



SYLLABUS

In Accordance with CBSE, IGCSE, ICSE and Other State Syllabuses

Global Maths Olympiad

CLASS-I

Number Sense, Back and Forth counting, Addition up to 10, Subtraction 1 to 10, More addition and subtraction, Number up to 50, Shapes and Pattern, Measurement, Time, Money, Data handling

CLASS-II

Number and numeration, Addition of 2 digit numbers, Subtraction, Multiplication, Division, Basic, Measurement, Time, Money, Measurement, Data handling

CLASS-III

Numbers and Numeration, Addition, Subtraction, Division, Fraction, Money, Geometry, Measurement, Time, Patterns, Data handling

CLASS-IV

Large Number, Addition and subtraction, Roman numbers, Multiplication and Division, Factors and multiples, Fraction, Decimals form, Money, Time, Measurement, Geometry, Perimeter and area, Data handling

CLASS-V

Number and numeration, Roman numbers, Operation involving large numbers, Simple fraction, HCF and LCM, Fraction, Unitary method, Profit and loss, Percentages, Speed distance and time, Geometry, Perimeter, area and volume, Data handling, Time and temperature

CLASS-VI

Knowing our numbers, Whole numbers, Playing with numbers, Geometric concepts, Integers, Fraction, Decimals, Algebra, Ratio proportion and unitary method, Mensuration, Symmetry, Construction, Data handling

CLASS-VII

Knowing our number, Fraction, Decimals, Rational numbers, Exponents and powers, Algebraic expression, Linear equation in one variable, Percentage and its application, Lines and angles, Properties of triangles, Congruence of triangle, Construction, Perimeter and area, Data handling

CLASS-VIII

Rational numbers, Exponents and powers, Playing with number, Algebraic expressions and special products, Fractionation, Linear equation, Percentage and its application, Variation and direct and inverse proportions, Time and work, Quadrilaterals, Construction of quadrilaterals, Area of a trapezium and a polygon, Volume and surface area of solids, Data handling, Graphs

CLASS-IX (SA-I)

Number system, Algebra, Introduction to Euclid's Geometry, Co-ordinate geometry, Lines and angles, Triangles, Heron's formula,

CLASS-IX (SA-II)

Lines equations in two variable, Quadrilaterals, Area of parallelogram and triangles, C i r c l e s ,
Constructions, Surface area and volumes, Statistics, Probability

CLASS-X (SA-I)

Number system, Poly nominal, Pair of lines equations in two variables, Trigonometry, S i m i l a r
triangles, Statistics,

CLASS-X (SA-II)

Quadratic equations, Arithmetic progressions, Co-ordinate geometry, Application of trigonometry, Construction, Area related to circles, Surface area and volume, Probability

CLASS-XI

Sets, Relations and functions, Coordinate Geometric, Straight line, Pair of Straight line, Conic section, Basic concept about 3 dimension-(Solid geometry), Sequence and series, Complex Number. Quadratic Equation and ex-pression, Binomial theorem, Permutation and Combination, Probability, Non-Verbal Reasoning (I.Q.), Central Tendency Variance & Standard Deviation

CLASS-XII

Relations & functions, Binary operation, Matrix and Determinants, Continuity & Differentiability, Differentiation, Application of derivatives, Inverse trigonometric function, Indefinite & definite Integration; Application of Integral, Differential Equation, Coordinate Geometry, Solid Geometry-(St. line, Plane, Sphere), Probability, Permutation & Combination, Central Tendency, Variance & Standard Deviation; Random Variable & its distribution, Non- Verbal Reasoning (I. Q. Test)

Global English Olympiad

CLASS-I

Jumbled & Unjumbled words, Rhyming Words and Sentences, Use of A and An, Use of In, At, On, To, . Identification of Things/Objects of Daily Use Identification of Characters, Answering General Questions, Correct Spelling, Noun (Elementary Knowledge and Recognition), Pronoun (Elementary Knowledge and Recognition), Opposites, Gender, Animals and Their Babies, Sentence Formation, One Word Substitution, Functional English

CLASS-II

Comprehension, Identification of Things/Objects of Daily Use Identification of Characters, Identification of Monuments/Places, Correct Spelling, Noun (Elementary Knowledge and Recognition), Pronoun (Elementary Knowledge and Recognition), Verb (Elementary Knowledge and Recognition), Singular/Plural, Gender, Use of A and An, Use Of In, At, On, To, Sentence Formation, One Word Substitution, Words with Same and Opposite Meaning, Rhyming Words and Sentences, Functional English

CLASS-III

Comprehension, Classification, Analogy, Correct Spelling, One Word Substitution, Jumbled Words and Sentences, Tenses (Elementry), Noun, Pronoun, verb, Adjective, Preposition, Conjunction, Error Finding, One Word Substitution, Antonyms/Synonyms, Picture Compositio.

