

International Science Olympiad (ISO)

Science Olympiad Syllabus Class 1

SECTION 1 - SUBJECTIVE

Chapter 1: Me and My Body
Chapter 2: Plants around Us
Chapter 3: Animals around Us
Chapter 4: Living and Non-Living
Chapter 5: Our Needs
Chapter 6: Good Habits
Chapter 7: Earth and Sky
Chapter 8: Transport
Chapter 9: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Patterns, Measuring Units (Verbal), Geometrical Shapes, Odd One Out, Spatial Understanding, Grouping, Analogy, Ranking, Symmetry, Paper Folding, Paper Cutting, Situation Reaction, Mirror Image, Water Image.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 2

SECTION 1 - SUBJECTIVE

Chapter 1: Festival and Celebration
Chapter 2: The Night Sky
Chapter 3: Food, Clothing and Shelter
Chapter 4: Transport and Communication
Chapter 5: Know Your Body
Chapter 6: Occupation
Chapter 7: Good Habits and Safety Rule
Chapter 8: Plants around Us
Chapter 9: Animals around Us
Chapter 10: Air, Water and Weather
Chapter 11: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Patterns, Measuring Units, Geometrical Shapes, Odd One Out, Analogy, Ranking Test, Grouping Figures, Coding-Decoding, Symmetry, Paper Folding, Paper Cutting, Situation Reaction, Mirror Image, Water Image.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 3

SECTION 1 - SUBJECTIVE

Chapter 1: Food

Chapter 2: Transport and Communication

Chapter 3: Housing and Clothing

Chapter 4: Birds

Chapter 5: Plants

Chapter 6: Animals

Chapter 7: Living and Non-Living

Chapter 8: Human Body

Chapter 9: Weather and Sky

Chapter 10: Light and Sound

Chapter 11: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Number Series, Analogy and Classification, Alphabet Test, Coding-Decoding, Ranking Test, Grouping of Figures and Matrix, Mirror Images, Geometrical Shapes, Embedded Figures, Days and Dates and Possible Combinations, Blood Relations, Direction Sense Test, Water Images, Logical Sequence of Words and Letters.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 4

SECTION 1 - SUBJECTIVE

Chapter 1: States of Matter

Chapter 2: Birds

Chapter 3: Clothing

Chapter 4: Animal

Chapter 5: Earth and its Neighbour

Chapter 6: Our body

Chapter 7: Plants

Chapter 8: Environment

Chapter 9: Food

Chapter 10: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Days and Dates and Possible Combinations, Analogy and Classification, Water Images, Blood Relations, Number Series, Grouping of Figures and Matrix, Logical Sequence of Words and Letters.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 5

SECTION 1 - SUBJECTIVE

Chapter 1: States of Matter

Chapter 2: Environment and Us

Chapter 3: Busy at Work - Our Internal Organs

Chapter 4: Community and Health Hygiene

Chapter 5: Force, Work, and Energy

Chapter 6: Solar System

Chapter 7: Natural Resources

Chapter 8: Fuels and Energy

Chapter 9: All about Crop

Chapter 10: Sense and Emotion

Chapter 11: Disease and Its Prevention

Chapter 12: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Analogy and Classification, Mirror and Water Image, Direction Sense Test, Ranking Test, Puzzle Test (Verbal), Coding-Decoding, Venn Diagram, Series, Blood Relations, Figure Matrix, Mathematical Operations, Alphabet Test, Cubes and Dice.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 6

SECTION 1 - SUBJECTIVE

Chapter 1: Separation of Mixtures
Chapter 2: Changes around Us
Chapter 3: Magnetism
Chapter 4: Movement in Living Beings
Chapter 5: Food and Nutrition
Chapter 6: Classification of Materials
Chapter 7: Light
Chapter 8: Electric Circuits
Chapter 9: Motion
Chapter 10: Living Organism and Its Classification
Chapter 11: Substances in Daily Use
Chapter 12: Air
Chapter 13: Measurement and Distance
Chapter 14: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Series Completion and Inserting the Missing Character, Alpha-Numeric Sequence, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagram, Puzzle, Mathematical Operations, Analytical Reasoning, Mirror and Water Images, Embedded Figures and Figure Formation, Figure Matrix, Ranking, Cubes and Dice..

