PRIMARY 4 MATHEMATICS

Materials Required

- 4A Math Course Book
- 4A Math Activity Book
- 4B Math Course Book
- 4B Math Activity Book
- Math 365 Exercise Book
- Pink File with 5 dividers

P4 Math
Schedule of Topics to be taught

SEMESTER 1	SEMESTER 2
4A Unit 1 – Whole Numbers	4B Unit 1 – Decimals
4A Unit 2 – Multiplication and Division of Whole Numbers	4B Unit 2 – The Four Operations of Decimals
4A Unit 3 – Fractions	4B Unit 3 – Area and Perimeter
4A Unit 4 – Angles	
4A Unit 6 – Line Symmetry	4B Unit 4 – Tables and Graphs
4A Unit 5 – Geometrical Figures	4B Unit 5 – Time

PROBLEM SOLVING STRATEGIES

Examples:
- Draw a model or diagram
- Make a systematic list/Tabulation
- Before / after concept
- Look for a pattern
- Guess & Check
- Work backwards
- Supposition etc.

P4 Math Assessment Plan 2023

- The dates and topics of each assessment in each term will be communicated to you and your child via term letter at a later date.

Term 1	Term 2	Term 3	Term 4
Term Review	Weighted Assessment 1	Weighted Assessment 2	Semestral Assessment
Non-weighted (0%)	Weighted (15%)	Weighted (15%)	Weighted (70%)
Total 100%			

Format of Term Review and Weighted Assessments

Section	Item Types	No. of questions	No, of marks per question	Total marks	Duration
1	Short-answer	8	2 marks	16 marks	40 min
2	Structured / Long-answer	4	3- 4 marks	14 marks	
Total		12		30 marks	

Term Review is formative in nature and not weighted.

Format of Semestral Assessment

Section	Item Types	No. of questions	No, of marks per question	Total marks	Duration
A	Multiple-choice	10	2 marks	20 marks	1 h 45 min
B	Short-answer	25	2 marks	50 marks	
C	Structured / Long-answer	2	3 marks	6 marks	
		6	4 marks	24 marks	
Total		43		**100 marks**	

Multiple-choice Questions

- Indicate answer on question paper to facilitate checking.

- Shade oval in OAS after completing each question when provided (for SA only).

Short-answer Questions

- To show working clearly and write the correct answers in the spaces provided.

- Do not erase the working as method marks maybe awarded for the **correct working** (for 2-mark questions) shown, if the answer is incorrect.

Structured / Long-answer Questions

- To show each step taken and working clearly, so that **method marks** and answer marks can be awarded accordingly.

- Pupils are encouraged to **show all steps** as method marks may be awarded, even if the answer is incorrect.

PRESENTATION OF SOLUTIONS

- **Use equal signs** correctly

    Example:

    Mr Tan bought 5 boxes of mangoes. There are 12 mangoes in each box. After he gave away 9 mangoes, how many mangoes did Mr Tan have left?

    Incorrect use of equal signs :

    12 x 5 = 60 – 9 = 51

    Expected solutions:

    12 x 5 = 60

    60 – 9 = 51

- **Standard units of measurement** should accompany the final answers when required. Missing units in final answers will result in mark(s) deduction.

    Example: **Ans: 10 cm**   **Ans: $517**
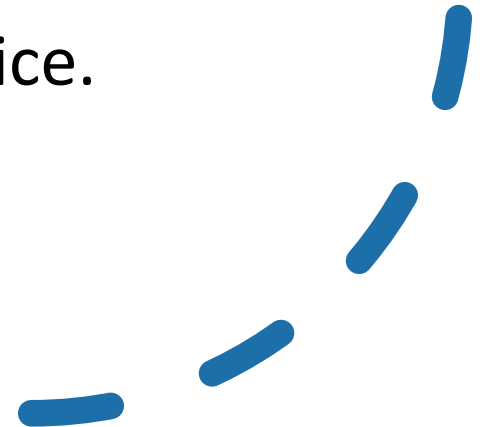
                                                        Ans: 264 m   **Ans: 34 kg**

Partnership with the school...

- Assignments from school...
  - Ensure conducive working environment.

  - Insist that your child sticks to the given time frame...nothing more and nothing less.

  - Good time management practice.

As a pillar of strength and support for your child...

- Praise, encourage and motivate
- Strategize – focus on areas of weaknesses
- Time Management
- **Ensure that mistakes made are corrected**
- **Exposure to Non-routine problems** – ability to apply the concepts taught in unfamiliar questions/situations
- More math…in other forms
    - Math Games → Coolmath.com
    - Math Literature → Math magazines
    - Daily life
    - Logic puzzles
- **Manage stress** – watch for changes in behavior

Thank you