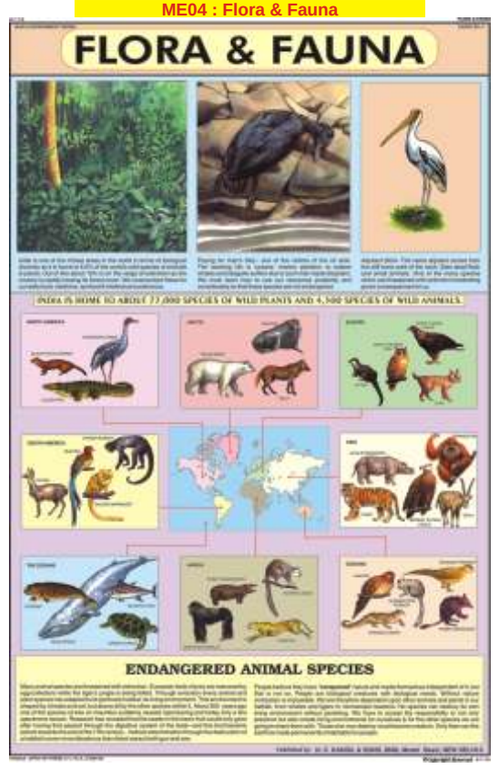
ME02 : Air & Noise Pollution - Causes



ME03 : Air Pollution (Effects & Remedies)



