Primary 6 Math Tuition & PSLE Readiness Checklist

A practical, parent-friendly guide aligned to MOE syllabus documents and SEAB exam formats.

Start here (next 60 minutes)

1) Download the latest MOE Primary Mathematics syllabus PDF and skim the “content strands”. 2) Print the tracker on the last page of this checklist. 3) Do one timed mini-test (20–30 min) to find your weakest topics. 4) Build a weekly routine: Concept → Worked examples → Mixed practice → Error log.

Why have Primary 6 Math tuition with eduKateSG

- ☐ Small-group coaching so your child gets immediate feedback (not “wait till next week”).
- ☐ We rebuild understanding from first principles, so students stop guessing and start reasoning.
- ☐ Structured PSLE-style practice with a clear error-log system (concept, method, careless, time).
- ☐ Calm exam habits: pacing, checking routines, and confidence-building in every lesson.

What Primary 6 Math tuition really is

Primary 6 Mathematics tuition is targeted coaching for the PSLE year. It focuses on tightening foundations from Primary 1–5, mastering Primary 6-level skills, and becoming fast and accurate at multi-step problem sums under exam timing. Good tuition is not more worksheets – it is the right practice, in the right order, with feedback that changes habits.

How we want the best for our P6 Math students

- ☐ Build a strong foundation so every method is explainable (not memorised).
- ☐ Train problem-solving stamina: focus for 2.5 hours across both papers.
- ☐ Turn mistakes into a system: every error becomes a rule your child can repeat.
- ☐ Help students enjoy progress – confidence grows when results become predictable.

Know the official game: syllabus & exam format

Before drilling practice papers, make sure you are training for the correct syllabus and exam format for your child's cohort.

1) Which syllabus applies to Primary 6?

MOE's Primary Mathematics Syllabus (updated Dec 2024) notes that in 2025 the 2021 syllabus applies to Primary 1–5, while Primary 6 continues to use the 2013 syllabus; the 2021 syllabus becomes applicable to Primary 6 from 2026 onwards.

Practical takeaway: Ask your school which syllabus your child is examined on, then build your practice list from that document.

2) PSLE Mathematics exam format (check the latest SEAB document for your year)

Paper	Booklet(s)	Question types	Marks	Duration	Calculator?
Paper 1	A + B	MCQ + short-answer	45	1 h	Not allowed
Paper 2	—	Short-answer + structured/long-answer	55	1 h 30 min	Allowed
Total	3 booklets	—	100	2 h 30 min	Paper 2 only

SEAB's PSLE Mathematics syllabus document also states that Paper 1 has no calculator, while Paper 2 allows calculators.

3) Calculator & materials checklist

- ☐ Bring an approved scientific calculator; clear any stored information before the exam.
- ☐ Paper 1: no calculator. Paper 2: calculator allowed (bring spare batteries if needed).
- ☐ No sharing of calculators during the exam; the calculator must be silent with visual display only.

Official links to bookmark

• MOE Primary subject syllabuses page (Mathematics): https://www.moe.gov.sg/primary/curriculum/syllabus
• MOE Primary Mathematics Syllabus (P1–P6), updated Dec 2024 (PDF): https://www.moe.gov.sg/-/media/files/primary/2021-primary-mathematics-syllabus-p1-to-p6-updated-dec-2024.pdf
• SEAB PSLE formats (examined in 2025): https://www.seab.gov.sg/psle/psle-formats-examined-in-2025/
• SEAB PSLE Mathematics syllabus / format document (0008): https://www.seab.gov.sg/files/PSLE%20Syllabus%20documents/2025%20PSLE/0008_y25_sy.pdf
• SEAB approved calculators guidelines: https://go.gov.sg/seab-approvedcalculators

High-impact mastery checklist (prioritised)

Rule of thumb

If your child cannot explain a method in simple words, it is not mastered yet. Mastery = can do it correctly + can do it under time + can teach it back.

A) Number & Algebra

- ☐ Fractions: compare, add/subtract, multiply/divide (including word problems).
- ☐ Decimals & percentages: conversion, part-whole, increase/decrease, discount, profit-like contexts.
- ☐ Ratio & proportion: equivalent ratios, sharing in a given ratio, multi-step ratio problems.
- ☐ Algebra basics: use letters, form expressions, solve simple equations, translate word statements.