CLASS-IV

Comprehension, Classification, Analogy, Correct Spelling, Adverbs, Prepositions, Pronouns , Tenses, Modals, Understand information through pictures, One Word Substitution, Jumbled Words and Sentences, Types of Sentences, Parts of Speech, Tense, Error Finding, One Word Substitution, Antonyms/Synonyms, Picture Composition Collocations, Spellings.

CLASS-V

Comprehension, Classification, Analogy, Correct Spelling, One Word Substitution, Jumbled Words and Sentences, Spellings, Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Types of Sentences, Parts of Speech, Tense, Error Finding, Voice, Modals, Direct and Indirect Speech, Subject Verb Agreement, Determiners, One Word Substitution, Antonyms/Synonyms, Picture Composition

CLASS-VI

Comprehension, Phrasal verbs, Idioms and phrases Classification, Analogy, One word substitution, Types of sentences, Parts of speech, Tense, Error finding, Voice, Modals, Determiners, Direct and indirect speech, Subject verb agreement, One word substitution, Antonyms/Synonyms.

CLASS-VII

Comprehension, Classification, Spellings, Collocations, Phrasal verbs, Idioms and phrases, Homonyms and Homophones, Analogy, Correct spelling, One word substitution, Jumbled words and sentences, Types of sentences, Parts of speech, Tense, Error finding, Voice, Modals, Determiners, Direct and indirect speech, Subject verb agreement, One word substitution, Antonyms/Synonyms.

CLASS-VIII

Comprehension, Classification, Analogy, Correct Spelling, One Word Substitution, Spellings, Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Types Of Sentences, Parts Of Speech, Tense, Error Finding, Voice, Modals, Determiners, Direct And Indirect Speech, Clauses, Subject Verb Agreement, Sentence Completion, Homonyms, One Word Substitution, Antonyms/Synonyms, Writing.

CLASS-IX

Comprehension, Classification, Analogy, Correct Spelling, One Word Substitution, Jumbled Words And Sentences, Types Of Sentences, Parts Of Speech, Error Finding, Voice, Determiners, Concord, Question forms, Tenses, Conditionals, Modals, Reported speech. Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Direct And Indirect Speech, Clauses, Subject Verb Agreement, Non Finites, Sentence Completion, Antonyms/Synonyms.

CLASS-X

Direct and Indirect Speech, Clauses, Subject Verb Agreement, Non Finites, Sentence Completion, Homonyms, One Word Substitution. Word and Structure Knowledge Comprehension, Concord, Question forms, Tenses, Conditionals, Modals, Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Classification, Analogy, Correct Spelling, One Word Substitution, Jumbled Words and Sentences, Types of Sentences, Parts Of Speech, Error Finding, Voice, Determiners

CLASS-XI

Comprehension based on Events, General topics, Story, Incident, Current affairs, Historical facts, Tense, Voice, Medals, Reported speech, Determiners, Preposition, Clauses, Non finites Common errors, spotting the errors, Omission, Analogy based on: Similarity, Dissimilarity, Comparison, Logic, Relationship. Resemblance Profession, General multiple question, One Word Substitution, Antonyms and synonyms Jumbled sentences Idioms and Phrases, Sentence completion, Improvement of sentence.

CLASS-XII

Comprehension based on Events, General topics, Story, Incident, Current affairs, Historical facts, Tense, Voice, Medals, Reported speech, Determiners, Preposition, Clauses, Non finites, Common errors, Spotting the errors, Omission, Analogy based on: Similarity, Dissimilarity, Comparison, Logic, Relationship, Resemblance, Profession, General multiple question, One Word Substitution, Antonyms and Synonyms Jumbled Sentences Idioms and Phrases.

Global Science Olympiad

CLASS-I

About myself, My Body, Keeping Clean, Plants Around, Animal World, My Need, My Neighborhood, Space of Environment, Shelter.

CLASS-II

Family and Friends, Plants life, Animals World, Our food, Water sources, Human Body and its Need, My Neighborhood, Transport and communication, Space of Environment, Things we made and do.

CLASS-III

Life Around us, My body, Family and Friends, Food, Water, Cloths, Travel and communication, Our World, Our Environment, Shelter.

CLASS- IV

The green plants, Animals life, Human body and it Needs, Solid Liquid and Gas, Force work and

Energy, Safety first, Space of Environment, Natural Resources.

CLASS-V

The World of Animals, Growth and Development in Plants, Food Health and Hygienes, Our Body, Rocks and Minerals, Air and Water, Force, work and Energy, Safety and First Aid, State of Matter, The moon & Eclipses, Knowing our Environment.

CLASS-VI

Food, Materials, The world of living, Moving things people and Ideas, Light shadow & Reflection, How Things Work, Natural Resources.