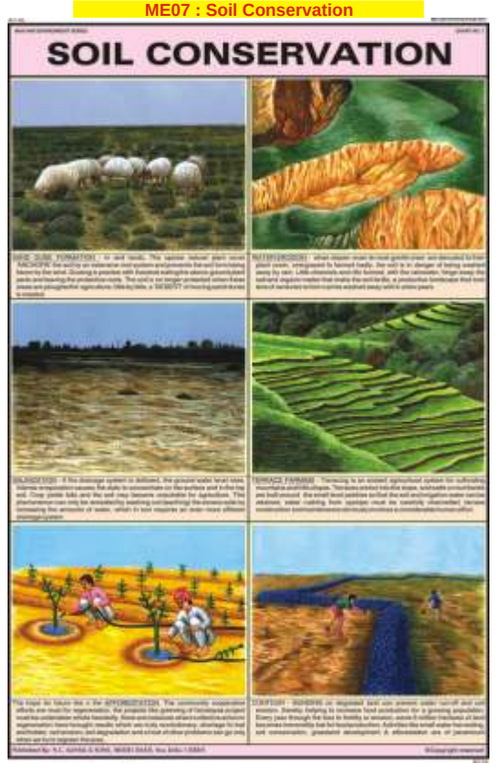
ME04 : Flora & Fauna



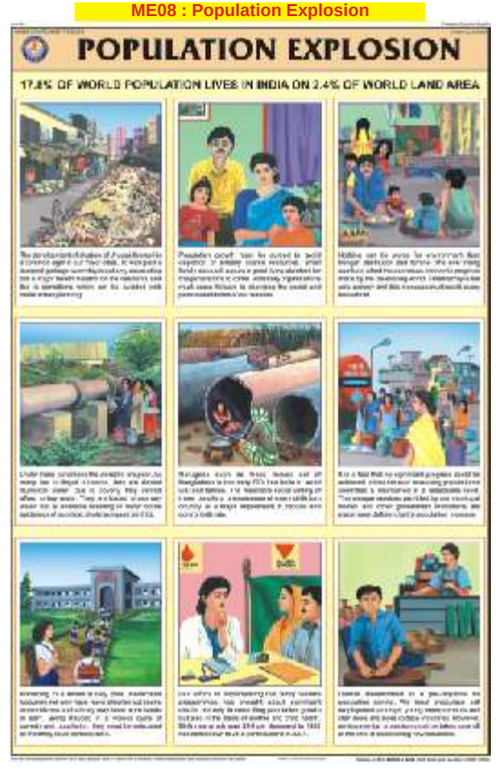
ME05 : Water Pollution

ME06 : Impact of Forests

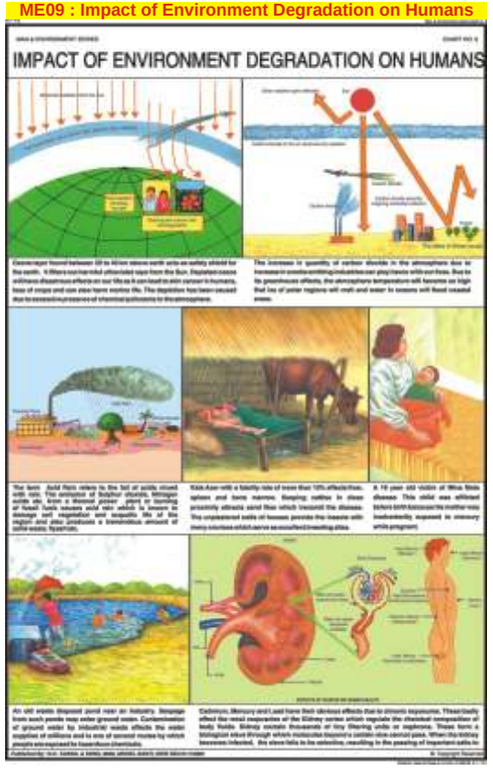
ME07 : Soil Conservation



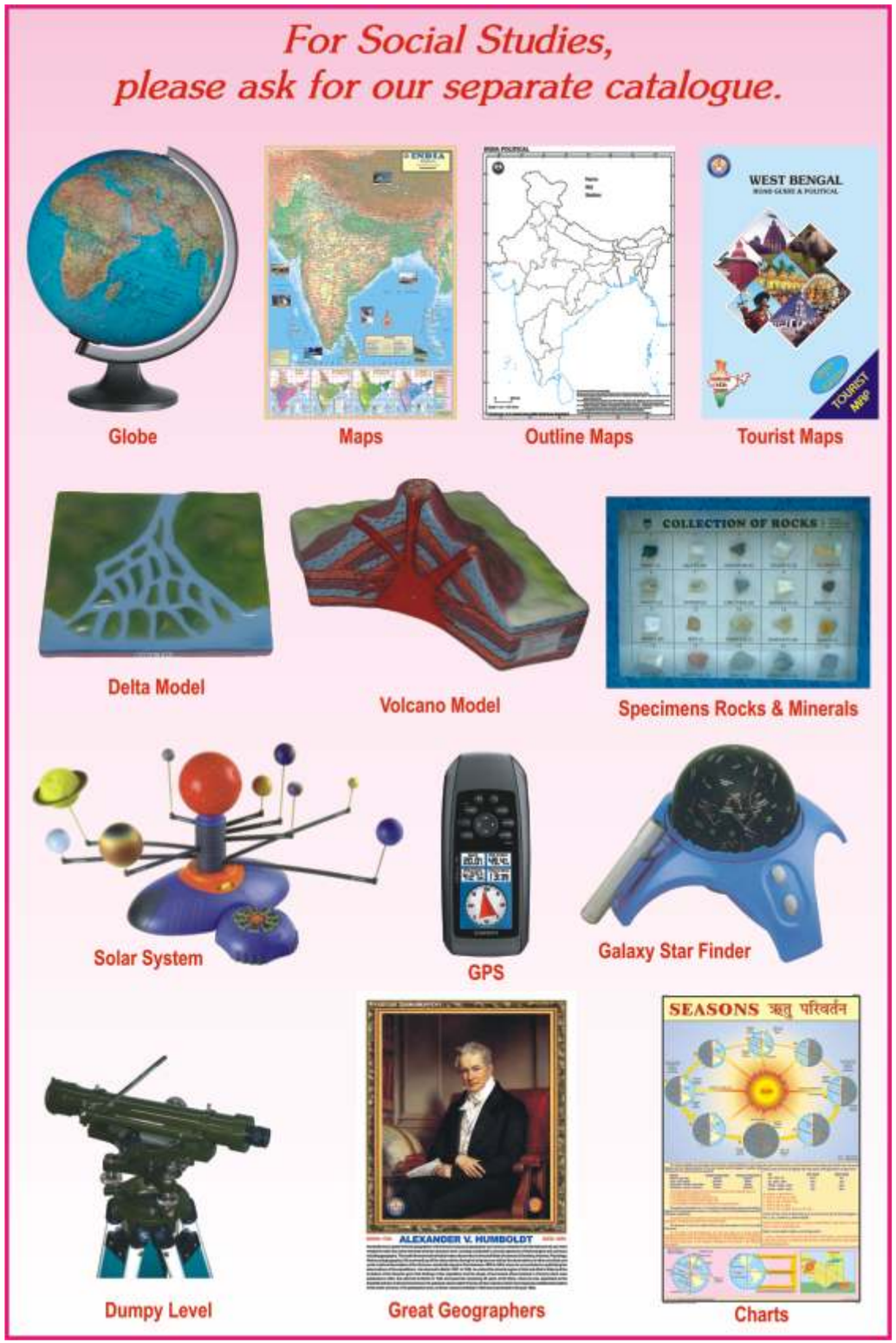
ME08 : Population Explosion



ME09 : Impact of Environment Degradation on Humans



ME10 : Non-Conventional Sources of Energy



MAN AND ENVIRONMENT

A set of 10 charts

Laminated, Size 50 x 75 cm (Available in English and Hindi Separately)

WEATHER MAPS OF INDIA

A set of 12 maps

