

## NSET-F1

Foundation Biology-1	Cell, Tissue, Improvement in Food Resources
Foundation Physics-1	Motion, Force and Laws of Motion, Gravitation
Foundation Chemistry-1	Matter in Our Surroundings, Is Matter Around us Pure?
Foundation Mathematics-1	Number System, Polynomials, Introduction to Euclid's Geometry
Foundation Mathematics-2	Lines and Angles, Triangles, Co-ordinate Geometry, Heron's Formula
Foundation SST-1	History: The French Revolution, The Russian Revolution, Nazism and Rise of Hitler Geography: India Size And Location. Economics: The Story of Village Palampur.
Foundation SST-2	Civics: What is Democracy, Why Democracy, Constitutional Design Geography: Physical Features of India, Drainage Economics: People as resources
Foundation English-1	Section A (Grammar): Verb Forms - Tenses, Conditionals, Subject - Verb Concord, Modals, Connectors, Active - Passive Voice, Reported Speech, Prepositions, Determiners, Articles, Integrated Grammar Exercises. Section B (Writing): Letter Writing, E-Mail Writing, Article Writing, Debate Writing, Speech Writing, Bio-sketch, Diary Entry, Story Writing, Report Writing. Section C (Literature): BEEHIVE: Figures of Speech, The Fun They Had, The Road Not Taken, The Sound Of Music, Wind, The Little Girl, Rain On The Roof, A Truly Beautiful Mind, The Lake Isle Of Innisfree, The Snake And The Mirror, A Legend Of Northland. MOMENTS: The Lost Child, The Adventures of Toto, Iswaran The Storyteller, In The Kingdom of Fools, The Happy Prince

## NSET-A TARGET :: Science / Maths / English Olympiads

Advance Biology	Cell - Unit of Life, Tissue, Diversity in Living Organisms, Diseases, Natural Resources, Improvement in Food Resources
Advance Physics	Motion, Force and NLM, Gravitation, Fluid Mechanics, Work, Energy, Power, Sound
Advance Chemistry	Matter around Us, Classification of Materials, Atoms and Molecules, Atomic Structure
Advance Mathematics-1	Number System, Surds and Indices, Polynomials (Factorisation), Polynomials (Remainder and Factor theorem), Linear Equations in two Variables, Lines and Angles, Triangles, Quadrilaterals, Circles, Mensuration, Co-ordinate Geometry, Statistics, Probability.
Advance Mathematics-2	Every Day Mathematics: Percentage, Profit, Loss and Discount, Partnership, Mixtures and Alligations, Simple and Compound Interest, Installment, Ratio and Proportion, Time, Speed and Distance, Unitary Method, Time and Work, Pipes and Cisterns, Problems on Ages.
Mental Ability	Verbal : Series, Logical Sequence of Words, Coding & Decoding, Analogy, Classification, Mathematical Operations, Direction Sense Test, Number, Ranking & Time Sequence Test, Blood relations, Puzzle Test, Alphabet Test, Alpha-numeric Sequence Puzzle, Logical Venn Diagrams, Inserting The Missing Characters, Arithmetical Reasoning. Non Verbal : Series, Analogy & Classification, Analytical Reasoning, Mirror and Water Images, Spotting Out The Embedded Figures, Completion of Incomplete Pattern, Figure Matrix, Figure Formation & Grouping of Identical Figures, Paper folding and Paper Cutting, Dice and Cube, Dot situation.
Advance English	Subject Verb Concord, Question Tags, Tenses and Uses of Tenses, Conditional Sentences, Auxiliaries and Modals, Phrasal Verbs, Idioms & Phrases, Homonyms & Homophones, Words Related to Weather, General Words for Offices & Work Places, Analogies, Error Spotting, Sample Papers

## NSET-E1 TARGET :: IJSO Round 1 (NSEJS)

Excellent Biology-1	Animal Physiology, Plant Physiology, Reproduction in living Organisms, Heredity and Evolution, Our Environment, Management of Natural Resources
Excellent Biology-2	Cytology, Anatomy, Conservation of Biodiversity, Diversity In Living Organisms, Microorganisms, Health and Diseases, Immunology
Excellent Physics-1	Units and Dimensions, Error Analysis, Vectors, Kinematics in 1 & 2 Dimensions, Force & Newton's Laws of Motion, Dynamics of Circular Motion, Work, Energy And Power, Rotational Motion, Gravitation, Mechanical Properties of Solids, Fluid Mechanics, Simple Harmonic Motion
Excellent Physics-2	Heat and Thermodynamics, Waves and Sound, Electrostatics, Current Electricity, Magnetic Effects of Electric Current, Light, Nuclear Physics
Excellent Chemistry-1	General Concepts in Chemistry, Atomic Structure, States of Matter, Periodic Classification of Elements, Chemical Bonding
Excellent Chemistry-2	Ionic Equilibrium (Acids, Bases and Salts), Chemical Kinetics, Chemical Equilibrium, Thermodynamics, Metals, Nonmetals and Metallurgy, Carbon and its Compounds, Some Additional Topics
Excellent Mathematics-1	Number System, Surds, Ratio and Proportion, Quadratic Equation, Miscellaneous Equations, Sequences and Series, Logarithm
Excellent Mathematics-2	Binomial Theorem, Inequalities, Permutations and Combinations, Coordinate Geometry, Trigonometry, Geometry, Mensuration, Probability

