Primary 4 Mathematics Tuition in Bukit Timah

P4 Math Tutor aligned to the MOE/SEAB Primary Mathematics Syllabus — downloadable success checklist for parents and students.

What is Primary 4 Math tuition?

It is targeted, syllabus-aligned coaching that builds three things at the same time: (1) strong concepts, (2) accurate methods, and (3) problem-solving habits. A good P4 programme diagnoses gaps early, then trains your child to explain their thinking, use models/diagrams, and check answers confidently.

Start here: Is my child on track for P4 Math?

- Can explain place value up to 100,000 and round to the nearest 10 / 100 / 1,000.
- Can identify factors and multiples, and find common factors / common multiples for small numbers.
- Can add & subtract fractions with denominators up to 12 (not more than two different denominators).
- Can compare, order, and round decimals (up to 3 decimal places) and switch between fraction $\leftrightarrow$ decimal forms.
- Can solve area/perimeter of composite figures made of rectangles and squares.
- Can read and interpret tables, line graphs, and pie charts (and complete missing entries).

Why Primary 4 is a pivotal year

Primary 4 is where your child transitions from 'basic computation' to structured thinking: multi-step word problems, precision with fractions/decimals, and geometry that requires clear visualisation. Strong P4 mastery makes Primary 5–6 far less stressful and sets up PSLE success.

Why have tuition with us

- Small-group coaching that spots misconceptions fast and fixes them before they become habits.
- First-principles explanations + lots of worked examples, so your child can explain the 'why', not just the steps.
- Weekly error-analysis (careless vs concept vs strategy) to raise marks quickly.
- Problem-solving training with common PSLE heuristics (model drawing, working backwards, guess-and-check).

Quick action: If your child struggles with 3 or more items above, WhatsApp +65 88231234 for a consultation (limited small-group slots).

MOE P4 Syllabus Essentials: Numbers and Algebra

Use this as a weekly mastery checklist. Aim for 'accurate + explainable + repeatable'.

Whole numbers up to 100,000

- Read/write numbers in numerals and words; place value (ten thousands to ones).
- Compare/order numbers; recognise patterns in number sequences.
- Round to nearest 10 / 100 / 1,000; use ≈ appropriately.
- 4 operations: multiplication algorithm (up to 4-digit × 1-digit; up to 3-digit × 2-digit) and division algorithm (up to 4-digit ÷ 1-digit).

Factors and multiples

- Understand factor vs multiple (and relationship).
- Test if a 1-digit number is a factor of a number within 100.
- Find common factors / common multiples of two given numbers (1-digit).

Fractions

- Mixed numbers ↔ improper fractions (and meaning).
- Fraction of a set (part of a group, not just part of a whole).
- Add/subtract fractions (denominators ≤ 12; no more than two different denominators).

Decimals (up to 3 decimal places)

- Place value (tenths, hundredths, thousandths); compare/order decimals.
- Express decimals as fractions and fractions as decimals (when denominator is a factor of 10 or 100).
- Round decimals to nearest whole number / 1 d.p. / 2 d.p.
- Add/subtract decimals (up to 2 d.p.).
- Multiply/divide decimals (up to 2 d.p.) by a 1-digit whole number; divide whole number by whole number with a decimal quotient.
- Round answers to a specified degree of accuracy.

High-alpha practice method (10–15 minutes/day)

- **Mini-quiz first:** 5 questions in 5 minutes before homework (retrieval practice).
- **Error journal:** write the mistake type (careless / concept / strategy) + fix in 2 lines.
- **One 'hard' problem daily:** a multi-step word problem that forces a diagram or model.

MOE P4 Syllabus Essentials: Geometry, Measurement, and Data

Area and perimeter (composite figures)

- Find one dimension of a rectangle given the other dimension and its area/perimeter.
- Find the length of one side of a square given its area/perimeter.
- Find area and perimeter of composite figures made up of rectangles and squares.

Angles, symmetry, and nets

- Name angles using notation (e.g., $\angle ABC$); measure angles in degrees; draw an angle of a given size.
- Properties of rectangles and squares (excluding diagonal properties); drawing rectangles/squares.
- Line symmetry: identify symmetric figures; test if a line is a line of symmetry; complete symmetric figures on a square grid.
- Nets: identify 2D representations of solids (cube, cuboid, cone, cylinder, prism, pyramid); draw nets; identify the solid formed by a net.

