Primary 5 Math Tuition Checklist

A fast, practical guide to build a rock-solid P5 foundation (MOE/SEAB aligned).

Start here (2 minutes)

If your child is in P5, the goal is simple: make P6 feel familiar before P6 begins.
Scan the QR code to WhatsApp us or call +65 8823 1234 to discuss your child's current results and next steps.

Why many families start tuition in Primary 5

- P5 is where topics start combining (fractions + percentage + ratio) and word problems become multi-step.
- A strong P5 year reduces PSLE stress because your child enters P6 with fewer gaps and better habits.
- Small-group coaching helps students get immediate feedback, fix misconceptions early, and build confidence.

Quick self-check (tick what is true today)

- ☐ My child can explain the 'why' (not just do steps) for fractions, decimals and percentage questions.
- ☐ My child uses a clear method for word problems (e.g., model drawing / unitary method) without guessing.
- ☐ My child checks answers systematically and does not lose easy marks to careless errors.
- ☐ My child can finish a timed practice set (20–30 min) calmly and review mistakes properly.
- ☐ We have a weekly routine (practice + review + correction) that actually happens.

If you ticked 0–2 boxes

That's normal. P5 is the best year to fix foundations.
Use Pages 2–5 as your action plan. If you want targeted help, message us with your child's latest score and weak topics.

What Primary 5 Math Tuition Really Means

Primary 5 Math tuition is structured, syllabus-aligned coaching that builds three things at the same time:
1) Concept mastery (students can explain and apply, not memorize)
2) Problem-solving strategy (students choose the right approach under pressure)
3) Exam habits (time management, checking, and error correction)

The 80/20 focus (topics that drive the biggest score jump)

Number & Algebra

• Fractions, decimals and percentage (including
• multi-step applications).
• Ratio / rate / unitary thinking for real-world
• word problems.
• Basic algebraic thinking: represent unknowns
• clearly and keep equations meaningful.

Measurement, Geometry & Stats

• Area and volume (especially composite figures
• and unit sense).
• Angles and properties of shapes (spotting
• hidden relationships).
• Reading tables/graphs accurately (no 'easy
• marks' lost).

Common P5 mistakes that cost 10–20 marks

- Weak 'unit sense' (cm vs m, minutes vs hours) leading to wrong final answers.
- Switching methods mid-way (no plan), causing messy working and confusion.
- Model drawing done as artwork (slow) instead of as a thinking tool (fast).
- Rushing computation without estimation (e.g., 25% of 80 cannot be 200).
- Not learning from errors: doing more questions but repeating the same mistake.

High-impact habit

Keep an Error Log: write the question type, what went wrong, the correct method, and one similar follow-up question.
Most students improve faster by fixing the same 5 errors repeatedly than by doing 50 random questions.

How to Access the Official MOE & SEAB Information

MOE: Primary Mathematics syllabus (official)

- [ ] Go to MOE 'Primary school subjects and syllabuses' and download the Mathematics syllabus document.
- [ ] Use the Dec 2024 updated PDF for detailed aims, strands, and level-by-level content.
- [ ] Important timing note: MOE states the 2021 syllabus applies to P1–P5 in 2025, and applies to P6 from 2026.

Direct links (type into your browser)

MOE Primary school subjects & syllabuses: https://www.moe.gov.sg/primary/curriculum/syllabus
MOE 2021 Primary Mathematics Syllabus (P1–P6), updated Dec 2024: https://www.moe.gov.sg/-/media/files/primary/2021-primary-mathematics-syllabus-p1-to-p6-updated-dec-2024.pdf

How the syllabus is organised (what to look for)

- 3 content strands: Number & Algebra; Measurement & Geometry; Statistics.
- Skills beyond content: reasoning, communication, connections, and metacognition (students reflecting on how they solve).
- Use the 'Content by Level' pages to see what is expected by P5 (and what is shifted to P6).

