Primary 6
Foundation Mathematics

Math Assessment Plans

Term 1	Mini Test	
Term 2	Mini Test	
Term 3	Prelim	100%
Term 4	PSLE	

Examination Format

- Paper 1 – non calculator component

- Paper 2 – calculator component

There will be a break between the two papers

Examination Format
Paper 1 – Foundation Math

Paper	Item Type	No. of Qns.	No. of marks per Qn.	Weighting	Duration
1	Booklet A MCQ	10	1	10%	1 hour
		10	2	20%	
	Booklet B Short-ans	10	2	20%	
			Total	50%	

Examination Format
Paper 2 - Foundation

Paper	Item Type	No. of Qns.	No. of marks per Qn.	Weighting	Duration
2	Short-ans	10	2	20%	1 h
	Structured / Long-ans	6	3 or 4	20%	
			Total	40%	

Time Management

Duration for Paper 1 : 1 hour

Booklet A : 25 minutes

Booklet B : 25 minutes

Checking : 10 minutes

Duration of Paper 2 : 1 hour

10 Short answer questions : 25 minutes

6 Long structured questions : 25 minutes

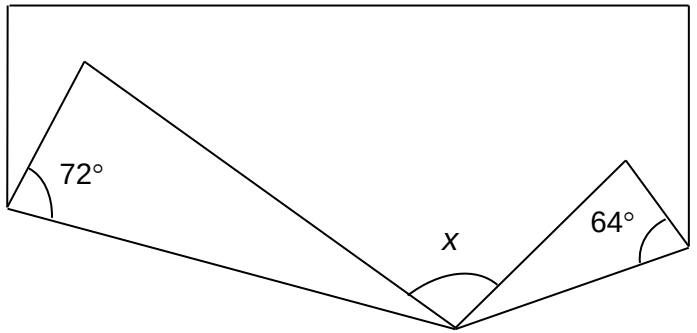
Checking : 10 minutes

2 Mark-Short Answer Question

	2 mark	1 mark
Correct answer	✔	
Correct method but wrong answer		✔

Correct Method But Wrong Answer

The figure below shows a rectangular piece of paper folded at two of its corners. Find $\angle x$.



$90^o - 72^o = 18^o$
$90^o - 64^o = 26^o$
$180^o - (18^o \times 2) - (26^o \times 2) = \mathbf{92}^o$ (M1 A1)

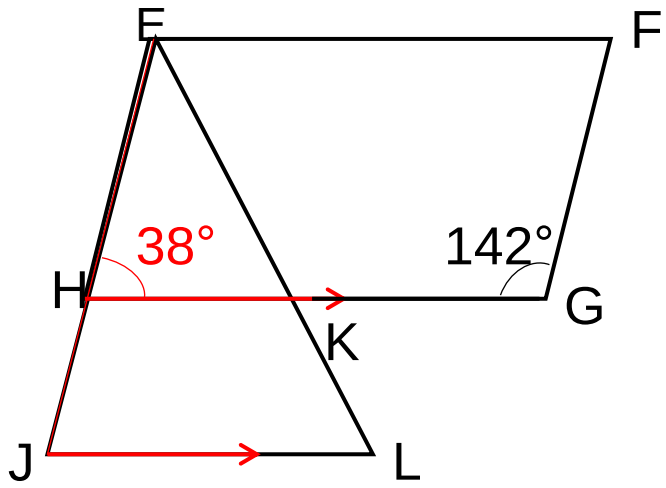
$90^o - 72^o = \mathbf{16}^o$
$90^o - 64^o = 26^o$
$180^o - (\mathbf{16}^o \times 2) - (26^o \times 2) = \mathbf{96}^o$ (M1)

Structured/
Long Answer Question

- For each question, pupils have to show his working steps clearly.
- Marks are allocated for correct method or workings shown.
- For questions on Angles, pupils have to label the angles explicitly in the number sentences or mark them in the figures.

Labelling the angles in the solutions

In the figure below (not drawn to scale), EFGH is a parallelogram and EJL is a triangle. ∠FGH = 142° and HG // JL. Find ∠HJL.



∠EHG = 180° - 142°

= 38° (M1)

∠JHK = 180° - 38 °

= 142° (M1)

∠HJL = 180° - 142 ° (M1)

= 38 ° (A1)

Common Errors

TOPICS	
Numbers	Arrange the following numbers from the largest to the smallest. 6, 6.3, 6.03 Pupils tend to write 6 is greater than 6.03

Common Errors

TOPICS	
Numbers	7.26 x 8 . Give your answer to 1 decimal place. Pupils did not know how to deal with the place holder “0” in the answer 58.08. A common wrong answer is 58.8.

Common errors

TOPICS	
Measurement	Pupils stumbled over the conversion of metres-centimetres.

Strategy for Solving Word Problems

Step 1 : **R**ead questions carefully.

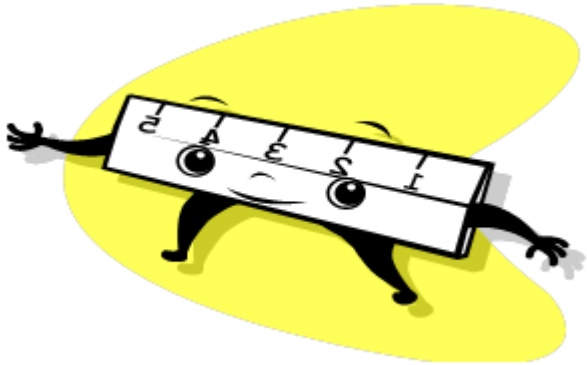
Step 2 : **U**nderline magic words.

Step 3 : **L**ook for clues.

Step 4 : **E**quations are a MUST!

Step 5 : **R**eady to check. (Use estimation to check the reasonableness of answers.)

RULER!



Curriculum Matters

Some class routines

- Draw model using pencil and ruler
- Corrections to be completed in green
- Homework to be handed in the following day

What a child should do….

1. Build a strong foundation in basis knowledge.

2. Constant revision

   - Practise questions of different concepts to strength the concepts.

3. Revise all the topics that would be tested, including previous and current year topics.

4. Start out with simple sums before moving on to more difficult sums.

Some exam strategies

1. Always attempt the questions according to the order in the paper to build up confidence for the rest of the paper.
2. If the pupil come across a difficult question, he should skip it and move on before going back. (Hopefully not too many)

Some exam strategies

3. Guess and Check :

- Should be the last resort to solve problems.
- Is important to label the tables and to check against the criteria specified in the questions.
- Write neatly as the pupils tend to be untidy in the presentation

Thank
You