

DR. VIRENDRA SWARUP
Shri Ragendra Swarup Group of Institutions
Common Syllabus For All Branches
CLASS-IX TERM-I 2022-23

1. Hindi Language

निबन्ध लेखन (प्रस्ताव), चित्र अध्ययन, कहानी लेखन (सूक्ति एवं लोकोक्ति), पत्र (औपचारिक/अनौपचारिक), अपठित गद्यांश, व्यवहारिक व्याकरण (लिंग, वचन, कारक, संज्ञा, विशेषण, तद्भव/तत्सम, पर्यायवाची, विपरीतार्थक, मुहावरे लोकोक्तियाँ, अनेक शब्दों के लिए एक शब्द, अशुद्ध शब्द, निर्देशानुसार वाक्य परिवर्तन)

2. Hindi Literature

साहित्य सागर (पद्य भाग) साखी, गिरधर की कुंडलियाँ, स्वर्ग बना सकते हैं एकांकी संचय संस्कार और भावना, बहू की विदा

3. English Language— Book-Total English (Morning Star), Unit 1–8 (All the papers)

4. Literature in English- Play: The Merchant of Venice Act-I & Act-II (Scene I) (Book and workbook- Morning Star)

Prose: Treasure Trove- A Collection of ICSE Poems and Short Stories (Evergreen Publications) Chief Seattle's Speech, The Old Man at the Bridge, A Horse & Two Goats

Poetry Treasure Trove- A Collection of ICSE Poems and Short Stories (Beeta Publications) Heart of the Tree, The Cold Within, Bangle Sellers

5. Geography (Total Geography – Morning Star)

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| 1. Latitudes and Longitudes | 2. Rotation and Revolution |
| 3. Earth's structure | 4. Rocks |
| 5. Volcanoes | 6. Earthquake |
| 7. Tides and Ocean Currents | 8. Insolation and Heat Balance |
| 9. Earth as a Planet | 10. Weathering and Denudation |

Map Work- (World) according to the ICSE syllabus- to be practiced for the whole year

6. History/Civics-

History- Ch1– The Harappan Civilization, Ch2– Early Vedic Civilization, Ch3– The Later Vedic Age, Ch4– India in the 6th Century BC: Rise of Jainism and Buddhism, Ch5– The Mauryan Empire, Ch6 – The Sangam Age: Kingdoms and the Social and Economic Condition, Ch7 – The Age of the Gupta, Ch8 – South India and the Cholas

Civics– Ch1– Our Constitutions and its Salient Features, Ch2– Fundamental Rights, Fundamental Duties and Directive Principles of State Policy

7. Physics- Measurements and experimentation, Motion in one dimension, Laws of Motion, Pressure in fluids and atmospheric pressure, Upthrust in fluids, Archimedes' Principle and Floatation, Heat and Energy (only Part-A)

8. Chemistry- The Language of Chemistry, Chemical Changes and Reactions, Water, Atomic Structure and Binding

9. Biology- Cell, Tissues, The Flower, Pollination and fertilisation, Germination of Seeds, Respiration in Plants, Diversity in the Living World, Bacteria and Fungi, Nutrition, Tooth, Digestive System

10. Commerce- Commercial and Non- Commercial Activities, Business Activities, Classification of Commercial Organizations, Profit & Non-Profit Organization, Sole Proprietorship & Hindu Undivided Family Business, Partnership, Joint Stock Company, Marketing & Sales, Meaning, Objectives & Terminology of Accounting, Accounting Books & Statements (Journal, Trial Balance), Cooperative society, Public sector Enterprises, Finance & Accounts

11. Maths- Rational and Irrational Numbers, Expansions, Factorisation, Indices, Logarithms, Simultaneous Linear Equations, Problems on Simultaneous Linear Equations, Triangles, Mid-Point Theorems, Trigonometrical Ratios, Trigonometrical Ratios of Standard Angles, Co-ordinate Geometry

12. Elementary Economic- Meaning and Definitions of Economics, Branches of Economics & Types of Activities, An Economy: its Sectors, Basic Concepts & Entities, Types of Economies, Basic Problems of an Economy

13. Economic Applications- Meaning and Definitions of Economics, Basic Concepts of Economics, Major Problems of an Economy, Types of Economies, The Main Sectors of Indian Economy