# Pre-Nurture & Career Foundation

# Study Material Syllabus for CLASS - IX CBSE

[For English Medium Students Only]

## TARGET:: NMTC ROUND-1

Excellent Mathematics-3 Algebra, Geometry, Number System, Inequalities

## NSET-F2

Foundation Biology-2	Diversity in Living Organisms, Why Do We Fall ill?, Natural Resources
Foundation Physics-2	Thrust and Pressure, Work and Energy, Sound
Foundation Chemistry-2	Atoms and Molecules, Structure of Atom
Foundation Mathematics-3	Linear Equations in Two Variables, Quadrilaterals, Area of Parallelograms & Triangles, Surface Areas & Volumes
Foundation Mathematics-4	Circles, Constructions, Statistics, Probability
Foundation SST-3	History: Forest Society & Colonialism, Pastoralists in the Modern World, Peasants & Farmers. Civics: Electoral Politics, Working of Institutions. Geography: Climate, Natural Vegetation and Wildlife. Economics: Poverty as a Challenge.
Foundation SST-4	Civics: Democratic Rights Geography: Population Economics: Food Security in India
Foundation English-2	Literature : BEEHIVE: The Childhood, No Men Are Foreign, Packing, The Duck And The Kangaroo, Reach For The Top , On Killing A Tree, The Bond Of Love, The Snake Of Trying, Kathmandu, A Slumber Did My Spirit Seal, If I Were You. MOMENTS: Weathering The Storm In Ersama, The Last Leaf, A House Is Not A Home, The Accidental Tourist, The Beggar. Grammar: Integrated Grammar Exercises Writing: Letter Writing, E-mail Writing, Article Writing, Speech Writing, Diary Entry, Story Writing, Report Writing.

## NSET-E2\* TARGET:: NMTC Final Round

Excellent Mathematics-4 Same Topics as in Round-1

## NSET-E3\*\* TARGET:: IJSO Round 2 (INJSO)

Excellent Biology-3 Same Topics as in Round-1

Excellent Physics-3 Same Topics as in Round-1

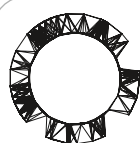
Excellent Chemistry-3 Same Topics as in Round-1

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

\*\* Module will be dispatched to students who have qualified for IJSO Round-2 (INJSO).

## ALLEN Students Bring Glory to Nation through their International Achievements-2018

### International Physics Olympiad



IPhO 2018  
Portugal

49th International  
Physics Olympiad  
IPhO-2018 PORTUGAL



**Gold Medal**

LAY JAIN  
AIR-9 : JEE (Adv.) 2018  
Classroom Student  
Since Class 11<sup>th</sup>



**Gold Medal**

NISHANT ABHANGI  
Class 11<sup>th</sup>  
Classroom Student  
Since Class 8<sup>th</sup>



**Gold Medal**

BHASKAR GUPTA  
Class 12<sup>th</sup>  
AIR-30 : JEE (Adv.) 2018

### International Junior Science Olympiad



15<sup>th</sup>  
INTERNATIONAL  
JUNIOR  
SCIENCE  
OLYMPIAD

Bw2018

## 4 GOLD & 1 SILVER



**Naman S Rana**  
Classroom

**Vaibhav Raj**  
Classroom

**Ameya Deshmukh**  
Classroom (Workshop)

**Mohit Gupta**  
Classroom

**Barun Parua**  
Classroom

**5 Members of the Winning Indian Team of 6 are Classroom Students of ALLEN**

### International Chemistry Olympiad



50<sup>th</sup> IChO 2018

INTERNATIONAL CHEMISTRY OLYMPIAD  
SLOVAKIA & CZECH REPUBLIC  
50th International  
Chemistry Olympiad  
IChO-2018

SLOVAKIA & CZECH REPUBLIC



**Gold Medal**

DHYEY SANKALP GANDHI  
Class 11<sup>th</sup>  
Classroom Student Since Class 7<sup>th</sup>

### International Biology Olympiad



29th International  
Biology Olympiad  
IBO-2018  
TEHRAN, IRAN



**Silver Medal**

SHASWAT JAIN  
Class 10<sup>th</sup>  
Classroom Student Since Class 9<sup>th</sup>



**Silver Medal**

STUTI KHANDWALA  
Class 11<sup>th</sup>  
Classroom Student Since Class 8<sup>th</sup>



**Silver Medal**

KUNJAL P.  
Class 12<sup>th</sup>  
Classroom Student Since Class 10<sup>th</sup>



**Silver Medal**

VISHWESH M. BHARADIYA  
Distance