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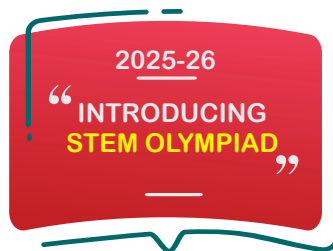
ONE OF THE BIGGEST
INTERNATIONAL
OLYMPIADS
ACROSS CONTINENTS

Syllabus Booklet



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iOM INTERNATIONAL Olympiad of Mathematics Mathematics	iOS INTERNATIONAL Olympiad of Science Science	iOEL INTERNATIONAL Olympiad of English Language English	iAIO INTERNATIONAL Artificial Intelligence Olympiad Artificial Intelligence	STEM Innovation Olympiad Science, Technology, Engineering & Maths	iiO INTERNATIONAL Informatics Olympiad Computer
SKGKO Smart Kid GK Olympiad General Knowledge	ABHO अखिल भारतीय हिन्दी ओलंपियाड हिन्दी भाषा	iSSO INTERNATIONAL Social Studies Olympiad Social Studies	iRAO INTERNATIONAL Reasoning & Aptitude Olympiad Reasoning & Aptitude	iTHO INTERNATIONAL Talent Hunt Olympiad Maths, Sci. & Reasoning	iSCO ICSI-SilverZone Commerce Olympiad Commerce

SOME OF THE PARTICIPATING COUNTRIES



For sample question papers, visit www.silverzone.org

iiO'25

International Informatics Olympiad

For Grades 11th & 12th
Detailed syllabus and sample paper
visit our website:
www.silverzone.org



Grade - 1

Introduction to computer, Main Parts of Computers, Uses of computer, Introduction to Keyboard & Mouse, Starting and Shutting down Computer, Introduction to MS Paint, Reasoning and Aptitude

Grade - 2

Types of computer Parts, Working of computer, Keyboard and mouse usage, Uses of computer in our world, Notepad, MS-Paint, WordPad, Reasoning and Aptitude

Grade - 3

Introduction to hardware and Software, Introduction to Windows 10MS-Paint, MS-Word 2016, Word, PadInternet, Notepad, Reasoning and Aptitude

Grade - 4

History of computer, Input and Output Devices, Memory and Storage Devices, Windows 10, Software Classification, MS Word 2016, MS-PowerPoint 2016, Internet, Reasoning and Aptitude

Grade - 5

Generation of Computer, MS-Windows 10, MS-Word 2016, Ms-Excel 2016, Powerpoint 2016, Internet and E-Mail, Reasoning

Grade - 6

Computer Languages, Small Basic, Algorithm & flow chart, Mail Merge/MS-Word, MS-Excel/MS-Power Point, Internet & Reasoning

Grade - 7

Basics of Operating System, Small Basic, Introduction to Number System, MS-Excel/MS-Word/MS-Power Point, Computer Viruses, Internet, Reasoning and Aptitude

Grade - 8

Memory And Storage, HTML, CSS, Computer Network, Data Representation and Number System, Reasoning and Aptitude

Grade - 9

Unit 1: Basics of Information Technology, Characteristics of a Computer System, Memory, Storage Devices, I/O Devices, Types of Software, Computer Networking, Multimedia, Unit 2: Cyber Safety, Safely Browsing the Web and Using Social Networks, Safely Accessing Websites, Unit 3: Office Tools, Word Processing, Presentation Tools, Spread sheets, Unit 4: Python Programming Language, Introduction to Programming, Data Types and Variables, Control Structures, Functions, Lists and Arrays, Input and Output

Grade - 10

Unit 1: Networking, Internet, Services available on the Internet, Web Services, Mobile Technologies, Unit 2: HTML Basics, Accessing a Web Page, HTML Tags, Font Tags, Inserting Images, HTML Forms, Embedding Audio and Video, Tables, Anchor Elements, CSS, Unit 3: Cyber Ethics, Netiquettes, Introduction to software licenses, Intellectual property rights, Freedom of information, e-commerce.

iOM'25

International Olympiad of Mathematics

For Grades 11th & 12th
Detailed syllabus and sample paper
visit our website:
www.silverzone.org



Grade - 1

Backward and Forward Counting, Ones and Tens, Addition, Subtraction, Comparison, Patterns, Money, Time, Measurement, Identification of Geometrical Figures, Reasoning and Aptitude.

Grade - 2

Ones, Tens and Hundreds, Addition, Subtraction, Multiplication, Division, Comparison, Patterns, Money, Time and Calendar, Measurement, Geometrical Figures, Reasoning and Aptitude.