Synthetic, Size 70 x 100 cm (Available in English only)

WMI01 : Weather Map of India (January)

WMI02 : Weather Map of India (February)

WMI03 : Weather Map of India (March)

WMI04 : Weather Map of India (April)

WMI05 : Weather Map of India (May)

WMI06 : Weather Map of India (June)

WMI07 : Weather Map of India (July)

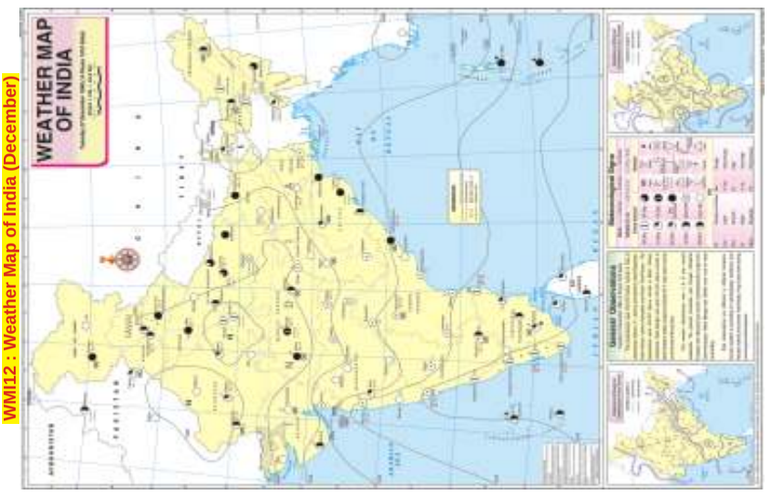
WMI08 : Weather Map of India (August)

WEATHER MAPS OF INDIA

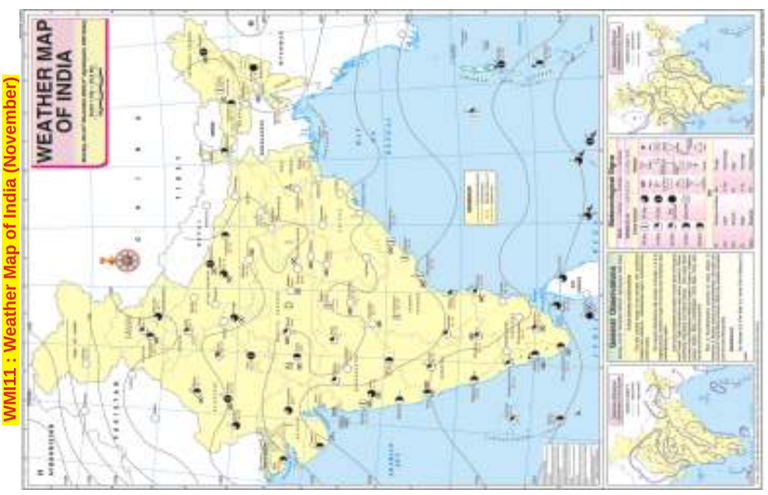
A set of 12 maps

Synthetic, Size 70 x 100 cm (Available in English only)