CLASS-VII

Food, Materials, The World of Living, Motion & Time, How Things Work, Natural Phenomena, Natural Resources.

CLASS-VIII

Food, Materials, The World of Living, Moving things, People and Ideas, Chemical Effects of Electric Current, Natural Phenomena.

CLASS- IX - (SA-1)

Matter in Our Surrounding, Is Matter Around Us Pure, The Fundamental Unit of Life, Tissues, Motion, Force of Canvas of Motion, Gravitation, Improvement in food Resources.

CLASS- IX - (SA-2)

Atoms and molecules, Structure of Atom, Diversity in Living Organisms, Gravitation, Flotation, Work and Energy, Sound, Natural Resources.

CLASS-X - (SA-1)

Chemical Reactions and Equations, Acids Bases And Salts, Metals and Non- Metals, Life Processes, (Control and Coordination,) Electricity, Magnetic Effect of Electric Current, Sources of Energy.

CLASS-X - (SA-2)

Carbon and its compound, Periodic Classification of Element, Control and Condition, Reproduction in Organisms, Heredity and Evolution, Light - Reflection and Refraction, Human Eye and colorful world, Our Environment, Management of Natural Resources.

CLASS-XI

Section-I(Physics & Chemistry): **Physics:** Units & Measurements, Mechanics, Properties of Matter, Heat & Thermodynamics, Oscillations, Waves. **Chemistry:** Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, The s-Block Elements, **Organic Chemistry:** Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry.

Section-II (Mathematics): Sets, Relations and Functions, Principle of Mathematical Induction, Logarithms, Complex Numbers & Quadratic Equations, Linear Inequations, Sequences and Series, Trigonometry, Straight Lines, Conic Sections, Permutations and Combinations, Binomial Theorem, Statistics, Mathematical Reasoning, Limits and Derivatives, Probability, Introduction to 3-D Geometry, Verbal and Non-Verbal Reasoning.

OR

Section-II(Biology): Diversity in the Living World, Structural Organization in Plants and Animals, Cell : Structure and Functions, Plant Physiology, Human Physiology.

CLASS-XII

Section-I(Physics & Chemistry): **Physics:** Electricity and Magnetism, Electromagnetic Induction, AC, E.M. Waves, Optics, Modern Physics, Solids & Semiconductor Devices, Communication Systems. **Chemistry:** Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and Processes of Isolation of Elements, d & f Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life.

Section-II(Mathematics): Relations and Functions, Inverse Trigonometric Functions, Matrices and

Determinants, Continuity and Differentiability, Application of Derivatives, Integrals, Application of Integrals, Differential Equations, Vector Algebra, Three Dimensional Geometry, Probability, Linear Programming, Verbal and Non-Verbal Reasoning.

OR

Section-II(Biology): Reproduction, Genetics and Evolution, Biology in Human Welfare, Biotechnology, Ecology.

Global Informatics Olympiad

CLASS-I

What is Computer, The Vital components of a computer, Devices used with computer, How to operate a Computer, What computer can do, Mental Ability & Reasoning,

CLASS-II

Introduction to computer, Learning to use Keyboard and Mouse, Parts of computer, Introduction to MS-Paint, Uses of computer, Mental Ability & Reasoning

CLASS-III

Fundamental of computer, Input and Output Devices, How Data is stored in Computer, Generations of computer, Familiarity with Windows, Working with MS-Paint, Mental ability & Reasoning

CLASS-IV

Evolution of computers, Computer and its peripherals, Computer memories, Working with Software & Hardware, Drawing in Paint brush, Getting started with MS-Word 2007, Using Windows7, Introduction to Internet, Mental ability & Reasoning

CLASS-V

Categories of computer, Working with Windows7, Primary and Secondary Memories, Introduction to MS-Word 2007, Introduction to PowerPoint 2007, Introducing Multimedia, Understanding Internet & Networking, Mental ability & Reasoning

CLASS-VI

Fundamental of computer, Generations of computer, Working with Windows7, Working with MS-Word 2007, Getting Stared with MS-Excel 2007, Working with PowerPoint 2007, Networking and internet, Mental ability & Reasoning

CLASS-VII

Fundamentals of computer, Introducing Operating System (OS), Windows Explorer, Hardware & Software, Types of Computer Language, Working with MS-Word 2007, Working with MS-Excel 2007, Working with MS-PowerPoint 2007, Computer Networking and its uses, Mental ability & Reasoning

CLASS-VIII

Introducing Binary number System, Memory and Storage devices, Working with Windows 7, Working with MS-Word 2007, Working with MS-Excel 2007, Working with MS-PowerPoint 2007, Introduction about MS-Access, Networking Internet and Emailing, Introducing HTML, Mental ability & Reasoning