14. Computer- Introduction to Object Oriented Programming Concepts, Elementary Concept of Objects and Classes, Values and Data Types, Operators in Java, Conditional Constructs in Java (Introduction), Iterative Constructs in Java (Introduction)

15. Music- Vocal- 1 Non detailed terms- sangeet, sangeet two main systems of Indian Music, Naad, Saptak, Thaata, Alankar, Vadi Samvadi, Aroh Avrooh, Pakad, Chal Achal Swar, Ashraya Raag Sthai Antara, Taan, Alap Matra Vibhag, Taal, Avartan, Sam, Tali, Khali, Theka, Thaah (Ekgun Dugun Chaugun) 2. Detailed topics- Swar (Sudha, Vikrit) Jati (Audav, Shadav, Sampoorana) Laya (Vilambit, Madhya, Drut) Forms of composition- Swarmalika, Lakshan Geet, Khayal (Bada Khyal, Chota Khyal) Dhrupad, 3. Full introduction arooh avrooh pakad and bandish-Raag Yaman, Kafi, Khamaj, Allahiya Bilwal, 4. Taal introduction with notation Thaah, Dugun, Chaugun Keherwa Taal, Dadra Taal, Teentaal, Dadra taal, Kahwara taal, Tha, Dugun, Chaugun 2. Life history in brief of Tan Sen 3. Knowledge of Musical notation system of Pt. V.N. Bhatkhande Identified notes-

Tabla- 1. Non detail terms- Matra, Tal, Vibhag, Sam Tali, Khali, Avartan, Theka, Kayada Palta, Tihai Tukda Kisme (Varieties of Theka) and Peshkara, 2. Detailed topic – Laya (Vilambit Madhya and Drut), Layakari (That, Dugun, Tigun and Chaugun) 2. Technique of producing man syllables of Tabla and Bayan (Varnas) like Ta, Dha, Ge, Kat, Tin, Dhin, Ti Ta etc

16. Physical Education- Section-A: Ch1- The Human Anatomy and Physiology, Ch2- Muscular System Section-B: Cricket, Football
Note: Specialize teacher can include a question of his choice of game with the given syllabus of sports section

17. Art- Nature (II Paper)- Hibiscus, Sunflower, Zinnia, Pansy, Sadabahar, Kaner Yellow, Rajnigandha, Poppy Still Life (I Paper)- Surahi, Glass, Mug, Basket, School bag, Capsicum, Gourd, Tomato, Pumpkin, Brinjal, Onion, Apple, Orange, Pineapple, Papaya, Pomegranate, Grapes, Water bottle, Banana, Book, Watermelon, kettle, Jug, Pepsi, Bucket, Flower, Utensils, Knife, Fork

18. Fashion Designing- Study of natural and synthetic fibres (Cotton, Silk, Wool, Synthetic, Nylon, Acrylic, Rayon), Fabric- Finishes which improve the properties and appearance of fabric, Introduction of Fashion

Practical- Different types of textures, Hand embroidery, Hand and machine basting stitches (including Project work), Sewing machine and Fashion maker (Diagram, Parts and tools), Difference between ordinary machine & fashion maker, Care and maintenance of machine, Common machine problems

Environmental Science- Susobhan Mukherjee – Publisher: Kalyani Publication

1. Understanding our Environment.

- a) What is Environmental Science?
- b) What are our main Environmental Problems?
- c) A Global Perspective of Environmental Problems.
- d) The Root of Environmental Studies.
- e) A Sustainable World.

2. Living Things in Ecosystem.

- a) What is an ecosystem?
- b) Habitat and Ecological Niche.
- c) How Species Interact with Each Other?
- d) Adapting to the Environment.

3. How Ecosystems Work.

- a) Energy Flow in Ecosystems.
- b) The Cycling of Materials.
- c) How Ecosystems Change.

4. Kinds of Ecosystems.

- a) Forest
- b) Grasslands, Deserts and Tundra.
- c) Fresh water Ecosystems.
- d) Marine Ecosystems.
- e) Biogeographic Zones of India.

5. Water

- a) Our Water Resources!
- b) Fresh Water Pollution.
- c) Ocean Pollution.