WMI12 : Weather Map of India (December)

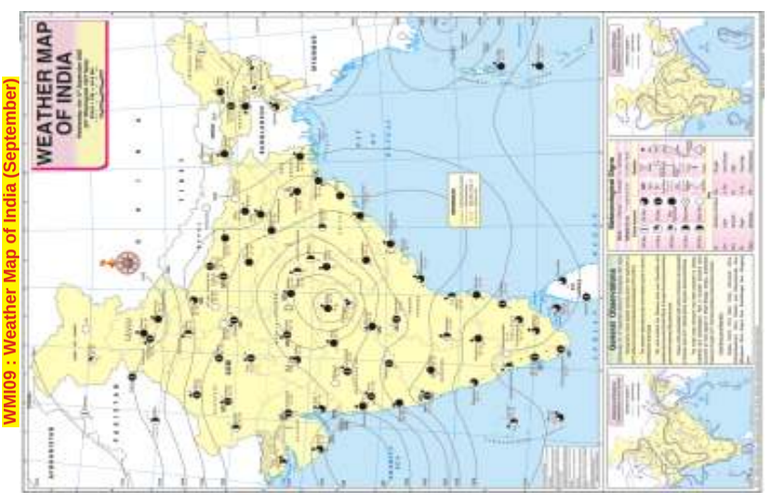


WMI11 : Weather Map of India (November)



WMI10 : Weather Map of India (October)

WMI09 : Weather Map of India (September)