Grade - 3

Number Sense and Numeration, Addition and Subtraction, Multiplication and Division, Fractions, Time and Calendar, Money, Measurement, Geometrical Shapes, Data Handling, Reasoning and Aptitude.

Grade - 4

Number Sense and Numeration, Addition and Subtraction, Multiplication and Division, Fractions and Decimals, Money, Unitary Method, Geometrical Shapes, Perimeter and Area, Data Handling, Reasoning and Aptitude.

Grade - 5

Number Sense and Numeration, Numbers in Operations, Factors and Multiples, Fractions and Decimals, Percentage, Ratio and Proportion, Time and Distance, Measurement, Geometry, Data Handling, Reasoning and Aptitude.

Grade - 6

Numbers and Their Operations, Factors and Multiples, Fractions and Decimals, Algebra, Ratio and Proportion, Mensuration, Geometry, Data Handling, Reasoning and Aptitude.

Grade - 7

Integers, Simplifying Arithmetic Expressions, Fractions and Decimals,

Rational Numbers, Exponents, Algebraic Expressions, Simple Equations, Ratio and Proportion, Percentage, Profit and Loss, Simple Interest, Lines and Angles, Triangles, Quadrilaterals, Perimeter, Area of Closed Figures, Arithmetic Mean, Median, Mode, Bar graphs, Reasoning & Aptitude.

Grade - 8

Rational Numbers, Exponents, Square and Square Root, Cube and Cube Root, Algebraic Expression and identities, Factorization, Linear Equation in one variable, Convex and Concave polygon, Understanding Quadrilateral, Direct and inverse proportions, Time and Work, Percentage, Discount and Taxes, Compound Interest and its Application, Surface area and volume of Cube, Cuboid and Cylinder, Introduction to Graphs, Line Graphs, Pie chart, Chance and Probability, Reasoning & Aptitude.

Grade - 9

Irrational Numbers, Real numbers and their Decimal expansions, Operation on real Numbers, Laws of Exponents for real numbers, Polynomials in one variable, Zeroes of a polynomial, Factorization of Polynomials, Algebraic Identities, Linear equation in two variables, Solution of Linear Equations, Co-ordinate geometry, Lines and angles, Triangles, Quadrilaterals, Circles, Heron's Formula, Bar graphs, Histogram, Frequency Polygon, Surface area and volume of Right Circular Cones and Spheres, Reasoning and Aptitude

Grade - 10

Rational and Irrational Numbers, Arithmetic Progression, Polynomials, Pair of Linear Equations in two variables, Quadratic equation, Distance Formula, Section Formula, Similar figures, Similarity of Triangles, Circles, Tangent to a circle, Trigonometry, Height and Distance, Mean, Mode and Median of grouped Data, Probability of Events, Surface Area and Volume, Reasoning and Aptitude.

ios'25

International Olympiad of Science

For Grades 11th & 12th
Detailed syllabus and sample paper
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www.silverzone.org



Grade - 1

Living and Non- Living Things, Plants, Animals, Air, Water and its Resources, Our Family and Neighbourhood, Safety Rules, Food We Eat, Clothes We Wear, Human Body, Reasoning and Aptitude.

Grade - 2

Living and Non- Living Things, The Plant Kingdom, The Animal Kingdom, Air, Water and Weather, Our Surroundings and Safety Rules, Our Universe, Food We Eat, Clothes We Wear, Parts of Human Body, Reasoning and Aptitude.

Grade - 3

Living and Non- Living Things, Animal Kingdom, Plant Kingdom, Matter, Motion and Transport, Communication and Safety Rules, Our Environment, Air, Water and Weather, Our Universe, Our Body, Reasoning and Aptitude.

Grade - 4

Functioning of Human Body, Rocks, Minerals and Soil, Our Environment, Universe, Plant Kingdom, Animal Kingdom, Work, Force and Energy, Matter, Reasoning and Aptitude.

Grade - 5

Matter, Our Environment, Natural Calamities, Housing, Plants, Animals, Light and Sound, Our Body and Nutrition, Work, Force, Energy and Simple Machines, Reasoning and Aptitude.

Grade - 6

Components of Food, Sorting Materials into Groups, Separation of Substances, Body Movements, Getting to Know Plants, The Living

Organisms-Characteristics and Habitats, Motion and Measurement of distances, Electricity and Circuits, Fun with Magnets, Light, Air, Reasoning and Aptitude.

Grade - 7

Light, Electric Current and Its Effects, Time and Motion, Respiration, Transportation in Plants and Animals, Reproduction in Plants, Heat, Acids, Bases and Salts, Physical and Chemical Changes, Wastewater Story, Forest, Nutrition in Plants, Nutrition in Animals, Reasoning and Aptitude.