6. Air

- a) What causes Air Pollution?
- b) Thermal Inversions, Photochemical Smog and Acid Precipitation.
- c) Impact of Air pollution.

7. People

- a) World Poverty and Gap Between Developed and Developing Countries.
- b) Poverty in Developed Countries, Poverty and Developing countries.
- c) The implications of Poverty Trap for the Environment in Developing Countries.

N.B. From First Term – Water (20%)

Home Science

L1 – Concept and Scope of Home Science, L2 – Food and Health, L3 – Food Preparation (Method of Cooking), L4 – Nutrients and their Functions, L7 – Growth and Development

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2. Hindi Literature

साहित्य सागर वह जन्मभूमि मेरी, सूर के पद, विनय के पद + Term 1 (Full course)
एकांकी संचय मातृभूमि का मान, सूखी डाली + Term 1 (Full)

3. English Language– Book- Total English (Morning Star)
Unit 9–15 (All the papers) (The entire syllabus in the finals)

4. Literature in English- Play: The Merchant of Venice Act-II (Scene I-IX)

Act III (Scene I) (Book and workbook- Morning Star),

Prose: Treasure Trove- A Collection of ICSE Poems and Short Stories (Beeta Publications) Hearts and Hands, A Face in the Dark, Angel in Disguise

Poetry Treasure Trove- A Collection of ICSE Poems and Short Stories (Beeta Publications) After Blenheim, Television, Daffodils

Annual Examination: The entire syllabus of first and second term

5. Geography(Total Geography – Morning Star)

1. Composition and structure of the Atmosphere
2. Atmospheric Pressure and Winds
3. Humidity
4. Natural Regions- Equatorial regions, Tropical deserts, Mediterranean Region, Tropical grass land, Tropical Monsoon, Temperate grass land, Taiga, Tundra (Chapters from first term will also be included which will be finalised later on)
5. Landforms of the Earth
6. Sources of Pollution
7. Effects of Pollution
8. Pollution-Preventive measures

6. History/Civics

History- Ch9 – The Delhi Sultanate, Ch10 – The Mughal Empire, Ch11 – The Composite Culture: Bhakti Movement, Sufism & Influence of Christianity on Indian Society, Ch12 – The Renaissance, Ch13 – The Reformation, Ch14 – Industrial Revolution & Capitalism & Socialism

Civics – Ch3- Election and the Election Commission, Ch4 – Local Self Government: Rural Local Institutions, Ch5 – Local Self Government: Urban Local Institution

7. Physics- Measurements and experimentation, Motion in one dimension, Laws of Motion, Pressure in fluids and atmospheric pressure, Upthrust in fluids, Archimedes' Principle and Floatation, Heat and Energy, Reflection of Light, Propagation of Sound Waves, Current Electricity, Magnetism

8. Chemistry- Chemical change and Reactions, Gas Laws, Atmospheric Pollution, Study of First Element-Hydrogen, Practical Chemistry

9. Biology- Movement and Locomotion, Skin, The Respiratory System, Health and Hygiene, Disease, Aids to Health, Health Organization, Waste Generation and Management

10. Commerce- Production, Purchasing & Stores, Communication in Commercial Organizations, Verbal & Non verbal communication, Different methods of Communication, Basic Accounting Principles & Concepts, Accounting Books & Statements Cash Book, Ledger, Trade, General Administration & Legal Departments, Social Responsibility of Commercial Organization towards Environment, Banking, Human Resource

11. Maths- Compound Interest, Pythagoras Theorem, Rectilinear Figures, Theorems on Area, Circle, Mensuration, Statistics

12. Elementary Economics- Indian Economy: Primary Sector, Indian Economy: Secondary Sector, Indian Economy: Tertiary Sector, Major Problems of Indian Economy: Poverty and Unemployment, Major Reforms and Emerging Trends in Indian Economy

13. Economics Applications- Agriculture, Industries and Ecosystems, Infrastructure of the Indian Economy, Consumer Awareness, Globalisation

14. Computer- Introduction to Object Oriented Programming Concepts, Elementary Concept of Objects and Classes, Values and Data Types, Operators in Java, Input in Java, Mathematical Library Methods, Conditional Constructs in Java (Complete), Iterative Constructs in Java (Complete), Nested Loops, Computing and Ethics