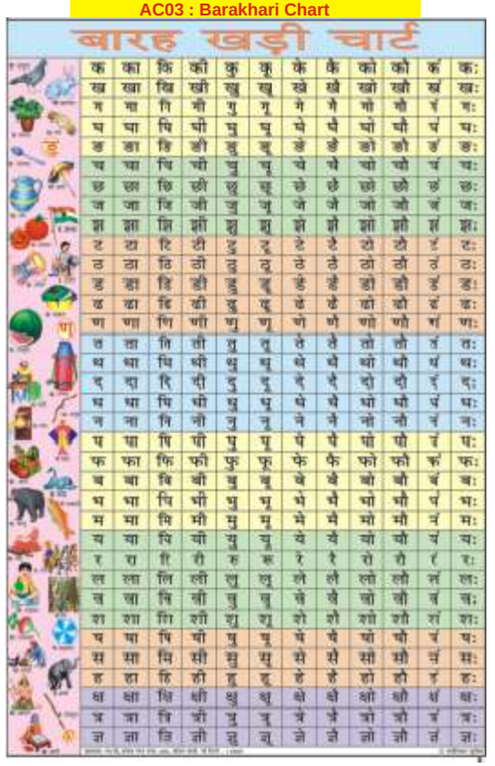
ALPHABET CHARTS

Laminated, Size 70 x 100 cm

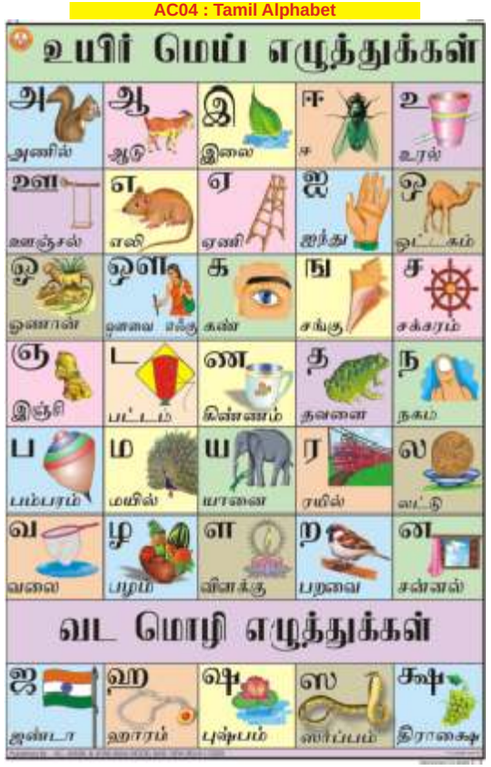
AC01 : English Alphabet

AC02 : Hindi Varnamala

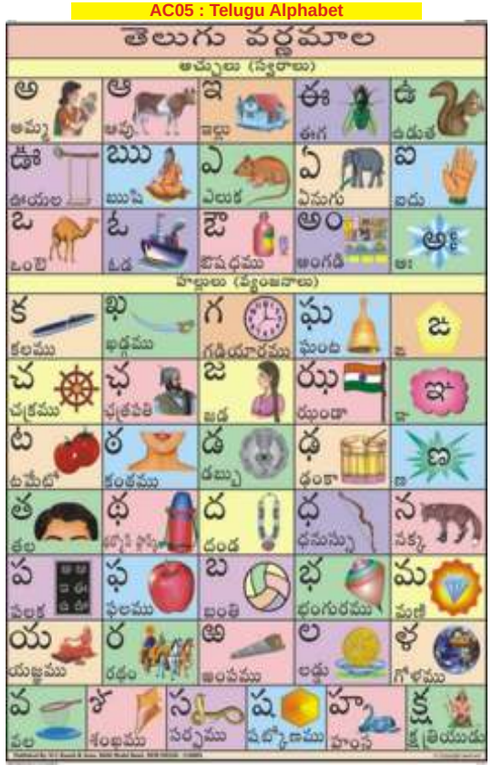
AC03 : Barakhari Chart



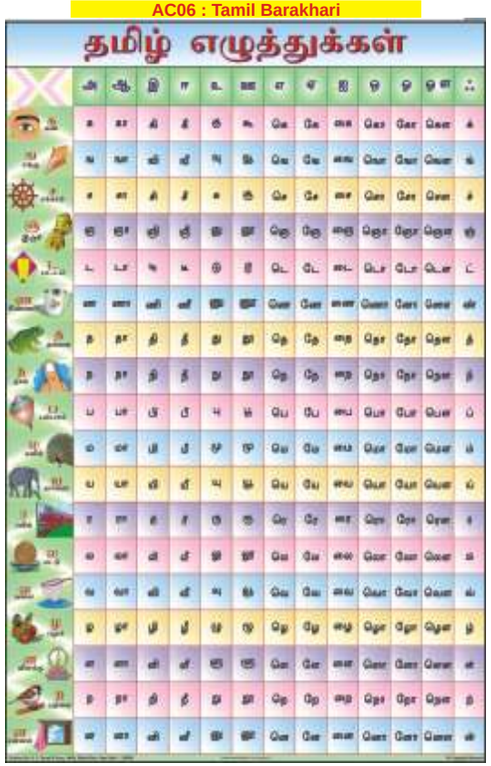
AC04 : Tamil Alphabet



AC05 : Telugu Alphabet



AC06 : Tamil Barakhari



AC07 : Telugu Barakhari

AC08 : Malayalam Alphabet

CC01 : Animals

CC03 : Birds

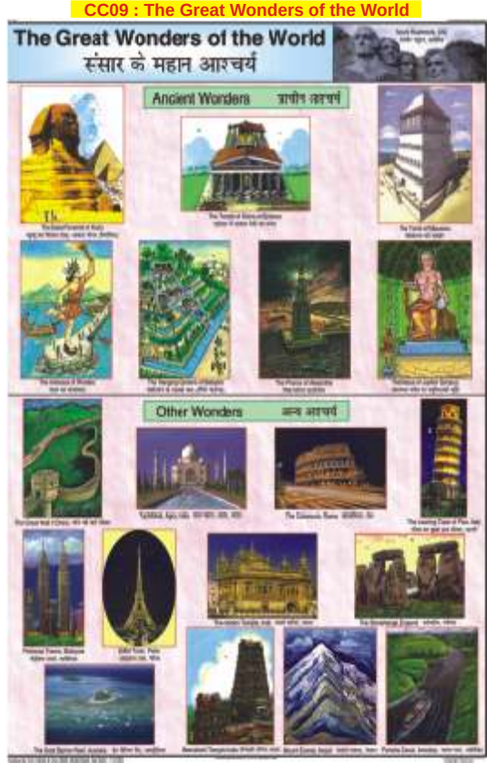
CC05 : Vegetables

CC06 : Fruits

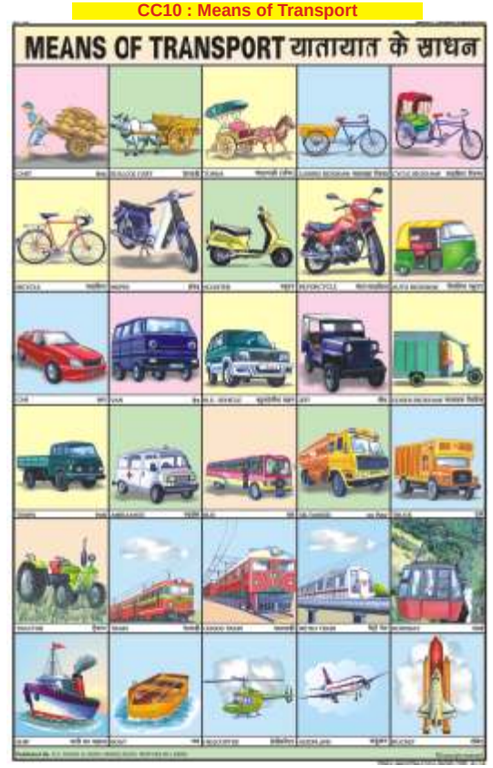
CC07 : Symbols of National Unity

CC08 : Flowers

CC09 : The Great Wonders of the World