CLASS-IX

HTML, Algorithm and Flowchart in Programming, Computer devices and programming Language, Understanding Network Topology, Working with MS-Word 2007, Working with MS-Excel 2007, Working with MS-Access 2007, Mental ability & Reasoning

CLASS-X

Fundamentals of computer, Word processing tools, Operating System (OS), Internet and Networking, HTML, Multimedia, Its Basics, Mental ability & Reasoning

CLASS-XI

Fundamental of Computer Science, IT Basics, Internet services & Protocols, Introduction to C++, Introduction to Java, Introducing to SQL, Multimedia & Web Technology, Python, Mental ability & Reasoning

CLASS-XII

Fundamental of Computer Science, IT Basics, Internet services & Protocols, Introduction to C++, Introduction to Java, Introducing to SQL, Multimedia & Web Technology, Python, Mental ability &

Global G.K. Olympiad

CLASS-I

- Unit-I: Our Surroundings, Our Dresses, Family and Relations, Domestic Animals, Wild Animals, Our Country,
 Unit-II: Vegetables, Fruits, Flowers, Festivals, Indian Dances,
 Unit-III: Indian Personalities, Festivals and Places of Worship, Water Animals, Our Helpers, Our Sense Organs, Unit IV, Parts of Body, Indian Players, Means of Transport, Buildings and Monuments, Indoor and Outdoor Games
 Unit-V: Our Leaders, Mixed Question & Answer, Cities & Rivers, Important Days, Tourist Places

CLASS-II

- Unit-I: Our Surroundings, Parts of Plants, Use of Plants |Our Body, Home of Animals,
 Unit-II: Sound of Animals Sports, My Country, Insects, Common Birds,
 Unit-III: Games, People of the World, Dresses of India, Seasons, Personalities (India & World)
 Unit-IV: Important Day, Books and Authors, The Universe, Food of Animals, National, Religious and Family Festivals,
 Unit-V: Abbreviations, Film Industries, Sports- Players, People and their Profession, Current Affairs

CLASS-III

- Unit-I: Our Neighboring Countries, Great Moments, Different Games, Religious Places in India, Music and Dance
 Unit-II: Sports, Continents and Oceans, Indian Personalities, About Insects, Books and Authors
 Unit-III: Historical Buildings and Monuments, People and Places, Great Personality of India, Sports, Famous places of the World
 Unit-IV: Places in India, Means of Livelihood, Our Solar System, Abbreviation, National Symbols
 Unit-V: Tallest, Biggest, Greatest, Inventions, Flags of Various Countries, Great Women of India, Current Affairs

CLASS-IV

- Unit-I: States and its Capitals, Country and its Capital, Our Neighboring Countries, Great Monuments, Different Types of Sports and Major Sporting Events, Inventions & Inventors,
 Unit-II: Religious Places in India, Types of Dances, Inside our Body, Continents and Oceans, Actors and Actresses
 Unit-III: Famous Authors and their Books Indian Monuments, Places and People of India, Great Personality of India, Sports,
 Unit-IV: The Animal Family, Famous Sites of the World, Different Types of Professions
 Unit-V: Famous Sports and Sports Person, Our Universe, Abbreviations, Religion, Current Affairs

CLASS-V

- Unit-I: State and its Capital, Country and its Capital, Persons Associated with Sports, Religious Place and its Importance, Rivers, Cities and Countries, Famous Buildings of the World
 Unit-II, Countries and its Capitals, Flag of Various Countries, Major Inventions and Discoveries, Major Mountain Chains of the World, Famous Authors, Religions of the World
 Unit-III: Inventors, Women in Cinema, Dams and Waterways Major Sporting Events
 Unit-IV: Hill Stations, First in India and World, Books and Authors, Famous Personalities of the World, Longest in India
 Unit-V: Airports and Airlines, Deserts and Plateaus of the World, Famous Institutions Sanctuaries and Parks, Abbreviation

CLASS-VI

- Unit-I: Features of India, Books and Authors, India and its History, Art and Artist, First in India, Freedom, Struggle
- Unit-II: Awards and Honors, Freedom Fighters of India, Important Dates, Around the World, Biggest in the World
- Unit-III: Places of e World, Abbreviations, U.N.O & Its Agencies, First in Space, Largest, Longest, Highest
- Unit-IV: Our Constitution, Indian Railways & Airways, National Symbols, Nations, Currency, Flag, Historical Buildings and Monuments in India
- Unit-V: Major Rivers of the world, Highest Honors of Various Countries, Discoveries and Inventions, National Award, Current Affair