Grade - 8

Crop Production, Microorganisms, Force and Pressure, Friction, Light, Sound, Chemical Effects of Electric Current, Reproduction in animals, Reaching the Age of Adolescence, Conservation of Plants and Animals, Coal and Petroleum, Combustion and Flame, Some Natural Phenomena, Reasoning and Aptitude.

Grade - 9

Matter in Our Surroundings, Is Matter Around Us Pure, Atoms and Molecules, Structure of the Atom, Cell, Tissues, Improvement in Food Resources, Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound, Reasoning and Aptitude.

Grade - 10

Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-metals, Carbon and Its Compounds, Life Processes, Control and Coordination, Reproduction, Heredity Reflection of Light, Refraction of Light, Human Eye, Electricity, Magnetic Effect of Electric Current, Environment, Reasoning and Aptitude.

iOEL'25-26

International Olympiad of English Language

For Grades 11th & 12th
Detailed syllabus and sample paper
visit our website:
www.silverzone.org



Grade - 1

Identification of Things & Objects, Use of small and capital letters, Alphabetical Order, Noun (Elementary), Pronoun (Elementary), Verb (Elementary), Use of A & An, Use of At, On & To, Vowel and Consonant, Words with same & opposite meaning, Spelling test, Jumbled words, Rhyming words, Comprehension Ability, Subject & predicate, Jumbled sentences, Types of sentence.

Grade - 2

Identification of Things & Objects, Alphabetical Order, Noun (Elementary), Pronoun (Elementary), Verb (Elementary), Use of A & An, Use of At, On & To, Vowel and Consonant, Words with same & opposite meaning, Spelling Test, Jumbled words, Rhyming words, Comprehension Ability, Subject & predicate, Jumbled sentences, Types of sentence.

Grade - 3

Parts of Speech, Articles, Use of possessive nouns, Tense (Elementary), Error finding, Jumbled words, Synonyms, Antonyms, One word substitution, Spelling Test, Comprehension Ability, Subject & predicate, Jumbled sentences, Types of sentence.

Grade - 4

Parts of Speech, Articles, Use of possessive nouns, Tenses, Error finding, Jumbled words, Synonyms, Antonyms, One word substitution, Spelling Test, Comprehension Ability, Subject &

predicate, Jumbled sentences, Types of sentence.

Grade - 5

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Tense, Error finding, Jumbled words, Synonyms, Antonyms, One word substitution, Spelling Test, Comprehension Ability, Subject & predicate, Jumbled sentences, Types of sentence, voice.

Grade - 6

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Tense, Error finding, Gerund & Infinitive, Jumbled words, Synonyms, Antonyms, One word substitution, Spelling Test, Idioms and phrases, Comprehension Ability, Paragraph & Story writing, Subject & predicate, Letter & Notice Writing, Jumbled sentences, Types of sentence, voice, Narration, Sentence Improvement, Choosing Appropriate Filler.

Grade - 7

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Gerund & Infinitive, Tense, Error finding, Jumbled words, Synonyms, Antonyms, One word substitution, Spelling Test, Idioms and phrases, Comprehension Ability, Paragraph & Story writing, Letter & Notice Writing, Narration, Voice, Types of Sentences, Jumbled sentences, Sequence of sentences, Clause, Question Tags, Sentence Improvement, Choosing Appropriate Filler, Close Test, Judging Completeness of Process.

Grade - 8

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Gerund & Infinitive, Tense, Error finding, Jumbled words, Synonyms, Antonyms, Homonyms, One word substitution, Spelling Test, Idioms and phrases, Comprehension Ability, Paragraph & Story writing, Letter & Notice Writing, Narration, Voice, Types of Sentences, Jumbled sentences, Sequence of sentences, Clause, Question Tags, Sentence Improvement, Choosing Appropriate Filler, Close Test, Judging Completeness of Process.

Grade - 9

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Gerund & Infinitive, Tense, Error finding, Jumbled words, Synonyms, Antonyms, Homonyms, One word substitution, Spelling Test, Idioms and phrases, Comprehension Ability,

SKGKO'25

Smart Kid General Knowledge Olympiad

Grade - 1

Important days, Means of transport, Means of communication, Buildings and monuments, Family and relation, Our surroundings & helpers, Places of worship, Animals, Vegetables, Fruits, Flowers, Body parts and sense organs, Food, Religious, National and family festivals, Personality, Objects, Indoor games & outdoor games, Players associated with sports.