CC10 : Means of Transport



SPECIAL CHARTS FOR CHILDREN

Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

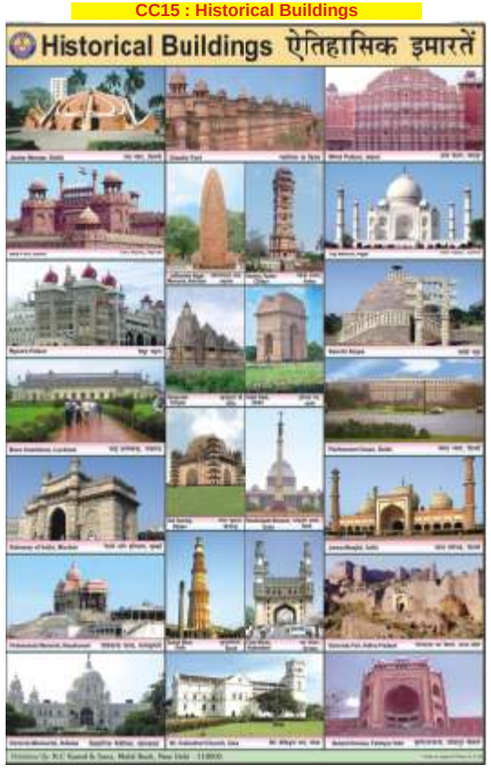
CC11 : Road Traffic Signs

CC12 : Health Rules

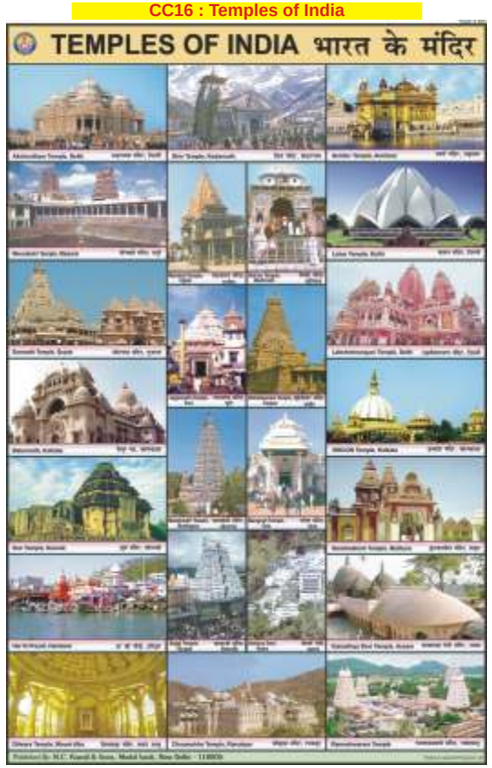
CC13 : Parts of Human Body

CC14 : Flags of Nations

CC15 : Historical Buildings



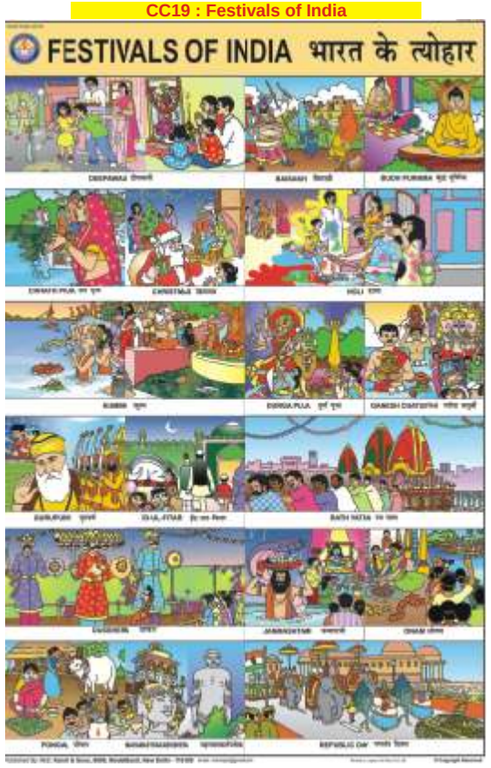
CC16 : Temples of India



CC17 : Good Manners

CC18 : Good Habits

CC19 : Festivals of India



CC20 : Dances of India

The following titles are available in size 70 x 100 cm, Laminated, English and Hindi combined

Chart Code	Title
CC51	Animals
CC52	Birds