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 7

SECTION 1 - SUBJECTIVE

Chapter 1: Natural Resources and Calamities

Chapter 2: Waste Water Management

Chapter 3: Reproduction in Living Things

Chapter 4: Classification of Substances

Chapter 5: Light Propagation

Chapter 6: Water

Chapter 7: Organization of Living Things

Chapter 8: Circulation

Chapter 9: Acids, Bases and Salts

Chapter 10: Heat

Chapter 11: Adaptation

Chapter 12: Food

Chapter 13: Control and Co-Ordination

Chapter 14: Electricity

Chapter 15: Sound and Its Propagation

Chapter 16: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Series Completion and Inserting the Missing Character, Alpha-Numeric Sequence, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagram, Puzzle, Mathematical Operations, Analytical Reasoning, Mirror and Water Images, Embedded Figures and Figure Formation, Figure Matrix, Ranking, Construction of Squares.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 8

SECTION 1 - SUBJECTIVE

Chapter 1: Biological Diversity
Chapter 2: Disease
Chapter 3: Structure of Cell
Chapter 4: Metal and Non-Metal
Chapter 5: Air and Its Pollution
Chapter 6: Atmospheric Pressure
Chapter 7: Chemical Reaction
Chapter 8: Light
Chapter 9: Properties of Substance
Chapter 10: Respiration
Chapter 11: Stars and Our Solar System
Chapter 12: Structure of an Atom
Chapter 13: Energy and Its Forms
Chapter 14: Soil and Agriculture
Chapter 15: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Series Completion and Inserting the Missing Character, Alpha-Numeric Sequence, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagram, Puzzle, Mathematical Operations, Analytical Reasoning, Mirror and Water Images, Embedded Figures and Figure Formation, Figure Matrix, Ranking, Construction of Squares.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 9

SECTION 1 - SUBJECTIVE

Chapter 1: Matter and Its Properties
Chapter 2: Life around Us
Chapter 3: Food and Health
Chapter 4: Energy and Work
Chapter 5: Music
Chapter 6: Friction and Force
Chapter 7: Gravitation
Chapter 8: Sun
Chapter 9: Reproduction
Chapter 10: Crop and Its Management
Chapter 11: Unit of Life
Chapter 12: Motion and Its Laws
Chapter 13: Solid Waste Management
Chapter 14: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Series Completion, Alpha Numeric, Analogy, Classification, Coding-Decoding, Blood Relations, Puzzle Test, Sequential Output Tracing, Direction Sense Test, Logical Venn Diagrams, Alphabet Test, Ranking, Mathematical Operations, Inserting the Missing Character.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.



Science Olympiad Syllabus Class 10

SECTION 1 - SUBJECTIVE

Chapter 1: Acid, Base & Salts

Chapter 2: Life's Internal Secret

Chapter 3: How Do Organisms Reproduce?

Chapter 4: Wonders of Life

Chapter 5: Metals and Non-Metals

Chapter 6: Regulators

Chapter 7: Electromagnetism

Chapter 8: School of Element

Chapter 9: Amazing World of Carbon Compound

Chapter 10: Mapping of Genes

Chapter 11: Our Environment and Management

Chapter 12: Logical Reasoning

SECTION 2 - LOGICAL REASONING

Series Completion, Alpha Numeric, Analogy, Classification, Coding-Decoding, Blood Relations, Puzzle Test, Sequential Output Tracing, Direction Sense Test, Logical Venn Diagrams, Alphabet Test, Ranking, Mathematical Operations, Inserting the Missing Character.

SECTION 3 - HOT's (HIGH ORDER THINKING SECTION)

High Order Thinking Section contains questions related to Section 1 - Subjective.