CLASS-VII

- Unit-I: Dates and Events (World), Books & Authors, Indian Politics, Abbreviation
- Unit-II: First in India, Nick Names, My Country, Important Books, Important Places of India
- Unit-III: Festival of India, Indian Personalities, First in India, Important Dates in History, Important Years & Dates, Freedom Struggle
- Unit-IV: Film, Invention & Discoveries I Sports- Terms & Measurement, Our Universe
- Unit-V: Parliament & State Assemblies, Slogans, Old and New names, Our Constitution, Current Affairs

CLASS-VIII

- Unit-I: Solar System I Important Dates, Abbreviations, Inventions & Discoveries
- Unit-II: U.N.O, NAM, SAARC, Major Ports of India/Hill Stations, Foreign Policy of India,
- Unit-III: Books and Authors, National Parks and Games Sanctuaries, Major Airports of India, Cities and Rivers, Atomic Research Centers in India
- Unit-IV: Indian Constitution, Dates and Events, Battles and Wars, World War I & II, Buddhism and Jainism
- Unit-V: National Flag, National Animal, Bird, Flower, Symbols, India & its Neighboring Countries, Parliament, Current Affairs

CLASS-IX

- Unit-I: Constitution/Fundamental Rights, Democracy, Parliament, Judiciary in India & World, Election in India
- Unit-II: French Revolution, Russian Revolution, Rise of Hitler, The Story of Cricket, UNO and its Agencies
- Unit-III: Famous Sites/ Major Ports of India, Towns and Places, National Parks, Important Rivers, Names of Parliament
- Unit-IV: Currencies, Inventions and Discoveries, U.N.O and its Agencies, SAARC, National & International Awards
- Unit-V: Sectors of Indian Economy, National Freedom Movement, Multi Purpose River-Valley Project, Money and Banking, Current Affairs, Major Stock Exchanges of the World

CLASS-X

- Unit-I: Democracy, Economic Development/Planning, Globalization, Money & Credit, Consumer Awareness, Major Stock Exchanges of the World
- Unit-II: Constitution, President/Vice President/Parliament, National Freedom Movement, Human Right, Public Service Commission
- Unit-III: U.N.O & its Agencies, Indian Town Associated with Industries, Important Day and Year, Human Diet, vitamins, Balance diet, Awards and Honors
- Unit-IV: Sports, Science, History & Geography, India's Relation with its Neighboring Countries, Medical Equipments
- Unit-V: National Highways, First in India & World Railways & Banking, Five Year Planning & Economic Policy, Current Affairs

CLASS-XI

- Current affairs, Movements, War history, Dance & Musical Instruments, Awards, Honours and Prizes, Important Cities, Geography, Cultural heritage, Places, Important Buildings of the world,

Representatives of India, Religions of the world, physics, chemistry, economics, Political science & history, Sports Terms.

CLASS-XII

Representatives of India, Cultural heritage, Awards, Current affairs, Important Cities, Cultural heritage, Places, Important Buildings of the world, Honours and Prizes, Cultural heritage, Representatives of India, Religions of the world, movements, War history, Political science & history, Dance & Musical Instruments, Sports Terms, Topics related to physics, Chemistry, Geography, economics, Political science & history.

Global Social Science Olympiad

CLASS-I

Food, Shelter, Festivals and Celebrations, Plants Around Us, Our Body, Our School, Family, Home and Neighbourhood, Clothes, Animals Around Us, People Who Help Us, Our Earth and Sky, Air, Water, Weather and Seasons, Good Habits and Manners, Good and Bad Touch, Safety Rules, Transport and Means of Communication.

CLASS-II

Our Country, Food, Festivals, Places of worship, Healthy Habits, Clothes and Shelter, Good and Bad Touch, Plants and Animals Around Us, Environment, Our Body Parts, Family and Neighbourhood, Our School, Our Helpers, Direction and Time, Weather and Seasons, Land, Air and Water, Earth and Universe, Famous Historical Monuments in India, Transport and Communication, Safety Rules.

CLASS-III
Transport and Communication, Occupations, Our Country (Basic features, Government, National Symbols, National Flag and Anthem), Important Metropolis (Delhi, Mumbai, Chennai, and Kolkata), Indian villages, Rules and Duties, Our Great Leaders, Early Man and Discovery of Fire, Beginning of Settled life, The Universe, The Earth, Learning about Directions, Globe and Map, Continents and Oceans, Our Environment, The Air, The Water, Seasons, Our Basic Needs (Food, Clothes and Shelter), Our Festivals.

CLASS-IV

Water Resources, Mineral Resources, Energy Resources, Soil, Natural Vegetation and Forests, Agriculture and Livestock, Important Industries of India, Transport and Communication, Our Heritage, Our National Symbols, Our Government, Public Services, Our Rights and Duties, Great Achievers of India, Our Country India: its Landscape and People, The Himalayan Region, The Indo-Gangetic Plain, The Thar Desert, The Peninsular Plateau, The Coastal Plains and Islands, The Climate of India, The Resources of India.

