

CHIJKELLOCK



PRIMARY 1 MATHEMATICS



A Christ-centred learning community where every child will develop her unique giftedness to lead and make a difference.

BRIEFING OUTLINE

1. Teaching & Learning Approach

2. School-Based Curriculum & Programme

3. Mathematics Assessment



TEACHING AND LEARNING APPROACH

Learning Experience

- Designed to inculcate active learning
- Understand mathematical concepts
- Acquire skills for everyday use
- Foster a greater interest in Math
- The learning experiences include:
 - Hands-on Activities
 - Show and Say
 - Pair and Share
 - Play and Learn



TEACHING AND LEARNING APPROACH



SCHOOL-BASED CURRICULUM & PROGRAMME

- **Math Alive**
- **Speed Challenge**
- **Problem Solving Package (PSP)**
- **Financial Literacy**
- **Remedial**



SCHOOL-BASED CURRICULUM & PROGRAMME

Math Alive

- **Aim:** To engage students in authentic tasks to explore mathematics concepts and ideas beyond the classroom.
- **Task:**
Each student is to complete 3 compulsory tasks.
Students who complete 10 stars will get a *Math Alive badge*.



SCHOOL-BASED CURRICULUM & PROGRAMME

Math Alive Family Kit

- Home-School Partnership
- Inculcate active Mathematics learning
- Discover that Math is applicable in every day activities and make sense of what they learn



SCHOOL-BASED CURRICULUM

Speed Challenge

- **Objective:**

To provide opportunity for students to ...

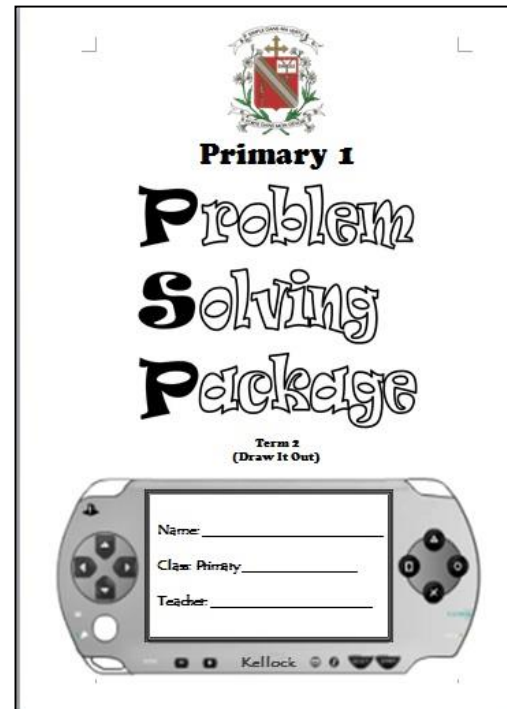
→ develop speed, accuracy and confidence in the recall of the basic facts



SCHOOL-BASED CURRICULUM & PROGRAMME

Problem-Solving Package (PSP)

- **Aim:** To equip students with various thinking skills and heuristics to help them solve mathematical problems.



SCHOOL-BASED CURRICULUM & PROGRAMME

Problem-Solving Package (PSP)

- Approach: The use of UPER framework to scaffold students' thinking process to problem solving.

Understand

Plan

Execute

Review



SCHOOL-BASED CURRICULUM & PROGRAMME

Problem-Solving Package (PSP)

PSP Strategies for P1

- Draw it Out
- Look for a Pattern
- Work Backwards



MATHEMATICS ASSESSMENT

- Topical Practices
- Math Practical
- Checkpoint Assessments



Thank you!

