

NATIONAL SCIENCE OLYMPIAD SYLLABUS

The syllabus for National Science Olympiad is divided into three sections for each class starting from class 1st to class 12th. This has been done to ensure that it is represented in an easy-to-find way. The sub- topics are given strictly according to the class in which the student is and the Mock Tests and Sample Papers are also provided.

Section 1 - Logical Reasoning Section which mainly deals with the questions related to Verbal and Non-Verbal Reasoning. [Click Here to Read About Reasoning](#)

Section 2 - Science Section which covers all the relevant topics and sub-topics of current and previous class Science Syllabus.

Section 3 - Achiever's Section which contains Higher Order Thinking Questions of same topics as in Section 2. It would be best for you to move to this section only after you have finished the previous two.

In NSO Level-1 exam, 60% of the questions will be from the current class syllabus and 40% from the previous class syllabus. However, the questions in Achiever's Section will be from the current class syllabus only.

Class 8 NSO Syllabus

Section - 1 : Verbal and Non-Verbal Reasoning.

Section - 2 : Crop Production and Management, Microorganisms, Synthetic Fibres and Plastics, Metals and Non-metals, Coal and Petroleum, Combustion and Flame, Conservation of Plants and Animals, Cell, Reproduction and Endocrine System, Force and Pressure, Friction, Sound, Chemical Effects of Electric Current, Some Natural Phenomena, Light, Stars and the Solar System, Pollution of Air and Water.

Section - 3 : Higher Order Thinking Questions - Syllabus as per Section - 2.

Class 9 NSO Syllabus

Section - 1 : Verbal and Non-Verbal Reasoning.

Section - 2 : Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound, Matter in Our Surroundings, Is Matter Around Us Pure, Atoms and Molecules, Structure of Atom, Cell-The Fundamental Unit of Life, Tissues, Diversity in Living Organisms, Why Do We Fall Ill, Natural Resources, Improvement in Food Resources.

Section - 3 : Higher Order Thinking Questions - Syllabus as per Section - 2.

Class 10 NSO Syllabus

Section - 1 : Verbal and Non-Verbal Reasoning.

Section - 2 : Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-metals, Carbon and Its Compounds, Periodic Classification of Elements, Life Processes, Control and Coordination, Reproduction in Organisms, Heredity and Evolution, Light-Reflection and Refraction, Human Eye and Colourful World, Electricity, Magnetic Effects of Electric Current, Sources of Energy, Our Environment and Its Management.

Section - 3 : Higher Order Thinking Questions - Syllabus as per Section - 2