

Vellore Maths Study Planner - Class 9 to 12

F2A Math School | Live online micro batches of 4 to 6 students

This planner is for students and parents in Vellore district following the Tamil Nadu State Board (Samacheer Kalvi) or CBSE syllabus. It gives you a weekly study rhythm, a chapter-by-chapter checklist for each class, and the mistakes that cost the most marks in board examinations. Print it, tick the chapters as you finish them, and keep it where the student studies.

How to use this planner

- Tick a chapter only when the student can solve a full exercise without looking at worked examples. Reading a chapter is not the same as finishing it.
- Work through chapters in syllabus order for Class 9 and 10. For Class 11 and 12, finish calculus early because it carries the heaviest weight and needs the most practice time.
- Revise each completed chapter once a month. A chapter finished in June and never revisited is effectively lost by January.
- Keep a separate mistake notebook. Every wrong answer goes in it with the correct method beside it. Revise that notebook before every test.

A realistic weekly study rhythm

This assumes a normal school week. Adjust the totals rather than skipping the review block, which is the part most students drop first and regret later.

Monday to Friday	45 to 60 minutes of mathematics per day. Split it: 15 minutes revising yesterday, then 30 to 45 minutes on new problems.
Live class days	Re-work every problem solved in class on your own, the same evening, without looking at the notes.
Saturday	90 minutes. One full exercise under timed conditions, then check and log mistakes.
Sunday	60 minutes of pure revision from the mistake notebook. No new chapters.
Before a unit test	Two days of previous-year and model questions only. Do not start new topics in the last 48 hours.

Typical Tamil Nadu academic year timeline

Dates vary each year and by school. Treat this as the shape of the year and confirm actual dates with your school and the board.

June to July	Academic year opens. Build the foundation chapters properly. This is the cheapest time to fix gaps.
August to September	Quarterly examinations. First honest signal of where the student stands.

October	Short break. Ideal window for revising everything covered so far, not for stopping entirely.
November to December	Half yearly examinations. Heavier portion, and where Class 12 students usually feel the pressure first.
January	Revision examinations and model examinations. Full-portion practice under exam conditions.
February to March	Board practical and theory examinations. Revision only, from the mistake notebook and previous-year papers.
April to May	Results, and for Class 11 and 12 entrance aspirants, the most productive JEE and NEET preparation window of the year.

Class 9 mathematics chapter checklist (Samacheer Kalvi)

- ☐ Set Language
- ☐ Real Numbers
- ☐ Algebra
- ☐ Geometry
- ☐ Coordinate Geometry
- ☐ Trigonometry
- ☐ Mensuration
- ☐ Statistics
- ☐ Probability

Class 10 mathematics chapter checklist (Samacheer Kalvi)

- ☐ Relations and Functions
- ☐ Numbers and Sequences
- ☐ Algebra
- ☐ Geometry
- ☐ Coordinate Geometry
- ☐ Trigonometry
- ☐ Mensuration
- ☐ Statistics and Probability

Class 11 mathematics chapter checklist (Samacheer Kalvi)

- ☐ Sets, Relations and Functions
- ☐ Basic Algebra
- ☐ Trigonometry
- ☐ Combinatorics and Mathematical Induction
- ☐ Binomial Theorem, Sequences and Series
- ☐ Two Dimensional Analytical Geometry

- ☐ Matrices and Determinants
- ☐ Vector Algebra I
- ☐ Differential Calculus - Limits and Continuity
- ☐ Differential Calculus - Differentiability and Methods
- ☐ Integral Calculus
- ☐ Introduction to Probability Theory

Class 12 mathematics chapter checklist (Samacheer Kalvi)

- ☐ Applications of Matrices and Determinants
- ☐ Complex Numbers
- ☐ Theory of Equations
- ☐ Inverse Trigonometric Functions
- ☐ Two Dimensional Analytical Geometry II
- ☐ Applications of Vector Algebra
- ☐ Applications of Differential Calculus
- ☐ Differentials and Partial Derivatives
- ☐ Applications of Integration
- ☐ Ordinary Differential Equations
- ☐ Probability Distributions
- ☐ Discrete Mathematics

The eight mistakes that cost the most marks

- Skipping steps. Board examiners award step marks. A correct final answer with no working scores far less than it should.
- Not writing the formula before substituting values. Writing the formula first earns a mark and prevents substitution errors.
- Losing units and signs, especially in mensuration and coordinate geometry.
- Rounding too early in the middle of a calculation instead of at the final answer.
- Ignoring the graph or diagram question. Diagrams are among the easiest marks in the paper and are frequently left blank.
- Attempting questions in paper order rather than confidence order. Start with what you know cold, then return to the harder ones.
- Leaving a question completely blank. Write the formula and the setup. Partial working earns partial marks.
- Practising only from the textbook. Previous-year papers teach you how questions are actually phrased, which is a different skill.

A revision method that actually works

Passive rereading feels productive and is not. Use this instead: close the book, write down everything you remember about the chapter on a blank sheet, then open the book and mark what you missed. The gaps you find are exactly what to revise. Repeat after three days, then after a

week. This takes less total time than rereading and holds far longer.

Free demo class

F2A Math School runs live online classes in micro batches of 4 to 6 students for families across Vellore district, including Katpadi, Sathuvachari, Gandhi Nagar, Bagayam, Thorapadi, Arcot and surrounding areas. Book a free demo class, sit in on a live session and decide afterwards. Call or WhatsApp 9710173020, or email f2amathschool@gmail.com.