Grade - 2

Our surroundings, My country, People and their profession, Means of communication, Books and authors, Important days, Dresses of India, India's neighbouring countries, Plants, Our body, Animals-homes and sounds, Insects, Birds, Universe, Seasons, Food, National, Religious and family festivals, Personality (India and the world), Indoor and outdoor games, Players associated with sports.

Grade - 3

Great moments, Historical buildings & monuments, Religious places, Books and authors, People and places of the world, Abbreviations, Flags of different countries, Oceans & continents, Current affairs, Features of Earth, Everyday science, solar system, Music and dance, films, States, Capitals & union territories (India & its neighbouring countries), Indoor & outdoor games, Players associated with sports.

Grade - 4

Continents and oceans, India's neighbouring countries, Indian states & capitals, Books and authors, great monuments, Types of profession, Religion, Abbreviations, Famous sites of the world, Human body, Everyday science, Inventions & inventors, Animal family, Our universe, Films actor and actress, Types of dance, Different types of sports, Major sporting events, Sports-personalities, Countries and their capitals and currencies, Cities of the world.

Grade - 5

Major Mountain Chains of the world, Flags of various countries, Dams & waterways, Famous institutions, Sanctuaries, Deserts and plateaus of the world, Religious places, Famous buildings and monuments, First in India & the world, Hill stations, Airports, Facts about India, Books and authors, Abbreviations, Current affairs, Human body, Everyday science, Inventions & inventors, Animal family, Our universe, Women in cinema, Film, Actor & actress, Types of dance, Major sporting events, Sports personalities, Terms associated with games, Countries and their capitals and currencies, Cities of the world.

Grade - 6

First in India & the world, Freedom struggle and freedom fighters of India, History of India & the world, First in different fields, Polity,

Paragraph & Story writing, Letter & Notice Writing, Narration, Voice, Types of Sentences, Jumbled sentences, Sequence of sentences, Clause, Question Tags, Sentence Improvement, Choosing Appropriate Filler, Close Test, Judging Completeness of Process.

Grade - 10

Parts of Speech, Articles, Determiners, Modals, Subject-verb agreement, Gerund & Infinitive, Tense, Error finding, Jumbled words, Synonyms, Antonyms, Homonyms, One word substitution, Spelling Test, Idioms and phrases, Comprehension Ability, Paragraph & Story writing, Letter & Notice Writing, Narration, Types of Sentences, Jumbled sentences, Sequence of sentences, Clause, Question Tags, Sentence Improvement, Choosing Appropriate Filler, Close Test, Judging Completeness of Process.



Places of the world, rivers, Weather & climate, Geographical features of India & the world, Sports, Films, Abbreviations, Books and authors, Countries, Capitals & currencies, Important dates, Highest honours of various countries, National & international awards, U.N.O. & its agencies, General science, Current Affairs.

Grade - 7

History of India & the world, First in India & the world, Indian freedom struggle, Important years, Famous slogans, First in different fields, Indian Constitution, Indian politics, Political parties, Elections in India, Geographical features of India & the world, Weather & climate, Places of the world, The universe, National parks, General Science, Economics, Books and authors, Abbreviations, Sports, Films, Countries, Capitals & currencies, Awards and honours, Research institutes, International organisation, Hill stations, Current Affairs.

Grade - 8

History of India & the world, First in India & the world, Indian freedom struggle, Important years, Famous slogans, First in different fields, Indian Constitution, Indian politics, Political parties, Elections in India, Geographical features of India & the world, Weather & climate, Places of the world, The universe, National parks, General Science, Economics, Books and authors, Films, Countries, Capitals & currencies, Awards and honours, Research institutes, International organisation, Hill stations, Current Affairs.

Grade - 9

History of India & the world, First in India & the world, Indian freedom struggle, Important years, Famous slogans, First in different fields, Indian Constitution, Indian politics, Political parties, Elections in India, Geographical features of India & the world, Weather & climate, Places of the world, The universe, National parks, General Science, Economics, Books and authors, Abbreviations, Sports, Films, Countries, Capitals & currencies, Awards and honours, Research institutes, International organisation, Hill stations, Current Affairs.

Grade - 10

History of India & the world, First in India & the world, Indian freedom struggle, Important years, Famous slogans, First in different fields, Indian Constitution, Indian politics, Political parties, Government, Elections in India, Geographical features of India & the world, Weather & climate, Places of the world, The universe, National parks, General Science, Economics, Books and authors, Abbreviations, Sports, Films, Countries, capitals & currencies, Awards and honours, Research institutes, International organisation, Hill stations, Current Affairs.

Grade - 1

Analogy, Patterns, Odd One Out, Ranking Test, Geometrical Shapes, Spatial Understanding, Measuring Units, Grouping, Money, Time and Calendar.

