



Circular No.:CFS/ 154 /2026-2027

Date: 24th July 2026

Circular Reg. Option to Opt for Advanced Mathematics & Advanced Science for Class IX Students for the Session 2026-2027

Dear Parents and Students,

With reference to CBSE Circular No. Acad-14/2026 dated 01.04.2026, CBSE has introduced Advanced Mathematics and Advanced Science for students of Class IX from the academic session 2026–27.

- (1) **Mathematics and Science:** The subjects Mathematics and Science offered to all students in Class IX refer to the standard Mathematics and Standard Science Course. These will cover the common prescribed syllabus, will be compulsory and will be studied by all students.
- (2) **Mathematics Advanced and Science Advanced:** These will be optional and meant for students who wish to study additional topics beyond the common syllabus.

Subject	Nature	Syllabus	Assessment
Mathematics	Compulsory (to be studied by all students)	Common standard content	80 marks (School-based Annual in Class IX of 2026–27 onwards / Board Examination in Class X of 2027–28 onwards); 3 hrs duration
Science	Compulsory (to be studied by all students)	Common standard content	80 marks (School-based Annual in Class IX of 2026–27 onwards / Board Examination in Class X of 2027–28 onwards); 3 hrs duration
Mathematics Advanced	Optional	Additional content	25 marks (Board Examination in Class X of 2027–28 onwards); 1 hr duration; all HOTS questions
Science Advanced	Optional	Additional content	25 marks (Board Examination in Class X of 2027–28 onwards); 1 hr duration; all HOTS questions



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CLASS 9 ADVANCED LEVEL SYLLABUS

MATHEMATICS AT ADVANCED LEVEL

1. Sets
2. Logarithms
3. Relations and Functions
4. Coordinate Geometry
5. Combinatorics
6. Exploring Some more Progressions

SCIENCE AT ADVANCED LEVEL

1. Measurement – Foundation of Science
2. Understanding Motion through Experience
3. Newton's Laws of Motion
4. The Geometry of Power – Advanced Simple Machines
5. Work and Energy
6. Structure of Atom
7. Chemical Bonding
8. Mixtures and their Separation
9. Microscope and Microscopy
10. Engineering Life: Miracles in Biotechnology

● NOTE:

1. All students (whether opting for Advanced or not) will appear in a common final examination (Board in Class X / school-based annual examination in Class IX) of 80 marks, 3 hours. In addition, students opting for the Advanced level will take an additional examination of 25 marks (1 hour) at a higher level, based on the prescribed content.



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2. The examination in Mathematics and Science will be offered at two levels— Standard and Advanced at Class IX (2026–27 onwards) and Mathematics Advanced and Science Advanced at Class X (2027–28 onwards). Students can choose none/one/both subjects at the Advanced level.
3. A candidate securing 50% and above marks in the optional Advanced Examination shall have the following recorded in the marksheet: “The Advanced Level has been successfully cleared.” The marks obtained in the Advanced Examination shall not be added to the overall aggregate or total score. If a candidate secures less than the prescribed criteria, no reference to the Advanced Level shall be reflected in the marksheet.
4. **This two-level structure will not apply to the internal assessments of 20 marks in Mathematics and Science conducted at the school level in Class X.**
5. Students interested in opting for Advanced Mathematics and/or Advanced Science are requested to send a confirmation email to their respective Class Teacher or written application. If no confirmation is received by the due date 26th July 2026 it will be assumed that the student is not opting for the Advanced Level.

Sd/-

Principal

Cambridge Foundation School