CC53	Vegetables
CC54	Fruits
CC55	Flowers
CC56	Great Wonders of the world
CC57	Means of Transport
CC58	Road Traffic Signs
CC59	Parts of Body
CC60	Flags of all Nations

For Mathematics Lab
please ask for our separate catalogue.

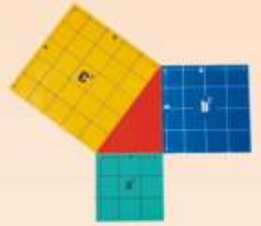

Abacus


Drawing Models


Cubes

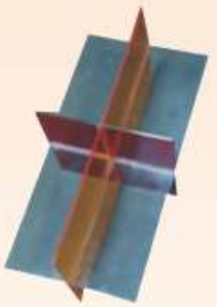

Palm Clock


Bucket Balance


Jr. Pythagorus Theorem


Kitchen Balance


Transparencies


OCTANT 3-D

Charts


Portraits of Mathematicians


Geometry Box

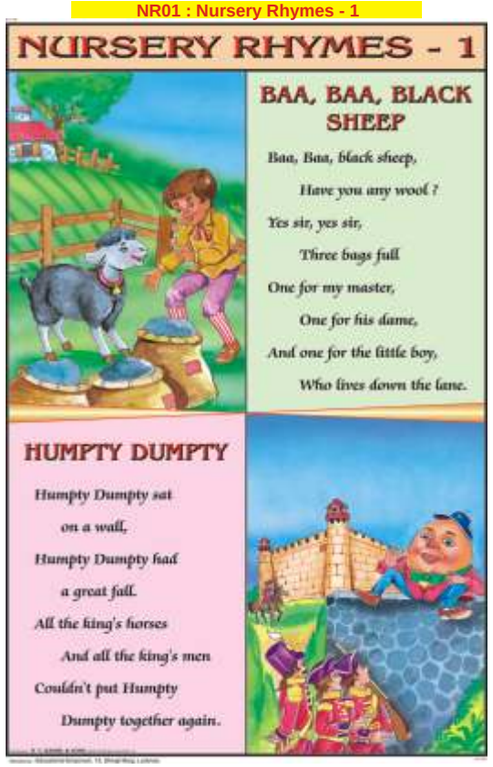
SPECIAL CHARTS FOR CHILDREN
Laminated, Size 50 x 75 cm (Available in English and Hindi Combined)

