

Curriculum Briefing 2024

Primary 3
Mathematics



Mathematics Curriculum

Aims to:

- Acquire mathematical concepts and skills for everyday use and continuous learning in mathematics
- Develop thinking, reasoning, communication, application and metacognitive skills through mathematical approach to problem solving
- Build students' confidence and foster interest in mathematics



P3 Mathematics Topics

Semester 1	<u>Term 1</u> Numbers to 10 000 Addition and Subtraction within 10 Money Multiplication Tables of 6, 7, 8 and 9	<u>Term 2</u> Multiplication & Division Word Problems (Multiplication & Division) Bar Graph Angles
Semester 2	<u>Term 3</u> Perpendicular and Parallel Lines Fractions Length, Mass and Volume	<u>Term 4</u> Area and Perimeter Time

Class Discussion and Teacher Demonstration

- Through the use of Questioning Techniques, teachers facilitate learning and elicit understanding of students' learning. These interactions allow students to think deeply and make connections.
- Working in a team improves peer interaction as well as opportunity to learn from one another.
- Teacher or peer demonstration allows students to see and understand the requirements of the given work.



Work Presentation

The proper presentation of solutions for math word problems will assist students to check their work for accuracy and for ease in following through the question.

Students are strongly encourage to **draw models**, write the **equation** and show their **working** clearly.

Model

Equation

$$30 + 30 = 60$$

$$231 + 60 = 291$$

$$\begin{array}{r} 0 \\ 0 \\ \hline 60 \\ \hline 231 \\ + 60 \\ \hline 291 \end{array}$$

Answer: 291

Working

Statement

$$65 \times 8 = 520$$

$$520 + 6 = 526$$

$$\begin{array}{r} 65 \\ \times 8 \\ \hline 520 \end{array}$$

Samantha baked 526 Chocolate cookies.

Assessments (for Learning, of Learning)

Assessments for Learning

To elicit students' understanding and possible gaps that need to be addressed.

Assessments of Learning

Report on students' *level of attainment* and inform *progress* to key stakeholders - parents, teachers and students

Typically, assessments are used in our school formatively to inform students' learning and allow teachers to guide students in closing learning gaps.

Assessment Overview

P3	Weighted Assessment 1 (WA1)	Weighted Assessment 2 (WA2)	Weighted Assessment 3 (WA3)	End-Year-Exam (EYE)
Duration	40 min	50 min	-	1 h 30 min
Base Marks	25 marks	30 marks	25 marks	50 marks
Type of Questions	Multiple-Choice Questions (MCQs) Short Answer Questions (SAQ) Long Answer Questions (LAQ)		Alternative Assessment	Section A: MCQ Section B: SAQ Section C: LAQ

Home – School Partnership

Cultivate good habits

Encourage students to strive for accuracy. Timely submission of work allows teachers to understand any gaps in the acquisition of concepts.

Optimise Screen Time

E-learning via Student Learning Space (SLS) will be assigned to your child via his/her SLS account.

Do ensure that your child completes the given assignments.

Filing of Math WS

Encourage and monitor how your child files in his/her worksheets at home.

Follow up on the returned assignments by asking questions that stimulate your child's thinking and revise periodically so that he / she can have a good mastery of previously taught topics.



Thank You