Grade - 2

Analogy, Patterns, Odd One Out, Ranking Test, Geometrical Shapes, Coding-Decoding, Grouping of Figures and Embedded figures, Measuring Units, Money, Time and Calendar.

Grade - 3

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/ Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces, Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 4

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/ Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces., Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 5

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, Odd pieces., Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 6

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/ Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Time and Clock, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces., Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 7

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/ Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations,

Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Cubes and Dices, Time, Clock and Calendar, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces., Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 8

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, Missing letters/ Numbers, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Ranking, missing characters etc., Box containing some number, you've to find missing number, Statement analysis, Statement conclusion, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces. Rule detection, Number System, Algebra, Geometry, Mensuration, Data Handling.

Grade - 9

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), English Dictionary based word arrangements, missing letters, Ranking, missing characters etc., Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Statement and argument, Syllogism, Data Interpretation, Mirrors and water reflection, Sequence of figures, Configuration, fitting pieces, odd pieces., English Grammar, Number System, Algebra, Geometry, Mensuration, Permutation and Combinations, Probability.

Grade - 10

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), Ranking, Missing characters etc, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Statement and Argument, Syllogism, Statement and Assumption, Statement - Courses of Action, Situation Reaction Test, Verification of Truth of the Statement, Mirror and Water Image, Configuration, Fitting Pieces, Odd Pieces, Dot Situation, English Grammar, Number System, Algebra, Geometry, Mensuration, Permutation and Combinations, Probability.

Grade - 11

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), Ranking, missing characters etc, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Syllogism, Logic Venn Diagram, Mirror and Water Image, Configuration, Fitting Pieces, Odd Pieces., English Grammar, Number System, Algebra, Geometry, Mensuration, Permutation and Combinations, Probability.

Grade - 12

Analogy (both word-based and numerical), Odd One Out (both word-based and numerical), Ranking, missing characters etc, Coding-Decoding, Symbols, Maths operations, Sitting arrangement, Blood relations, Direction Test, Syllogism, Logic Venn Diagram, Statement and Conclusion, Mirror and Water Image, Configuration, Fitting Pieces, Odd Pieces, Sequence of figures, English Grammar, Number System, Algebra, Geometry, Mensuration, Permutation and Combinations, Probability.

Grade - 1

Section A (Science): Plants, Living and Non Living Things, Animals, Food, Air and Water, Human Body.

Section B (Technology & Engineering): Introduction to Computer, Uses of Computer, Parts of Computer, Introduction to Artificial Intelligence, Intelligence Assessment with Logical Reasoning.

Section C (Mathematics): Numbers and its Counting, Operation of Addition and Subtraction, Money, Time, Measuring Length, Weight and Volume, Identifying Patterns, Visualizing Shapes.

Grade - 2

Section A (Science): Plants, Our Universe, Animals, Food, Air and Water, Human Body.

Section B (Technology & Engineering): Introduction to Computer, Types of computer, Uses of Computer, Parts of Computer, Working of Computer, Keyboard and Mouse, Introduction to Artificial Intelligence, Intelligence assessment with Logical Reasoning.

Section C (Mathematics): Knowing Numbers, Fundamental Operation of Numbers, Patterns, Uses of Numbers in Daily Life, Measurement, Identifying 2D and 3D Shapes.

Grade - 3

Section A (Science): Understanding Motion' Force and its Impacts, The Magical World of Planets, Moons and Stars, The Three Physical States of Matter, Sensors of Human Body, Kingdom of Plants and Animals.

Section B (Technology & Engineering): Information Technology - Introduction to Hardware and Software, Usage of Internet, Coding using 'Scratch' - Block-based Programming Language (Beginner), Introduction to Artificial Intelligence [AI vs Human Intelligence], Intelligence assessment with Logical Reasoning.

Section C (Mathematics): Exploring Numbers, Splitting a Number; Daily Mathematics; Geometrical Shapes; Working on Data

Grade - 4

Section A (Science): Forces and Their Applications, Energy and Its Different Forms, Our Magical Solar System, The Three Physical States of Matter, Kingdom of Plants and Animals, Systems Inside Our Body

Section B (Technology & Engineering): Information Technology - More on Hardware and Software, Application of Internet and Security; Coding Using 'Scratch' - Block-Based Programming Language (Intermediate), Introduction to Artificial Intelligence [AI Smart Homes], Intelligence Assessment with Logical Reasoning

Section C (Mathematics): Working with Numbers; Dividing A Whole; Everyday Mathematics; Understanding Geometrical Shapes; Representing Data

Grade - 5

Section A (Science): Force, Work & Energy, The Simple Machines, Light: The Fastest Thing, Forces of Nature: Natural Calamities; Imagine the Unimaginable: Universe, Systems Inside Our Body