NURSERY RHYMES

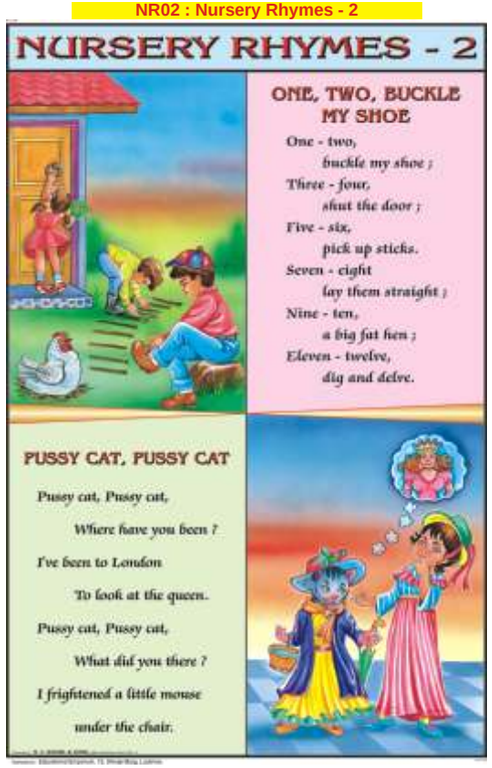
A set of 5 charts

Laminated, Size 50 x 75 cm (Available in English only)

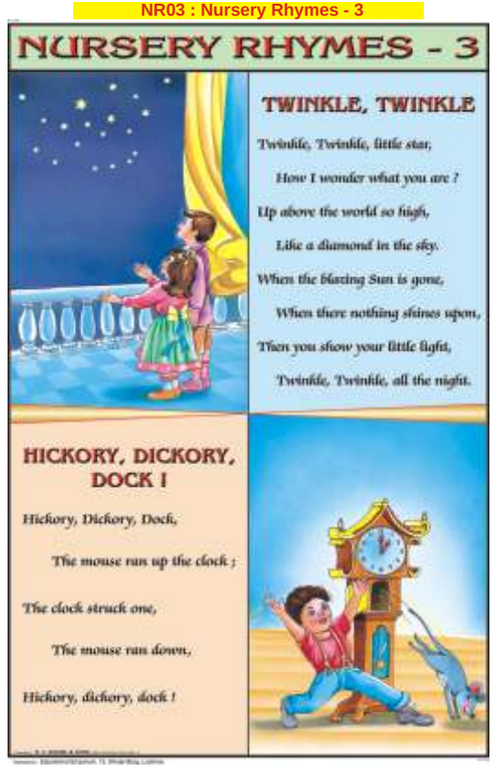
NR01 : Nursery Rhymes - 1



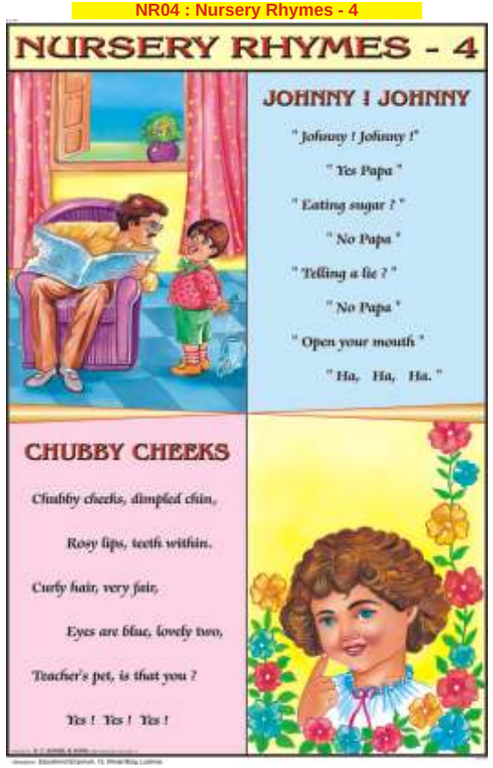
NR02 : Nursery Rhymes - 2



NR03 : Nursery Rhymes - 3



NR04 : Nursery Rhymes - 4



NR05 : Nursery Rhymes - 5