

Mathematics Department

Parents' Briefing

Scope

- ▶ Syllabus
- ▶ Curriculum
- ▶ Topics
- ▶ Department Programs
- ▶ Holistic Assessment
- ▶ Tips for Parents

Syllabus

- ▶ 2018 P1 cohort will be using the 2013 syllabus as they progress through primary school
- ▶ Books: Targeting Mathematics by Star Publishing Pte Ltd

Curriculum

- ▶ Spiral design: Topics revisited and introduced in increasing depth from one level to the next
- ▶ Concrete-pictorial-abstract (CPA) development

Concrete Experience

- ▶ Hands-on activities using manipulatives



Pictorial Representation

► Subtraction stories



I have 8 basketballs.
I give away 3 basketballs.



$$8 - 3 = 5$$

I have 5 basketballs left.

Abstract

- ▶ Symbols and numbers



Primary 1 Topics

- ▶ **Whole Numbers (up to 100)**
 - Addition and subtraction within 100, multiplication within 40, division within 20, word problems
- ▶ **Money**
 - Counting in cents up to \$1, in dollars up to \$100, word problems involving addition and subtraction in dollars or in cents

Primary 1 Topics

▶ Measurement

- Measuring and comparing length in non-standard units
- Telling time to the hour / half hour

▶ Geometry

- 2D Shapes, rectangle, square, circle, triangle, patterns with 2D shapes

Primary 1 Topics

- ▶ **Data Representation and Interpretation**
 - **Picture graphs (reading and interpreting data)**

Department Programs

- ▶ P1 Maths enrichment (tentatively in Term 3, during Fri CCA periods)
- ▶ Parents' Workshop



Department Programs

- P1 Maths Trail (Rivervale Mall, group work and individual work)



- Maths Fair



Holistic Assessment

- ▶ Performance Task
- ▶ Take a Challenge (MCQ and short answer questions)
- ▶ Solving Word Problems

What Can I Do As A Parent?

- **Active involvement in child's school work**
 - Ask your child what was learnt in school
 - Did your child ask the teacher questions?
 - Have you seen the work done by your child?

What Can I Do As A Parent?

- Ensure that homework is completed neatly
- Importance of speed and accuracy in Maths
- Motivate your child, provide a safe learning environment

**THANK
YOU!**