SEAB: PSLE Mathematics exam basics (useful in P5)

- [ ] Assessment Objectives: AO1 (recall & procedures), AO2 (apply in context), AO3 (reason & solve problems).
- [ ] Exam format: two papers on the same day; calculators are not allowed for Paper 1 but allowed for Paper 2.
- [ ] Train working presentation early: clear steps, labels, units, and final answer checks.

Direct link (PSLE Mathematics syllabus doc)

SEAB PSLE Mathematics (0008) syllabus document (3 pages): https://www.seab.gov.sg/files/PSLE%20Syllabus%20documents/2025%20PSLE/0008_y25_sy.pdf

A Simple P5 Math Improvement System

Weekly rhythm (repeat for 8–12 weeks)

- [ ] 1× Concept lesson: rebuild understanding (why formulas work, not just what to do).
- [ ] 2× Skills practice: short sets focused on one micro-skill (e.g., fraction division).
- [ ] 1× Word-problem session: pick the heuristic first, then solve.
- [ ] 1× Timed mini-test (20–30 min): train calm speed and accuracy.
- [ ] 1× Review session: error log + redo the same question 48 hours later.

Heuristics quick cards (choose ONE before solving)

- Model drawing / bar model (part-whole, comparison, ratio, before-after).
- Unitary method (find 1 unit, then scale up/down).
- Working backwards (end result is known; reverse each step).
- Guess-check-improve (when values are discrete and constraints are clear).
- Look for patterns (repeating cycles, number patterns, tables).

Careless mistake firewall (before you write the final answer)

Units: correct unit and conversion done?
Reasonableness: estimate to see if the answer magnitude makes sense.
Operations: did I add/subtract/multiply/divide the right quantities?
Copying: any numbers copied wrongly from the question?
Presentation: final answer boxed, labelled, and in the asked form?

Parent support that actually works

- Keep practice short and consistent (15–25 minutes), not long and painful.
- Ask 'How did you know?' instead of 'What’s the answer?' to build explanation skill.
- Praise good process (clear working, checking) more than speed.
- Use school papers for realism; use topic drills only to fix a specific weakness.

Primary 5 Readiness Checklist

Content mastery (P5 foundation)

- ☐ Fractions: simplify, compare, 4 operations, mixed numbers; explain each step.
- ☐ Decimals: place value to 3 d.p.; rounding; basic conversions; operations.
- ☐ Percentage: percentage of a quantity; discount/GST/interest-type contexts.
- ☐ Ratio & rate: interpret a:b; form equivalent ratios; solve simple sharing questions.
- ☐ Area & volume: rectangles/triangles/composite figures; cube/cuboid volume; units.
- ☐ Angles & shapes: angle facts (straight line, around a point, vertically opposite); properties of common shapes.

Exam skills

- ☐ Can finish a timed set without panicking.
- ☐ Shows clear working steps and uses diagrams meaningfully.
- ☐ Has an error log and revisits mistakes (not just 'do more').

How we want the best for our P5 Math students (our promise)

We teach from first principles using the Singapore Math CPA approach, so students truly understand.
We build strong heuristics and metacognition: students learn how to choose strategies and reflect on errors.
We keep classes small for real feedback, not passive listening.
We target the gaps that matter most for PSLE outcomes, early—so P6 is not a shock.

Contact

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Hours (typical): Mon–Fri 3pm–9pm • Sat–Sun 9am–6pm
Scan the QR code in the header to WhatsApp us.

References (official):
• MOE Primary school subjects & syllabuses: https://www.moe.gov.sg/primary/curriculum/syllabus
• MOE Primary Mathematics Syllabus PDF (updated Dec 2024): https://www.moe.gov.sg/-/media/files/primary/2021-primary-mathematics-syllabus-p1-to-p6-updated-dec-2024.pdf
• SEAB PSLE Mathematics syllabus doc (0008): https://www.seab.gov.sg/files/PSLE%20Syllabus%20documents/2025%20PSLE/0008_y25_sy.pdf