Section B (Technology & Engineering): Information Technology - Computer Fundamental, Windows OS, Introduction to MS-Office, Internet and Communication, Introduction and Basics of Programming Language, Coding Using 'Scratch' - Block-based Programming Language (Advanced), Artificial Intelligence [Domains of AI], Intelligence assessment with Logical Reasoning

Section C (Mathematics): Number Sense and Numeration, Understanding Fractions, Ratio and Its Application, Geometrical shapes, Measuring Temperature, Handling Data

Grade - 6

Section A (Science): Everyday Science, Story of Movement, Light Rays and

Their Interesting behaviour, Magic of Magnet, Current and Its Path, Movement in living World

Section B (Technology & Engineering): AI - Introduction to AI, The Birth of AI, Understanding AI, Future of AI, New Technologies (Augmented Reality); Coding - Introduction of Coding, Algorithms with Block Coding, Variables using Block Coding, Control with Conditionals, Loops Using Block Coding; Intelligence Assessment with Logical Reasoning - Series Completion, Blood Relation, Direction Sense Test, Geometrical Shapes, Mirror and Water Reflections

Section C (Mathematics): Numbers and its Operations, Comparing Quantities, Algebra, Geometry, Mensuration, Data Handling

Grade - 7

Section A (Science): Light and Its Interaction with Objects; Current and Its Effects, Concept of Motion and Time, Understanding Temperature, Sour, Bitter and Salty Tastes of Substances, Components of Environment, The Processes That Make Life Possible

Section B (Technology & Engineering): AI - Introduction to AI, Application Area of AI, Ethics of AI, Future of AI, New Technologies [Virtual Reality], Coding - Understanding Programming Languages, Variable in Real Life, Sequencing with Block Coding, Fun with Functions, Understanding Arrays and Collections, Intelligence Assessment with Logical Reasoning - Series Completion, Blood Relation, Analogy and Classification, Coding & Decoding, Cubes and Dice

Section C (Mathematics): Number System; Algebra, Comparing Quantities, Geometry, Handling Data, Mensuration

Grade - 8

Section A (Science): Some Important Physical Quantities, Some Natural Phenomena, Important Materials, World Beyond Earth, Systems Inside Human Body

Section B (Technology & Engineering): AI- Introduction to AI, History of AI, Application of AI, Future of AI, AI Ethics and Bias, Coding - Conditionals in Details, Get Creative with Loops, Functions, Programming with Arrays, Advanced Sequencing, Intelligence Assessment with Logical Reasoning - Series Completion, Classification, Direction Sense Test, Coding & Decoding, Image Reflection

Section C (Mathematics): Rational Numbers, Algebra, Geometry, Ratio and Its Application, Mensuration, Handling Data

Grade - 9

Section A (Science): Chemical Composition of Our Physical World, Force & Motion, Gravitation, Work & Energy, Sound, Cell and Tissues

Section B (Technology & Engineering): AI - Introduction to AI, AI Project Cycle, Neural Networks, Coding - Coding with Python - Intermediate, Intelligence Assessment with Logical Reasoning - Series Completion, Blood Relation, Syllogism, Inserting Missing Number, Figures Sequence

Section C (Mathematics): Rational Numbers, Algebra, Linear Equation and Coordinate Geometry, Geometry, Handling Data, Mensuration

Grade - 10

Section A (Science): Chemical Elements and Their Properties, Life Processes, Light and Image Formation, Flow of Electrons and Magnetism, Energy and Its Sources

Section B (Technology & Engineering): AI- Foundational Concepts of AI, Understanding AI Project Cycle, Computer Vision, Natural Language Processing, Coding - Coding with Python - Advance; Intelligence Assessment with Logical Reasoning - Direction Test, Venn Diagram, Logical Sequence, Mathematical Operations, Coding & Decoding

Section C (Mathematics): Real Numbers and Number Series, Algebra and Coordinate geometry, Geometry, Trigonometry and its Application, Mensuration, Statistics and Probability.

Grade - 1: Our Body, Our School, Family, Home and Neighbourhood, Clothes, Food, Shelter, Festivals and Celebrations, Plants and 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 Communication, National Symbols, Sun and Moon.

Grade - 2: Our Body Parts, Family and Neighbourhood, Our School, Our Helpers, Our Country, Food, Festivals, Places of Worship, Clothes and Shelter, Famous Historical Monuments in India, Environment, Weather and Seasons, Land, Air and Water, Earth and Universe, Plants and Animals around us, Transport and Communication, Direction and Time, Safety Rules, Healthy Habits, Good and Bad Touch, National Symbols, Great People.