Statistics: tables, line graphs, pie charts

- Complete a table from given data.
- Read and interpret data from tables, line graphs, and pie charts.

Top P4 mistakes (and quick fixes)

- **Fractions:** adding denominators (wrong). Fix: convert to common denominator first; check with a quick estimate.
- **Decimals:** misaligned decimal points. Fix: rewrite in vertical form; use placeholder zeros.
- **Area vs perimeter:** mixing formulas or forgetting units. Fix: label units on every line; circle what is asked.
- **Graphs:** reading the wrong axis or scale. Fix: point to the axis label, then say the unit out loud.
- **Word problems:** jumping into calculation too early. Fix: 3-step rule — underline, diagram, then compute.

Problem-Solving Toolkit for P4 (PSLE-style thinking starts now)

P4 is the best time to learn reliable heuristics. The goal is to choose a strategy quickly and execute accurately.

Core heuristics to master

- **Model drawing (bar model):** part-whole, comparison, before-after, fraction of a set.
- **Working backwards:** multi-step changes (e.g., 'after giving away…').
- **Guess-and-check (systematic):** when exact algebra is not taught yet; keep a table of trials.
- **Unitary method:** 'If 3 items cost $x, 1 item costs…' then scale up.
- **Make a table / look for patterns:** number sequences, factors/multiples, repeating cycles.

A simple weekly plan that actually works

- **Mon–Thu (20 min/day):** 5-min mini-quiz + 10-min focused practice + 5-min error journal.
- **Fri (25 min):** 2 word problems (multi-step) using diagrams; check with estimation.
- **Sat (35–45 min):** mixed review (fractions + decimals + geometry) to build flexibility (interleaving).
- **Sun (10 min):** choose 3 'weak' question types and set next week's micro-goals.

How this links to PSLE outcomes

PSLE Mathematics focuses on application and reasoning. Building habits now — clear working, diagrams, and checking — reduces stress later. PSLE Achievement Levels (ALs) are awarded by mark bands (e.g., AL1 for ≥ 90).

If your child's P4 results are inconsistent (big swings between tests), it is usually a strategy/accuracy issue — which improves quickly with guided practice.

How to Access Official MOE/SEAB Information (fast)

• **MOE syllabus portal:** Go to MOE's 'Primary school subjects and syllabuses' page and download the *Mathematics Syllabus (Primary 1 to 6)* (latest version).

• **MOE Mathematics Syllabus PDF:** Use Section 5 'Content by Level' to check exactly what is tested at each primary level.

• **SEAB PSLE Mathematics syllabus:** For exam format and assessment objectives, read SEAB's PSLE Mathematics syllabus document for the year your child will sit PSLE.

• **MOE PSLE scoring:** Use MOE's PSLE scoring pages to understand Achievement Levels (AL) and how marks map to bands.

How we want the best for our P4 Math students

• We teach with patience, clarity, and high expectations — every student can improve with the right method.

• We build confidence first, then speed and accuracy — without rushing understanding.

• We track progress and communicate clearly with parents on what to fix next.

Ready to strengthen P4 Math? WhatsApp +65 88231234 for a consultation. We'll identify the exact gaps and give a clear next-step plan.

References (official sources)

• [1] BukitTimahTutor.com source page:
https://bukittimahtutor.com/primary-4-mathematics-tuition-bukit-timah-p4-math-tutor-moe-seab-math-syllabus/

• [2] MOE Primary Mathematics Syllabus (P1–P6) PDF (Updated Dec 2024):
https://www.moe.gov.sg/-/media/files/primary/2021-primary-mathematics-syllabus-p1-to-p6-updated-dec-2024.pdf

• [3] MOE Primary school subjects and syllabuses: https://www.moe.gov.sg/primary/curriculum/syllabus

• [4] SEAB PSLE Mathematics (Standard) syllabus document (example: 2025):
https://www.seab.gov.sg/files/PSLE%20Syllabus%20documents/2025%20PSLE/0008_y25_sy.pdf

• [5] MOE PSLE scoring system (Achievement Levels):
https://www.moe.gov.sg/microsites/psle-fsbb/psle/psle-scoring-system.html