B) Measurement & Geometry

- ☐ Units & conversions: length, mass, volume, time (avoid “unit slips”).
- ☐ Area: rectangles/triangles/parallelograms + composite figures (cut-and-paste thinking).
- ☐ Circles: circumference/area and parts of circles (if in your cohort’s syllabus).
- ☐ Angles: know properties (triangles, quadrilaterals); spot parallel lines/alternate angles when relevant.
- ☐ Volume: cubes/cuboids; handle “missing dimension” questions.

C) Statistics

- ☐ Read and interpret tables/graphs quickly (identify what the question really asks).
- ☐ Average: total ÷ number of items; use “total = average × number” to back-calculate missing values.
- ☐ Explain answers with units and clear statements (many marks are lost to unclear final answers).

PSLE problem-solving toolbox (when you’re stuck)

- ☐ Model drawing (bar models): part-whole, comparison, ratio, fraction of a set.
- ☐ Before–after method: changes in totals when something is added/removed.
- ☐ Assumption method: “assume all are…” then adjust.
- ☐ Working backwards: reverse operations step-by-step.
- ☐ Guess–check–improve: for small integer constraints (with clear reasoning).
- ☐ Systematic listing: organised tables to avoid missing cases.

Top 8 mistakes that block AL1-level performance

- ☐ Rushing the first read: missing keywords like “remaining”, “altogether”, “at least”.
- ☐ Carrying the wrong unit (cm vs m, minutes vs hours).
- ☐ Skipping the final statement (answer without context).
- ☐ Not checking reasonableness (e.g., answer larger than the whole).
- ☐ Messy working that causes self-inflicted errors.
- ☐ Overusing calculator and losing number sense.
- ☐ Not showing method in Paper 2 structured questions (marks are method-based).
- ☐ Practising only favourite topics and avoiding weak ones.

A practice system that creates real improvement

The goal is not “more practice”. The goal is **deliberate practice**: targeted, timed, reviewed, and repeated until the mistake disappears.

12-week PSLE readiness plan (adapt as needed)

Phase	Weeks	Focus	What to do each week
Build foundations	12–9	Patch gaps fast	Topical practice + short concept notes + 1 mixed set
Strengthen & mix	8–5	Transfer skills	2 mixed topical sets + 1 timed mini-paper + error-log review
Exam conditioning	4–2	Timing & accuracy	Full Paper 1 + Paper 2 (split across days) + deep review
Taper & polish	1	Confidence & clarity	Light practice, redo error-log questions, sleep routine

The 3-part review routine (this is where marks are gained)

- ☐ **Fix the concept:** write a 1–2 sentence rule (“When you see… do…”).
- ☐ **Fix the method:** redo the question without looking; then do a similar one.
- ☐ **Fix the habit:** add a personal “checking step” (units, reasonableness, final statement).

Parent support checklist (simple, high leverage)

- ☐ Create a quiet, consistent study slot (short daily beats long occasional).
- ☐ Ask for explanations, not just answers: “Teach me your method.”
- ☐ Celebrate effort + improvements in the error log (not only perfect scores).
- ☐ Protect sleep in the final month; tired brains make careless mistakes.

Need a fast diagnosis?

If your child’s marks fluctuate wildly from paper to paper, it is usually a mix of gaps + weak checking habits. A good tutor can identify the top 3 bottlenecks and build a short plan to fix them.

Printable trackers

Use these pages as your child’s “control panel” for the final stretch.

Topic tracker (update weekly)

Topic / Skill	Confidence (1-5)	Last practiced	Notes / common mistakes
Fractions, decimals & percentages			
Ratio & proportion			
Speed (check school syllabus if still tested for your cohort)			
Algebra (expressions, simple equations)			
Geometry & angles			
Area of composite figures (incl. circles/parts of circles if in syllabus)			
Volume (cuboids/cubes)			
Data & averages			
Problem sums (multi-step, heuristics)			

Exam-day checklist

- ☐ Pack: entry proof, pencils/eraser, ruler/protractor/compass if needed, approved calculator for Paper 2.
- ☐ Paper 1 pacing: don’t get stuck – skip and return; keep answers neat and final.
- ☐ Paper 2 pacing: show method clearly; box final answers; check units and reasonableness.
- ☐ Final 5–8 minutes: scan for unanswered parts, calculation slips, missing units.

If you want help

WhatsApp or call +65 88231234 for Primary 6 Mathematics tuition support. We’ll help you identify the exact topics and habits to fix, and build a clear weekly plan.