CLASS-V

Weather and Climatic Zones: The Equatorial Climate, Desert Climate, Frigid Zone, Grasslands, Pollution and Conservation of Environment, Natural Disasters and Mitigation, Transport and Communication, The Earth: Rotation and Revolution, Realm of the Earth, Latitude and Longitude, Major Landforms, Oceans and Rivers, Maps and Globes, Towards Growing Knowledge: Inventions and Discoveries, Living Healthy Life, Independence Movement of India: Arrival of British, Revolt of 1857, Freedom Struggle, Independent India and its Structure of Government, Other Regional Organisations, World Heritage Sites in India, Our Great Leaders and Achievers, Dates of International Importance, The UNO and its Organisations, India and United Nations.

CLASS-VI

1. History -The first farmers and herders, The first cities, Different ways of life, Early states, New ideas, The first empire, When, where and how, The earliest societies, Life in towns and villages, Contact with distant lands, Political developments, Culture and science.

2. Geography -Planet : Earth in the solar system, Globe : The model of the earth, latitudes and longitudes; motions of the earth, rotation and revolution. ,Maps : Essential components of maps distance, directions and symbols.,Four realms of the earth : Lithosphere, hydrosphere, atmosphere and biosphere : continents and oceans, Major relief features of the earth. ,India in the world : Physiographic divisions of India – mountains, plateaus and plains; climate; natural vegetation and wildlife; need for their conservation.

3. Making a Living-Rural Livelihoods, Urban Livelihoods.

4. Social and Political Life -Diversity, Government, Local Government: Both Urban and Rural, Panchayati Raj.

CLASS-VII

1. History : Architecture as Power: Forts and Sacred Places , Towns, Traders and Craftsmen , Social Change: Mobile and settled communities ,Where, When and How , New Kings and Kingdoms ,The Sultans of Delhi , The Creation of An Empire , Popular Beliefs and Religious Debates , The Flowering of Regional Cultures, New Political Formations in the Eighteenth Century.

2. Geography : , Environment in its totality: natural and human environment , Natural Environment: land – interior of the earth, rocks and minerals; earth movements and major land forms , Air – composition, structure of the atmosphere, elements of weather and climate – temperature, pressure, moisture and wind ,Water – fresh and saline, distribution of major water bodies, ocean waters and their circulation ,Natural vegetation and wild life ,Human Environment: settlement, transport and communication ,Human – Environment Interaction: life in desert regions – Sahara and Ladakh; life in tropical and subtropical regions – Amazon and Ganga-Brahmaputra; life in temperate regions – Prairies and Veldt.

3. Social and Political Life: ,Democracy: Historical as well as the key features that structure a democracy,Institutional Representation of Democracy: Universal Adult Franchise; Elections; Political parties and Coalition Governments ,Markets Around Us: Retail markets; Wholesale markets; People's access to market State Government: Its working and functioning, Understanding Media: Media and Democracy; Advertising, Unpacking Gender: Social Aspects; Economic Aspects.

CLASS-VIII

1. History: Rural Life and Society: Colonial agrarian policies; their effect on peasants and landlords; Growth of commercial crops; Peasant Revolution ,Where, When, How , The Establishment of Company Power , Colonialism and Tribal Societies: Chotanagpur and North-East; Changes within tribal economies and societies in the nineteenth century Tribal revolts- focus on Birsa Munda , Crafts and Industries: Decline of handicrafts in the nineteenth century; Brief reference to growth of industries in the twentieth century , The Revolt of 1857-58 , Education and British rule , Women and reform , Challenging the Caste System , Colonialism and Urban Change , Changes in the Arts: Painting, Literature, Architecture , The Nationalist Movement , India after Independence , Air – composition, structure of the atmosphere, elements of weather and climate – temperature, pressure, moisture and wind , Water – fresh and saline, distribution of major water bodies, ocean waters and their circulation ,Natural vegetation and wild life , Human Environment: settlement, transport and communication , Human – Environment Interaction: life in desert regions – Sahara and Ladakh; life in tropical and subtropical regions – Amazon and Ganga-Brahmaputra; life in temperate regions – Prairies and Veldt 3. Social and Political Life: , Democracy: Historical as well as the key features that structure a democracy , Institutional Representation of Democracy: Universal Adult Franchise; Elections; Political parties and Coalition Governments , State Government: Its working and functioning , Understanding Media: Media and Democracy; Advertising , Unpacking Gender: Social Aspects; Economic Aspects,Markets Around Us: Retail markets; Wholesale markets; People's access to market

2. Geography: , Resources: resources and their types – natural and human , Natural resources: their distribution, utilisation and conservation, land and soil, water, natural vegetation, wildlife, mineral and power resources (world patterns with special reference to India) , Agriculture: types of farming, major crops, food crops, fibres, beverages, agricultural development , Industries: classification of industries based on size, raw material, ownership; major industries and distribution; infrastructure and development; Iron and Steel (a comparative study of Jamshedpur and a centre in USA e.g., Detroit); Textile Industry (Ahmedabad and Osaka);Information Technology (Bangalore and Silicon Valley) , Human Resources – composition, population change, distribution and density

3. Rule of Law and Social Justice: , The Constitution , Parliamentary Government , The Judiciary , Social Justice and the Marginalised ,Economic Presence of the Government.

