

Pre-Nurture & Career Foundation

[For English Medium Students Only]

Study Material Syllabus for CLASS - VII CBSE

SESET-F1

| | |
|--------------------------|--|
| Foundation Biology-1 | Nutrition in Plants, Nutrition in Animals, Weather, Climate and Adaptations of Animals to Climate, Soil. |
| Foundation Physics-1 | Heat, Winds, Storms and Cyclones, Motion and Time. |
| Foundation Chemistry-1 | Fibre to Fabric, Acids, Bases and Salts. |
| Foundation Mathematics-1 | Integers, Fractions, Decimals, Data Handling. |
| Foundation Mathematics-2 | Simple Equations, Lines and Angles, The Triangles and Its Properties, Congruence of Triangles. |
| Foundation SST-1 | History: Tracing Changes through a Thousand Years, New Kings and Kingdoms Civics: Equality. Geography: Our Environment, Inside Our Earth, Our Changing Earth. |
| Foundation SST-2 | History: The Delhi Sultans, The Mughal Empire, Rulers and Buildings, Towns, Traders and Crafts persons. Civics: The State Government - (a) Role of the Government in Health, (b) How State Government Works. Geography: Air, Water. |
| Foundation English-1 | Section A (Grammar): Grammar Recap, Nouns, Pronouns, Adjectives, Verbs & Tenses, Modals, Articles and Determiners, Active and Passive Voice, Punctuations. Section B (Vocabulary): Synonyms and Antonyms, One word for Many. Section C (Writing): Letter Writing, Notice Writing. Section D (Comprehension): Comprehension. |

SESET-A TARGET:: Science/Maths/English Olympiads

| | |
|---------------------|--|
| Advance Biology | Nutrition in Plants and Animals, Movement in Plants and Animals, Weather Climate and Adaptation, Soil, Respiration in Plants and Animals, Transportation in Plants and Animals, Excretion, Reproduction in Plants, Forest. |
| Advance Physics | Heat, Winds, Storms and Cyclones, Motion and Time, Current Electricity & its Effects, Light. |
| Advance Chemistry | Element, Compound & Mixtures, Atomic structure, Natural fibres from animals, Acids, Bases & Salts, Physical & Chemical changes, Chemistry in everyday life, Water, Waste water management. |
| Advance Mathematics | Integers, Fractions, Decimals, Rational Numbers, Squares, Cubes & their roots, Exponents & Powers, Algebraic Expressions, Simple Equations, Lines & Angles, Triangles & Its Properties, Congruence of Triangles, Polygons, Data Handling, Mensuration, Symmetry, Solid Visualising Shapes, Ratio, Proportion and Variation, Percentage, and Its application, Simple Interest, Time and Work, Profit Loss and Discount, Time and Distance, Sets. |
| Mental Ability | Verbal : Direction Sense Test , Series, Coding & Decoding, Inserting The Missing Characters, Number, Ranking and Time Sequence Test, Alphabet Test, Analogy, Classification, Mathematical Operations, Sitting Arrangement, Blood Relation, Logical Venn Diagram, Alpha Numeric Sequence Puzzle & Logical Sequence of Words, Completion. Non Verbal: Series, Mirror and Water Images, Analogy, Classification, Cubes & Dice, Analytical Reasoning, Dot Situation, Paper Folding and Paper Cutting, Figure matrix, Embedded Figures, Figure formation, Construction of squares and Grouping of Identical Figures, Completion of Incomplete Pattern. |
| Advance English | Comprehension, Composition : Notice, Letters, Sequences : Stories, Events, Nouns & Pronouns, Verbs & Tenses, Adverbs and Adjectives, Articles, Determiners, Punctuations, Preposition & Conjunctions, Modals, Active & Passive Voice, Direct-Indirect Speech, Collocations, Phrasal Verbs, Sentence & Sequencing, Dialogue Completion, Word Power : Synonyms & Antonyms, Spellings, Classified Topics Vocabulary, Word Power : Idioms and Proverbs, Analogies, Error Spotting, Sample Paper |

TARGET : NMTC Round - 1

| | |
|-------------------------|--|
| Excellent Mathematics-1 | Basic Number Operations, Pattern Detection Ratio & Percentage, Clock, Time & Distance, Indices, Algebra, Geometry, Logical Arguments, Number Theory, Data Handling |
|-------------------------|--|

SESET-F2

| | |
|--------------------------|---|
| Foundation Biology-2 | Respiration in Organisms, Transportation in Plants and Animals, Reproduction in Plants, Forests: Our Lifeline |
| Foundation Physics-2 | Current Electricity & its Effects, Light |
| Foundation Chemistry-2 | Physical and Chemical Changes, Water-A precious resource, Waste Water Story |
| Foundation Mathematics-3 | Comparing Quantities, Rational Numbers, Practical Geometry, Perimeter & Area |
| Foundation Mathematics-4 | Algebraic Expressions, Exponents and Powers, Symmetry, Visualising Solid Shapes |
| Foundation SST-3 | History: Social Change: Mobile and Settled Communities, Popular Beliefs and Religious Debates. Civics: Understanding the Media, Unpacking Gender. Geography: Elements of Weather and Climate, Natural Vegetation and Wildlife, Human Environment - Settlement, Human Environment - Transport and Communication. |
| Foundation SST-4 | History: The Flowering of Regional Cultures, New Political Formations in the Eighteenth Century Civics: Markets Around Us, A shirt in the market, Struggles for Equality Geography: Life in Desert Regions: Sahara and Ladakh, Tropical and Subtropical Region, Life in Temperate Regions |
| Foundation English-2 | Section A (Grammar): Subject Verb Agreement, Direct & Indirect Speech, Conjunctions, Adverbs, Phrases & Clauses, Prepositions. Section B (Vocabulary): Best Word Vocabulary, Idioms and Phrases. Section C (Writing): Message Writing, Diary Entry Section D (Integrated Grammar Exercise): Error Spotting |

SESET-E* TARGET:: NMTC Final Round

| | |
|-------------------------|---------------------------|
| Excellent Mathematics-2 | Same Topics as in Round-1 |
|-------------------------|---------------------------|

* Module will be dispatched to NMTC Round-1 Qualified Students.