SOF International Mathematics Olympiad (IMO)

Syllabus — Class 8 (Exam Year 2026–27)

Total Questions: 50 **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 : Verbal and Non-Verbal Reasoning.

Section – 2 : A Square and A Cube, Exponents and Powers, A Story of Numbers, Quadrilaterals, Number Play, We Distribute, Yet Things Multiply, Proportional Reasoning, Fractions in Disguise, The Baudhayana– Pythagoras Theorem, Exploring Some Geometric Themes, Data Handling, Algebra Play, Area.

Section – 3 : Syllabus as per Section – 2.

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

NO. OF QUESTIONS

MARKS per QUESTION

M4- Achievers Section

M2- Mathematical Reasoning

M3- Everyday Mathematics

M1- Logical Reasoning

M4- Achievers Section

M2- Mathematical Reasoning

M3- Everyday Mathematics

M1- Logical Reasoning

M4- Achievers Section

M2- Mathematical Reasoning / Applied Mathematics

M3- Everyday Mathematics

M1- Logical Reasoning

Marks Distribution — Class 5th to 10th

Section	No. of Questions	Marks per Question	Total Marks
Mathematics	45	1	45
Achievers Section	5	3	15
Grand Total	**50**		**60**