

CBSE Class 10 Maths Syllabus

Units, chapters and weightage — the whole course on one page

The whole subject in one line

14 chapters → 7 units → 80 theory marks + 20 internal assessment = 100 marks

The **80-mark theory paper** is the board exam. The **20 internal assessment marks** are earned at school through the year and count exactly the same towards your result. **Standard and Basic students study the identical syllabus** — only the difficulty of the question paper differs, not the content.

Where the 80 theory marks sit

Unit	Marks
I Number Systems	6
II Algebra	20
III Coordinate Geometry	6
IV Geometry	15
V Trigonometry	12
VI Mensuration	10
VII Statistics & Probability	11
Total (theory paper)	80

Algebra (20) and Geometry (15) carry 35 of the 80 marks between them. CBSE assigns marks by **unit, not by chapter** — any “chapter-wise weightage” table you find online is an unofficial estimate.

All 14 chapters, grouped by unit

NUMBER SYSTEMS · 6

1. Real Numbers

ALGEBRA · 20

2. Polynomials

3. Pair of Linear Equations in Two Variables

4. Quadratic Equations

5. Arithmetic Progressions

COORDINATE GEOMETRY · 6

6. Coordinate Geometry

GEOMETRY · 15

7. Triangles · 8. Circles

TRIGONOMETRY · 12

9. Introduction to Trigonometry

10. Some Applications of Trigonometry

MENSURATION · 10

11. Areas Related to Circles

12. Surface Areas and Volumes

STATISTICS & PROBABILITY · 11

13. Statistics · 14. Probability

NOT IN THE SYLLABUS

Constructions was dropped. Any list showing 15 chapters is out of date.

Key takeaways

- **14 chapters, 7 units, 80 + 20 = 100 marks.** That is the entire structure; everything else is detail inside it.
- **Algebra is a quarter of the theory paper** (20 marks) and Geometry is next at 15.
- **Small units are not skippable.** Number Systems and Coordinate Geometry are 6 marks each and among the most self-contained — reliable marks you can bank.
- **Standard and Basic share one syllabus.** The paper differs in difficulty, not in content.
- **Track progress by unit, not by mood.** “Algebra done, Geometry half-done” beats “I have studied a bit.”

Reading your own progress off the map

A syllabus you only read changes nothing. Here is how to use it.

Final mark = Theory (80) + Internal assessment (20) = 100 · Unit share = unit marks out of 80

THE SITUATION

Six weeks in, Ananya has **finished** Number Systems, Algebra and Coordinate Geometry, is **halfway** through Geometry, and has **not started** Trigonometry, Mensuration or Statistics & Probability. She wants to know where she actually stands.

STEP 1 – PUT EVERY UNIT IN A COLUMN

Status	Units	Marks
Secure	Number Systems 6, Algebra 20, Coordinate Geometry 6	32
In progress	Geometry	15
Not started	Trigonometry 12, Mensuration 10, Statistics & Probability 11	33
Theory paper	7 units	80

Check: $32 + 15 + 33 = 80$. Every unit is in exactly one column, so nothing is quietly forgotten.

STEP 2 – READ WHAT THE NUMBERS SAY

She has 32 of 80 secure – 40% of the theory paper. Add her 20 internal marks and she is already tracking towards 52 of 100 on what she has covered.

The single biggest open block is Geometry at 15. Finishing it moves her from 32 to 47 – more than any other one move on the board. Finish it before opening a new unit.

The remaining 33 marks are three self-contained units. Trigonometry, Mensuration and Statistics & Probability do not depend on each other, so they can be slotted in any order that suits her timetable.

NOW TRY THIS ONE

You expect the full **20 out of 20** internal marks and you are aiming for **70 out of 100** overall. How many theory marks do you need? If Algebra and Geometry are solid, which two more units get you there?

Answer: $70 - 20 = 50$ theory marks. Algebra 20 + Geometry 15 = 35, so you need 15 more. Statistics & Probability (11) + Coordinate Geometry (6) = 17 → **52 marks**, clearing the target with room to spare.

THREE MISTAKES THIS MAP PREVENTS

Studying by chapter number instead of by unit. Chapter 4 and chapter 5 both sit inside Algebra; finishing one is not half a unit.

Chasing an unofficial “chapter-wise weightage” table. CBSE publishes marks by unit only – per-chapter figures online are guesses.

Leaving the 20 internal marks to look after themselves. They are a fifth of the final result and the easiest fifth to secure.

Turn this map into your plan — free on examfront

- **Chapter 1 free** — start Real Numbers today, no payment needed.
- **Mistake identification** — see which unit is quietly costing you marks.
- **Anytime tests** — practise any unit the moment you finish it.
- **Weekly tests** — keep every unit you have covered from going cold.
- **Mock tests before the exam** — full 80-mark papers under real timing.

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