SOF International Computer Science Olympiad (ICSO)

Syllabus — Class 4 (Exam Year 2026–27)

Total Questions: 35 **Duration:** 1 hr.

> Following the protocol of NEP (2020), NCF (2023), NCERT and CBSE guidelines, National and various State Boards for the convenience of schools and students, any change/reduction in the syllabi will be reflected in actual question papers.

Syllabus

Section – 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : Fundamentals of Computer (Parts of Computer, I/O Devices, Memory and Storage Devices and General Information about Computers), Evolution of Computers, Hardware, Software, MS-Word (Formatting a Word document, Font group, Format Painter, Search using Find and Replace option, Checking Spelling and Grammar using Thesaurus), Using Windows 11, Introduction to Internet and Its Uses, Computer Networks, MS-Paint.

Section – 3 : Introduction to AI, Robotics, IT Gadgets, Devices, Apps, Computerization, and other Developments in the Field of IT.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Sections 2 and 3.

Questions are based on Windows 11 and MS-Office 2016.

Marks Distribution — Class 3rd & 4th

Section	No. of Questions	Marks per Question	Total Marks
M4- Achievers Section	5	2	10
M2- Computer Science	20	1	20
M3- AI, Robotics and Information Technology	5	1	5
M1- Logical Reasoning	5	2	10
Grand Total	**35**		**40**