Grade - 3: Family of Sun and Our Earth, Our Environment, Seasons, Air and Water, Our Country and National Symbols, Four Metro Cities, Our Food, Clothes, Shelter, Festivals, Occupations, Transport and Communication, Story of Fire, Beginning of Settled Life Body Parts, Family, Safety Rules, Solar System, Freedom Fighters, Land, Agriculture.

Grade - 4: Our Country India, Its Landscape and People, Climate and Season, Natural Vegetation, Resources of India: Soil, Air and Water, Agriculture and Industry, Transport and Communication, Our Heritage and National Symbols, Our Govt, Rights and Duties, Public services, Solar System, Moon, Artificial Satellites and Sports.

Grade - 5: Freedom Struggles and Independence, Important Dates, Great Personalities and Achievers, Inventions and Discoveries, Structure of Government, Fundamental Rights and Duties, United Nations and Other Regional organisations, Landforms, Weather and Climatic Zones, Map, Natural Disaster and Mitigation, Music styles and Dance forms, World Heritage Sites, Handicrafts, Pollution, Conservation of Environment, Healthy Lifestyle, Transport and Communication, Migration.

Grade - 6: History, Geography, Social and Political Life.

Grade - 7: History, Geography, Social and Political Life.

Grade - 8: History, Geography, Social and Political life.

Grade - 9: History, Geography and Disaster Management, Democratic Politics, Economic Development.

Grade - 10: History, Geography and Disaster Management, Democratic Politics, Economic Development.

सिल्वरज़ोन अखिल भारतीय हिन्दी ओलम्पियाड - 2025

कक्षा-1: भाषा क्या है?, वर्ण व वर्णमाला का ज्ञान, मात्रा का ज्ञान, शब्द और वाक्य, अनुस्वार व अनुनासिक का ज्ञान, लिंग का ज्ञान, संज्ञा, वचन, सर्वनाम, विशेषण, कामों के नाम, उल्टे अर्थ वाले शब्द (विलोम शब्द), अनेक शब्दों के लिए एक शब्द, गिनती, कहानी, निबंध।

कक्षा-2: भाषा, वर्ण-विचार, शब्द और वाक्य, संज्ञा, लिंग, वचन, सर्वनाम, विशेषण, क्रिया, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, पर्यायवाची शब्द, शुद्ध-अशुद्ध शब्द, मुहावरे, गिनती, दिन और महीने, कहानी लेखन, निबन्ध लेखन

कक्षा-3: शब्दार्थ, शुद्ध-अशुद्ध शब्द, सम-विषम शब्द, अनेक शब्दों के लिए एक शब्द, विलोम शब्द, पर्यायवाची शब्द, संज्ञा, सर्वनाम, क्रिया-विशेषण, व्यावहारिक हिन्दी, स्वर, व्यंजन, प्रत्यय, उपसर्ग, मुहावरे और वर्तनी, चन्द्रबिंदु (अनुनासिक), बिंदु (अनुस्वार), अपठित गद्यांश एवं पद्यांश

कक्षा-4: रिक्त स्थान की पूर्ति, सम-विषम शब्द, मुहावरे, जोड़े-मिलान, शुद्ध-अशुद्ध शब्द, विलोम शब्द, पर्यायवाची शब्द, कारक चिह्नों का प्रयोग, संबंध वाले शब्द, स्वर, व्यंजन, तार्किकता, वर्तनी सुधार, शब्द भण्डार, व्यावहारिक हिन्दी, प्रत्यय, उपसर्ग, संज्ञा, सर्वनाम, क्रिया, विशेषण, अपठित गद्यांश एवं पद्यांश

कक्षा-5: रिक्त स्थान की पूर्ति, सम-विषम शब्द, विलोम शब्द, पर्यायवाची शब्द, मुहावरे, संधि, सम्बन्ध वाले शब्द, स्वर, व्यंजन, तार्किकता, वर्तनी सुधार, शब्द भण्डार, दैनिक जीवन में प्रयोग होने वाले शब्द, लिंग भेद, काल, वचन, कारक, संज्ञा, सर्वनाम, क्रिया, विशेषण, सहायक क्रिया, व्यावहारिक हिन्दी, प्रत्यय, उपसर्ग, अपठित गद्यांश एवं पद्यांश

कक्षा-6: सम-विषम शब्द, संधि, मुहावरे, शब्दार्थ, उपसर्ग, भाषा ज्ञान, प्रत्यय, क्रिया, दैनिक जीवन से संबंधित शब्द, विलोम शब्द, पर्यायवाची