CLASS-IX

A. India and the Contemporary World: , French Revolution , Russian Revolution , Rise of Nazism.

B. Economies and Livelihoods: , Pastoralists in the modern world , Forest society and colonialism , Farmers and peasants.

C. Culture, Identity and Society: , Sports and politics , Clothes and cultures.

D. India - Land and the People: , India , Drainage ,Climate , Natural Vegetation , Wildlife , Population

E. Democratic Politics: , Democracy , Democracy in India , Electoral Politics in Democracy , Institutions of parliamentary democracy , Citizens' rights in democracy F. Understanding Economic

Development: , Three factors of production , People as Resource , Poverty as a challenge facing India
Food Security: G. Disaster Management , Introduction to Disaster Management , Common Hazards
Prevention and Mitigation: , Man made disasters - Nuclear, Biological and Chemical , Community
Based Disaster Management.

CLASS-X

A. India and the Contemporary World: • Nationalism in Europe • Nationalist Movement in India
China • Nationalism in India.
B. Economies and Livelihoods: • Industrialization 1850s - 1950s • Urbanization and Urban Lives •
Trade and Globalization.
C. Culture, Identity and Society: • Print culture and nationalism • History of the novel.
D. India - Resources and their Development: • Resources • Natural Resources • Forest and Wild Life
Resources • Water Resources • Agriculture • Mineral Resources • Power Resources •
Manufacturing Industries • Transport, Communication and Trade
E. Democratic Politics: • Power sharing mechanisms in democracy • Working of Democracy • Competition and contestations in
democracy • Outcomes of Democracy • Challenges to Democracy
F. Understanding Economic Development: • The Story of Development • Sectors of the Indian Economy • Money and Credit •
Globalisation • Consumer Awareness
G. Disaster Management • Tsunami • Safer Construction Practices • Survival Skills • Alternate Communication systems during disasters • Sharing
Responsibility.

Global Astronomy Olympiad

Class – 1

Sources of Water , Time, The Sky, On Earth, The Weather

Class – 2

Weather and Sea Sols , Our Earth, Directions and Maps, The Solar System, Air and Water

Class -3

The Solar System, Air around Us, Water and its Sources, Maps and directions, Weather,

Class -4

Our Earth, Weather and climate, Parallels and meridians, Movement of the earth, The universe,

Class-5

Introduction to Astronomy, The Earth and its Moon, Our Universe, Stars and the night sky,
Explore space

Class-6

Evolution of the universe, Interior of the sun, The night sky, Comets and asteroids, Famous
observatories

Class-7

The science of astronomy, Planetary systems, The structure of universe, Constellations, The stars

Class-8

The tour of the universe ,The night sky ,Structure of planets, Comets and asteroids , Introduction to
analyzing starlight

Class-9

The Universe, Night Sky Observation , Space Exploration, Planetary Astronomy , Sun's Fact

ग्लोबल हिन्दी ओलम्पियाड

कक्षा—1: भाषा, वर्ण एवं वर्णमाला, मात्राएँ, शब्द और वाक्य, नाम वाले शब्द, तरह-तरह के नाम, लड़का-लड़की, एक-अनेक, सब नामों के लिये, विशेषता बताने वाले शब्द, काम बताने वाले शब्द, उल्टे अर्थ वाले शब्द, शब्द ज्ञान, रंगीन दुनिया, आओ गिनती करें, आओ कहानी सुनें,

कक्षा—2: भाषा तथा इनके रूप, वर्ण एवं वर्णमाला, मात्राएँ, संज्ञा, सर्वनाम, लिंग, वचन, विशेषण, क्रियाविलोम शब्द, अनेक शब्दों एक शब्द, समान अर्थ वाले एक शब्द, दिन व महीने, चित्र — वर्णन

कक्षा — 3: शब्दार्थ, शुद्ध अशुद्ध शब्द, सम-विषम शब्द, अनेक शब्दों के लिए एक शब्द, विलोम शब्द, पर्यायवाची शब्द, मेल-बेमेल शब्द, व्यावहारिक हिन्दी

