



JURONG WEST PRIMARY SCHOOL

Primary 6
Briefing for Parents

MATHEMATICS

CONTENT

- Modes of Assessment
- Assessment Objectives
- P6 Examination Formats for Standard and Foundation Mathematics Papers
- Expectations of students

MODES OF ASSESSMENT

For P6 STANDARD MATH

	TERM 1	TERM 2	TERM 3	TERM 4
Assessments	15% (Bite-sized test)	15% (Bite-sized test)	70% (Preliminary Exams)	PSLE
	<u>Topics Tested</u> <ul style="list-style-type: none"> • Fractions • Ratio • Percentage 	<u>Topics Tested</u> <ul style="list-style-type: none"> • Fractions • Ratio • Percentage • Angles in Geometrical Figures • Circles • Volume of Cube & Cuboid 	<u>Topics Tested</u> <ul style="list-style-type: none"> • All topics from P1 to P6 - Whole Numbers, Fractions & Decimals - Ratio, Percentage & Rate - Algebra - Measurement - Geometry - Statistics (Tables, Graphs, Pie Charts, Average) 	

ASSESSMENT OBJECTIVES FOR STANDARD MATHEMATICS

Students should be able to:

- Recall mathematical facts, concepts, rules and formulae; perform straightforward computations and algebraic procedures
- Interpret information; understand and apply mathematical concepts and skills in a variety of contexts
- Reason mathematically; analyse information and make inferences; select appropriate strategies to solve problems.

P6 STANDARD MATHEMATICS END-OF YEAR EXAM FORMAT

Total Duration
2h 30 min

P6 STANDARD MATHEMATICS

END-OF-YEAR EXAM FORMAT

Total no of marks	Total no of Qns	Paper 1				Paper 2				Duration	
		Multiple Choice Qns (MCQ)		Short Answer Qns (SAQ)		Short Answer Qns (SAQ)		Long Answer Qns (LAQ)		Paper 1 (non- calculator)	Paper 2 (use of calculator allowed)
		No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	1 h 10 min	1 h 20 min
100	45	10	1	12	2	5	2	10	3,4 or 5		
		8	2								

Total duration: 2 h 30 min

MODES OF ASSESSMENT

For P6 FOUNDATION MATH

	TERM 1	TERM 2	TERM 3	TERM 4
Assessments	15% (Bite-sized test)	15% (Bite-sized test)	70% (Preliminary Exams)	PSLE
	<u>Topics Tested</u> <ul style="list-style-type: none"> Fractions Decimals 	<u>Topics Tested</u> <ul style="list-style-type: none"> Fractions Decimals Percentage Average Volume Pie Charts 	<u>Topics Tested</u> <ul style="list-style-type: none"> All topics from P1 to P6 - Whole Numbers, Fractions & Decimals - Percentage & Rate - Measurement - Geometry - Statistics (Tables, Graphs, Pie Charts, Average) 	

P6 FOUNDATION MATHEMATICS END-OF YEAR EXAM FORMAT

Total Duration
1h 45 min

P6 FOUNDATION MATHEMATICS

END-OF-YEAR EXAM FORMAT

Total no of marks	Total no of Qns	Paper 1				Paper 2				Duration	
		Multiple Choice Qns (MCQ)		Short Answer Qns (SAQ)		Short Answer Qns (SAQ)		Long Answer Qns (LAQ)/ Structured Qns		Paper 1 (non- calculator)	Paper 2 (use of calculator allowed)
		No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	1 h	45 min
80	42	10	1	8	2	10	2	4	3 or 4		
		10	2								

Total duration: 1 h 45 min


EXPECTATIONS OF STUDENTS

- Show working for MCQs so that the teacher can monitor your child's thought processes and provide remediation when necessary
- Display perseverance in solving a problem.
- Be systematic in presenting solutions to problem sums i.e. equations, working (if no calculator is allowed) and statements to conclude.



"Even the hardest puzzles have a solution."

EXPECTATIONS OF STUDENTS

- Practise time management to complete Paper 1 within the stipulated time (The stipulated time is 1h 10 min for Standard Math and 1h for Foundation Math).
 - Use the calculator to compute only when the calculator icon  is displayed beside the questions.
 - Do not draw or decorate the calculators with own stickers.
- (All calculators need to have an approval sticker from JWPS.
Math teachers will check before Prelims.)



EXPECTATIONS OF STUDENTS

- Monitor your child's work i.e. ensure all corrections are complete and check before signing.
- Co-operate with the Math teachers and have trust in us, for we share a common goal, that is, to realise your child's potential and make sure your child does well in Mathematics.



EXAMPLE OF STUDENT'S WORK (Using the BEST Approach)

Mrs Jacob spent $\frac{1}{6}$ of her salary on a washing machine. Then, she spent $\frac{2}{5}$ of the remainder on a television set and saved the rest. If she saved \$750, how much was her salary?

NTUC
✓✓✓

Washing Machine

TV Set

Saved (\$750)

$3u = \$150$
 $1u = \$750 \div 3$
 $= \$250$

$6u = \$250 \times 6$
 $= \$1500$

Her salary was \$1500.