शब्द, कारक चिह्नों का प्रयोग, संबंध वाले शब्द, स्वर, व्यंजन, विशेषण, वर्तनी, शब्द भण्डार, काल, वचन, कारक, सर्वनाम, शब्दों का सही वाक्य प्रयोग करना, दो समान शब्दों का अंतर स्पष्ट करना, अपठित गद्यांश एवं पद्यांश, अलंकार, समास

कक्षा-7: शब्द-विचार, विपरीतार्थक शब्द, संज्ञा, काल, शुद्ध-अशुद्ध शब्द, पर्यायवाची शब्द, अनेक शब्दों (वाक्यांश) के लिए एक शब्द, मुहावरे, वाक्य विचार, वाक्यों की सामान्य अशुद्धि संशोधन, शुद्ध शब्दों का चयन, अपठित गद्यांश एवं पद्यांश, संधि, अलंकार, समास, स्वर, व्यंजन, सर्वनाम, वचन, क्रिया, विशेषण

कक्षा-8: वर्ण विचार, शब्द विचार, वर्तनी और उच्चारण, संज्ञा, सर्वनाम, विशेषण, क्रिया-विशेषण, क्रिया, समुच्चय बोधक अव्यय, संबंधबोधक अव्यय, उपसर्ग, प्रत्यय, संधि, समास, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, समानार्थक प्रतीत होने वाले शब्द, अनेकार्थी शब्द, समूहवाची शब्द, शब्द युग्म, मुहावरे और अलंकार, वाक्य भेद, विराम चिह्न, अशुद्ध वाक्यों का संशोधन, अपठित गद्यांश एवं पद्यांश

कक्षा-9: भाषा ज्ञान, वर्ण, वर्णमाला, 'र' के विभिन्न रूप, बिन्दु (अनुस्वार), चन्द्रबिन्दु (अनुनासिक), नुक्ता, शब्द और पद, उपसर्ग (संस्कृत, हिन्दी, उर्दू), प्रत्यय, समास, संधि, संज्ञा, सर्वनाम, पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द, लिंग, वचन, कारक चिह्न, क्रिया, विशेषण, क्रिया-विशेषण, अलंकार, वाक्य, अर्थ की दृष्टि से वाक्य भेद, विराम-चिह्न, मुहावरे, अपठित गद्यांश एवं पद्यांश, अशुद्ध वाक्यों का संशोधन, व्यावहारिक हिन्दी

कक्षा-10: शब्द, लिंग, वचन, कारक, संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, वाक्य, वाक्य की परिभाषा, रचना के आधार पर वाक्य भेद, संधि, समास, मुहावरे, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, समानार्थक शब्द, अलंकार, अशुद्ध वाक्यों का शोधन, व्यावहारिक हिन्दी, अलंकार, पदबंध, प्रत्यय, उपसर्ग, अपठित गद्यांश एवं पद्यांश

- The ITHO (International Talent Hunt Olympiad) syllabus for classes 1st to 10th covers Science, Mathematics, and Reasoning & Aptitude.
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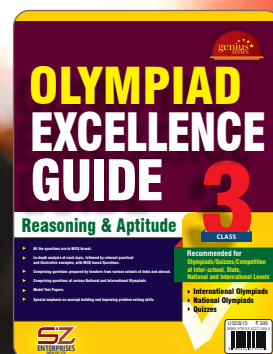
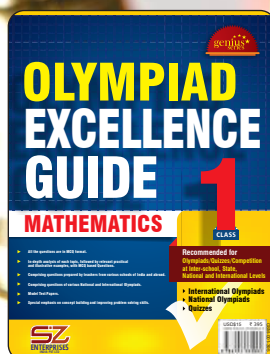
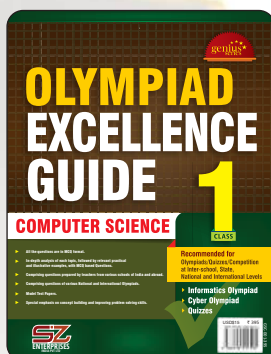
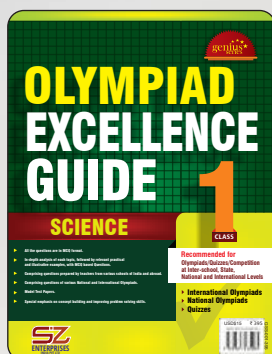
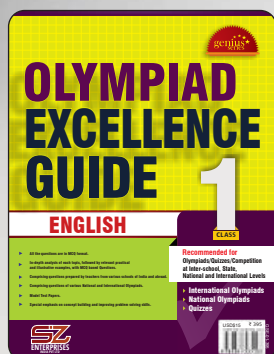
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