15. Music- Vocal- 1. Vande Mataram and National Anthem Lyrics (do not notation), 2. Life History- V.N. Bhatkhande, Ten Alankars, 3. Identification of raag with the help of given short swar vistar, 4. Taal- Ek Taal, Char Taal, Thah, Dugun, Chaugun, 5. Raag Alhiya, Bilawal, Bharivarvi, Aroo Abrooh, Pakad, Taans with chota khayal notation, 6. Identify notes

Practical- 1. Singing and playing five alankars 2. Yaman, Khamaj, Kafi, Bharavi, Allahiya Bilawal Drut khayal notation, 3. Vandemataram, National Anthem Singing and playing, Singing and playing identify notes, Teen taal, Dadra taal, Ek taal, char taal, tali khali show on hands dugun chaugun also

Tabla- 3. Playing of thekas of the following six taal with development two kaayadas and its four paltas with tihai in teentaal. One tukda in each jhaptal and ektaal one paran in chaartaal two kismen each in Dadra and kaherwa taal, 4. Accompaniments (sangat) in Taals (Dadra and Kaharwa) 5. Padhant (Reciting) thekas in Thah and Dugun simpal developments of Taals mentioned in para (3) showing Taali khali each,

Tabla Practical 30 Marks- 1. Knowledge and practice of vilambit, Madhya and Drut layas and also of Thah, Dugun and chaugun with the help of Tali, Khali and matras on hand

while reciting Thekas of taals prescribed 2. Description of the five taals mentioned under practical writing them in Thah and Dugun in Taal notation 3. Knowledge of musical notation system of Pt. V.N. Bhatkhande (swara and taal-lipi) writing Razakhani Gat (with Bols), 4. Life and contribution in brief to Tansen and Pt. V.N. Bhatkhande

16. Physical Education- Section-A: Ch3- Respiratory System, Ch4- Circulatory System, Ch5- Games and Sports, Section-B: Cricket, Football, Hockey

Note: Specialize teacher can include a question of his choice of game with the given syllabus of sports section

17. Art- Nature (II Paper)- Dahlia, Aster, Lily, Money Plant, petunia, Nasturtium, Bougainvillea, Carnation, Canna, Pink Kaner. Still Life (I Paper)- 1. Surahi, Glass, Mug, Tray 2. Basket, Capsicum, Tomato, Brinjal, Onion, Gourd 3. School Bag, Book, Water Bottle, 2 Apples 4. Bucket, Pot, Broom, Hanging Towel 5. Kettle, Cup Plate, Spoon, Knife, Egg 6. Pineapple, Apple, Grapes, Banana, Orange 7. Papaya, Jam Bottle, Plate, Lemon 8. Book, Glass, Pomegranate, Grapes, Coconut 9. Shoebox, Polish, Brush.

18. Fashion Designing- Weaving- Types of weaving, Designing Features in Fabrics (Gathers, Tucks, Pleats, Smoking and Darts), Including previous topic

Practical- Fabric Swatches Projects, 16 Samples of Tie & Dye (Including Project Work)

Environmental Science- Susobhan Mukherjee – Publisher: Kalyani Publication

1. Atmosphere and Climate

- a) The Atmosphere
- b) Climate
- c) Greenhouse Effect
- d) The Ozone Layer

2. Soil and Land

- a) Deforestation
- b) Soil Erosion and Desertification
- c) Land Pollution

3. Urbanisation

- a) Causes of Urbanisation.
- b) Manifestations of Urbanisation.
- c) Social, Economic and Environmental Problem.

4. Agriculture

- a) Unsustainable patterns of modern industrialised agriculture.
- b) Environmental damage due to Large Farm units.
- c) Food Maintenance in Developed Countries
- d) The Green Revolution

N. B. – From First Term- How ecosystem works 10%

Soil and Land 20%

Home Science

L8 – Role of Play and Play School for the Young Child, L10 – Gas, Electricity and Water, L11 – Waste Management in the Home and Community, L12 – What are S.R's, L13 – Fabrics Available in the Market, L14 – Clothes are our Second Skin

I Unit Test Chapters – 1, 2, 3, 4, 7

Half Yearly Exam Chapters– 1, 2, 3, 4, 7, 8, 10, 12

Final Exam Chapters – 2, 3, 4, 7, 10, 11, 13,14