

How to Help Your Child Prepare for Class 10 Maths

A parent's summary. You do not need to know the maths – you need to know what good preparation looks like, and what to ask.

Your job is the **conditions**, not the coaching – routine + calm + the right practice

Seven ways you can support your child

What you do	What it looks like at home
1. Show interest	Ask what they learnt today; listen. Praise the effort, not only the result.
2. Build the space	Quiet, well-lit, phone away, materials to hand during the agreed slot.
3. Help them plan	A realistic timetable with breaks – agreed with them, not imposed on them.
4. Focus on concepts	Understanding before rote learning. The NCERT book and its exercises first.
5. Practise smartly	Varied questions, sample papers and previous year questions – not more of the same.
6. Analyse and improve	Review mistakes to learn from them. A mistake is information, not a verdict.
7. Boost confidence	Celebrate small wins. Consistent effort is the thing that actually compounds.

The CBSE and NCERT numbers worth knowing

Question you may have	The answer
What is the syllabus?	The rationalised NCERT textbook – 7 units, 14 chapters . Constructions is no longer in it.
How is the 100 split?	80 marks theory paper + 20 marks internal assessment earned through the year.
What is the paper?	38 questions across five sections , A to E, in three hours.
Does working matter?	Yes. CBSE awards step marks , so the method earns marks even when the last line slips.

One bad long question is not a catastrophe – and internal assessment is a fifth of the final mark that quietly rewards steady classwork.

What to avoid

Don't	Why
Compare	Every child learns differently; comparison creates pressure, not motivation.
Push too hard	Excessive pressure raises stress and lowers performance.
Do their work	Let them struggle a little – that is where the learning actually happens.
Ignore the effort	Appreciate the work even when the result is not yet there.
Watch only marks	Marks are a lagging signal. Progress and understanding come first.

Key takeaways

- You support the **conditions** for learning; the teacher, the NCERT book and the practice supply the maths.
- Consistency beats intensity** – a protected daily slot beats an occasional marathon.
- Praise **effort and progress**; treat every mistake as information about what to fix next.
- Support is not supervision. Be available, then **step back** and let them work.
- The syllabus is **NCERT: 7 units, 14 chapters**; the paper is **80 + 20** with **38 questions**.
- Ask **“show me your working”**, not “did you get it right?” – CBSE pays for the method.

A week of support, and what “showing your working” means

One daily routine, one real board-style question worked in full, and three questions worth asking instead of “did you get it right?”

A SIMPLE DAILY SUPPORT PLAN

Moment	What you do	What you say
10-minute talk	Ask about today's study and doubts.	“What did you work on today?”
Review the plan	Check today's slot against the timetable.	“What's left for tomorrow?”
Encourage	Name one thing that improved this week.	“You got through that chapter.”
Break time	Protect a real break; healthy breaks improve focus.	“Stop for ten minutes.”
End positive	Close the day on encouragement, never on a result.	“That was solid work.”

WORKED EXAMPLE — A 5-MARK AP QUESTION

Q. The 7th term of an AP is 20 and the 13th term is 38. Find the AP and the sum of its first 20 terms.

Step 1. Write what each term means: $a_7 = a + 6d = 20$ and $a_{13} = a + 12d = 38$.

Step 2. Subtract: $6d = 18$, so $d = 3$.

Step 3. Substitute back: $a + 18 = 20$, so $a = 2$. The AP is **2, 5, 8, 11, ...**

Step 4. $S_{20} = 20/2 [2(2) + 19(3)] = 10 [4 + 57] = 610$.

Check. $a_{20} = 2 + 19 \times 3 = 59$, and $20/2 (2 + 59) = 10 \times 61 = 610 \checkmark$

THE SAME ANSWER, WRITTEN TWO WAYS

Written as “610” only	Written as the five steps above
The answer is right, but nothing shows how it was reached. Most of the method marks are gone.	Every step is marked, so even an arithmetic slip in step 4 still earns the marks for steps 1–3.

This is why “show me your working” is the single most useful thing a parent can ask.

NOW ASK THESE THREE

Instead of	Ask
“Did you get it right?”	“Show me your working — where did it go wrong?”
“How much have you finished?”	“Which NCERT chapter are you on, and are the exercises done?”
“Why is this mark so low?”	“Which type of mistake cost the most — and what fixes it?”

Give them the practice that finds the gaps — free to start

- **Chapter 1 is completely free** — start today, no payment, and see how it works.
- **Mistake identification** — every wrong answer is named and explained, so revision has a target.
- **Anytime tests** — your child can test any topic the moment they finish it.
- **Weekly tests** — steady checkpoints that turn effort into visible progress you can see.
- **Mock tests before the exam** — full papers under real conditions, so the board day is familiar.

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