

# PSLE FOUNDATION MATHEMATICS

For Examination from 2018

## I PURPOSE OF THE EXAMINATION

The purpose of the Foundation Mathematics examination is to assess pupils' attainment in mathematics at the end of primary education with respect to the objectives of the Primary Foundation Mathematics syllabus.

## II ASSESSMENT OBJECTIVES

	Pupils should be able to:
<b>AO1</b>	recall mathematical facts, concepts, rules and formulae; perform straightforward computations  <i>This AO includes basic numerical and geometrical properties, basic skills of measuring, units of measurement, comparing and ordering numbers and quantities, and retrieving information in statistical and geometrical forms.</i>
<b>AO2</b>	interpret information; understand and apply mathematical concepts and skills in a variety of simple contexts  <i>This AO includes data interpretation and spatial visualisation.</i>
<b>AO3</b>	reason mathematically; analyse information and make inferences in simple situations  <i>This AO includes reasoning inductively and deductively, analysis of relationships among quantities and geometric figures and making inferences from mathematical data or results.</i>

### III EXAMINATION FORMAT

The examination consists of two written papers comprising three booklets.

Paper	Booklet	Item Type	Number of questions	Number of marks per question	Total marks	Duration
1	A	Multiple-choice	10	1	10	1 h
			10	2	20	
	B	Short-answer	10	2	20	
2		Short-answer	10	2	20	1 h
		Structured	6	3 or 4	20	
Total			46	-	90	2 h

#### Notes

1. Both papers will be scheduled on the same day with a break between the two papers.
2. Paper 1 comprises two booklets. The use of calculators is **not** allowed.
3. Paper 2 comprises one booklet. The use of calculators is allowed.

## **Item Types**

### ***Multiple-choice question***

For each question, four options are provided of which only one is the correct answer.

The 1-mark multiple-choice questions will generally be short, simple and straightforward questions that assess basic concepts and skills of the Primary Foundation Mathematics syllabus.

### ***Short-answer question***

The question may comprise one or two parts. For each question, a candidate has to write his answer(s) in the space(s) provided. Marks are awarded as follows:

- For questions with two parts, 2 marks are awarded for the correct answers, one mark for each part.
- For questions with one part only, 2 marks are awarded for the correct answer. If an incorrect answer is given, 1 mark is awarded for the correct method or working shown.

Any unit required in an answer is provided and a candidate has to give his answer in that unit.

### ***Structured question***

For each question, a candidate has to show his method of solution (working steps) clearly and write his answer(s) in the space(s) provided.