कक्षा — 4: रिक्त स्थान की पूर्ति, सम-विषम शब्द, मुहावरे, जोड़े-मिलान, शुद्ध-अशुद्ध शब्द, विलोम शब्द, पर्यायवाची शब्द, कारक चिन्हों का प्रयोग, मेल-बेमेल शब्द, सम्बन्ध वाले शब्द, स्वर, व्यंजन, तार्किकता, वर्तनी, शब्द भण्डार, व्यावहारिक हिन्दी

कक्षा — 5: रिक्त स्थानों की पूर्ति, सम-विषम शब्द, उपसर्ग तथा मूल शब्द अलग करना, विलोम शब्द, पर्यायवाची शब्द, मुहावरे, संधि, मेल-बेमेल शब्द, सम्बन्ध वाले शब्द, स्वर, व्यंजन, तार्किकता, वर्तनी, शब्द भण्डार, दैनिक जीवन में प्रयोग होने वाले शब्द, लिंग भेद, काल, वचन, कारक संज्ञा, सर्वनाम, क्रिया, सहायक क्रिया व्यावहारिक हिन्दी

कक्षा — 6: सम-विषम शब्द, संधि, मुहावरे, शब्दार्थ, उपसर्ग, भाषा ज्ञान, प्रत्यय, स्वर, दैनिक जीवन से संबंधित शब्द, भाषा-ज्ञान, विलोम शब्द, पर्यायवाची शब्द, कारक, चिन्हों का प्रयोग, सम्बन्ध वाले शब्द, स्वर, व्यंजन, तार्किकता, वर्तनी, शब्द भण्डार, काल, वचन, कारक, सर्वनाम, शब्दों का सही वाक्य प्रयोग करना, दो समान शब्दों का अन्तर स्पष्ट करना, व्यावहारिक व्याकरण

कक्षा — 7: शब्द विचार, विपरीतार्थक शब्द, संज्ञा, काल, शुद्ध-अशुद्ध शब्द, पर्यायवाची शब्द, अनेक शब्दों (वाक्यांश) के लिए एक शब्द, मुहावरे तथा लोकोक्तियाँ, वाक्य विचार, वाक्यों की सामान्य अशुद्धियाँ, शुद्ध शब्दों का चयन, अपठित गद्यांश

कक्षा — 8: भाग 1. वर्ण विचार, शब्द विचार, वर्तनी और उच्चारण, शब्द भेद (संज्ञा सर्वनाम विशेषण क्रिया विशेषण, क्रिया वाच्य समुच्चय बोधक अव्यय सम्बन्धबोधक अव्यय सम्बोधक पदबन्ध) भाग 2. शब्द रचना के तत्व, उपसर्ग, प्रत्यय, संधि, समास भाग 3. पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, समानार्थक प्रतीक होने वाले शब्द, अनेकार्थी शब्द समूहवाची शब्द, शब्द युग्म, मुहावरे और लोकोक्तियाँ, अलंकार भाग 4. (वाक्य) वाक्य विचार, वाक्य भेद, विराम चिह्न, अशुद्ध वाक्यों का संशोधन भाग 5. (रचना) अनुच्छेद लेखन, पत्र लेखन, क्रियात्मक हिन्दी

कक्षा — 9: वर्ण, वर्णमाला, 'र' के विभिन्न रूप, बिन्दु, अनुस्वार, नुक्ता, वर्ण विच्छेद उपसर्ग (संस्कृत, हिन्दी, उर्दू), प्रत्यय, समास, संधि, संज्ञा, सर्वनाम, परसर्ग पर्यायवाची शब्द, विलोम शब्द, एकार्थी शब्द, अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द, लिंग, वचन, धारक चिन्ह, क्रिया, विशेषण, क्रिया विशेषण, अलंकार वाक्य विचार विराम चिन्ह मुहावरे एवं लोकोक्तियाँ अलंकार पत्र लेखन (औपचारिक एवं अनौपचारिक) अनुच्छेद लेखन अशुद्ध वाक्यों का संशोधन, परिचर्चा, वाद-विवाद व्यावहारिक हिन्दी

कक्षा — 10: शब्द, पद और पदबन्ध, लिंग, वचन, कारक, धात, संज्ञा, सर्वनाम भेद, उपभेद, विशेषण-परिभाषा एवं भेद, क्रिया— क्रिया की रचना, भेद, परिवर्तन, अप्रत्यय वाक्य निर्माण, वाक्यों की संरचना, संधि भेद, विच्छेद, समास भेद, अंतर (औपचारिक एवं अनौपचारिक) लोकोक्तियाँ और मुहावरे, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, समानार्थक शब्द, अलंकार, अशुद्ध वाक्यों का शोधन पत्र लेखन, अनुच्छेद लेखन, व्यावहारिक हिन्दी




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