

# Primary 5 Mathematics



**ST JOSEPH'S INSTITUTION JUNIOR**

*A Lasallian School of the *Bella Salle* Brothers*



# Curriculum Matters

Term 1	Term 2
Whole Numbers	Multiplication of Whole Numbers, Fractions and Mixed Number
Operations of Whole Numbers	Area of a Triangle
Fractions and Mixed Numbers	Ratio
	Volumes of cubes and cuboids



# Curriculum Matters

Term 3	Term 4
Decimals	Angles
Percentage	Triangles
Average	Quadrilaterals
Rate	



# Math Resources

- My Pals Are Here : Textbooks and Workbooks
- My Pals Are Here : Test Book
- Concept booklets
- Speed Tests (Class Kick)
- Note book



# 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 unless stated otherwise
  - to be copied from the board



# Curriculum Matters

## Some class routines

### Word Problems:

- Equations should be presented vertically downwards.
- Working should be done on the right-hand side.
- Final answer should be written on the answer line.
- Write neatly



## Math Assessment Plans

Term 1		
Term 2	Mini Test	} 30%
Term 3	Mini Test	
Term 4	End of year	70%



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Falls* Brothers



## Examination Format

Paper 1  
(1 hour)

Non-calculator component

Paper 2  
(1 hour 30 minutes)

Calculator component

There will be a break between the two papers



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers





# Examination Format

## Paper 1

Paper	Item Type	No. of Qns.	No. of marks per Qn.	Weighting	Duration
1	Booklet A MCQ	10	1	10%	1 hour
		5	2	10%	
	Booklet B Short-ans	5	1	5%	
		10	2	20%	
Total				45%	



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



# Examination Format

## Paper 2

Paper	Item Type	No. of Qns.	No. of marks per Qn.	Weighting	Duration
2	Short-ans	5	2	10%	1 h 30 min
	Structured / Long-ans	12	3, 4, 5	45%	
Total				55%	



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



# 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 30 minutes**

5 Short answer questions : 15 minutes

Long structured questions : 55 minutes

Checking : 20 minutes



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



## 2-Mark Short Answer Question

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



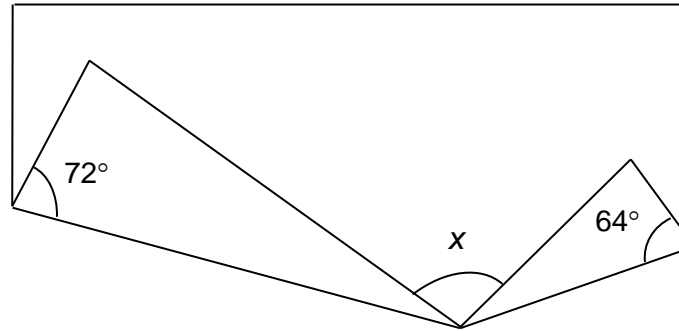
**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



# Correct Method But Wrong Answer

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



$$90^\circ - 72^\circ = 18^\circ$$

$$90^\circ - 64^\circ = 26^\circ$$

$$180^\circ - (18^\circ \times 2) - (26^\circ \times 2) = \underline{92^\circ} \quad (\text{M1 A1})$$

$$90^\circ - 72^\circ = 16^\circ$$

$$90^\circ - 64^\circ = 26^\circ$$

$$180^\circ - (16^\circ \times 2) - (26^\circ \times 2) = \underline{96^\circ} \quad (\text{M1})$$



## Structured / Long Answer Question

- ☐ For each question, a pupil has to show his equations clearly.
- ☐ Marks are allocated for correct method or workings shown.



## Areas of Concern

- From P4 to P5, there is a significant increase in the level of difficulty in terms of content. Pupils have to continue to work hard.
- With the introduction of calculator, pupils tend to rely on it even though the question does not require it.



# What a child should do....

1. Build a strong foundation in basic 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.



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers





# 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!

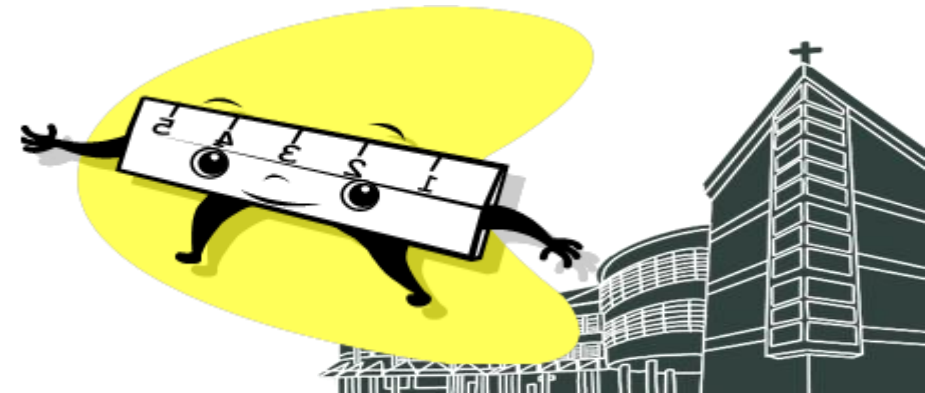
Step 5 : **R**eady to check. (Use estimation to check the reasonableness of answers.)

## RULER!



ST JOSEPH'S INSTITUTION JUNIOR

A Lasallian School of the *Bella Salle* Brothers



# 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)



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



# 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



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers



# Math Olympiad Competitions

Organised by the following schools:

- NUS High
- Anglo Chinese School Independent
- Open to pupils who are interested to participate in the competitions only
- Details will be provided nearer the date



**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bella Salle* Brothers





**ST JOSEPH'S INSTITUTION JUNIOR**

A Lasallian School of the *Bethlehem* Brothers

