

# **Maths Dept Syllabus**

- **P1 syllabus (2013 syllabus)**
  - **2017 P1 cohort will be using the 2013 syllabus as they progress through primary school**
  - **P1 Books**
- Targeting Mathematics**  
**Star Publishing Pte Ltd**



# Maths Dept

## Syllabus

- **Spiral design → topic revisited and introduced in increasing depth from one level to the next**
- **Concrete-pictorial-abstract (CPA) development:**  
**Concrete experience: hands-on activities using manipulatives**



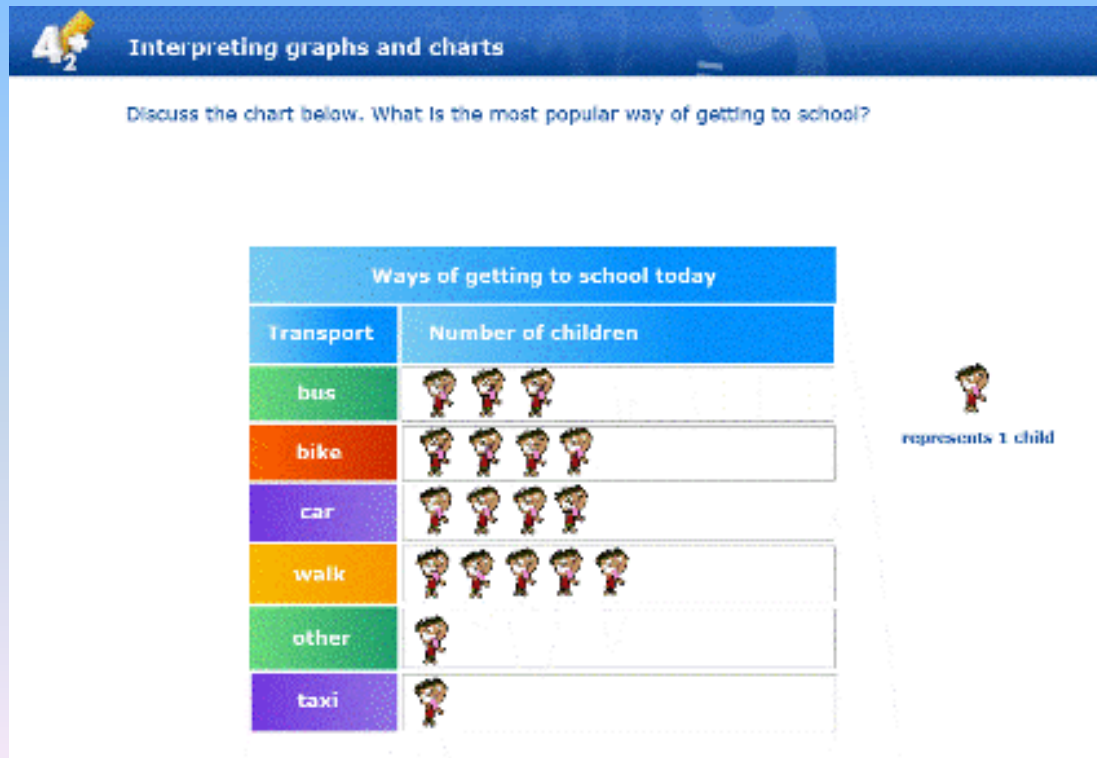


***The Rivervale – School of Excellence, Individuals of Character***

# Maths Dept Syllabus

- **Concrete-pictorial-abstract (CPA) development:**

**Pictorial: pictorial representation**



# Maths Dept Syllabus

- **Concrete-pictorial-abstract (CPA) development:**

**Abstract: symbols, numbers**



# Maths Dept

## Syllabus

### 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**



# Maths Dept

## Syllabus

### 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**



# Maths Dept

## Syllabus

### Primary 1 Topics:

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





# Maths Dept

## Students

- P1 Maths enrichment (tentatively in Term 3, during Fri CCA periods)
- Experiential Learning
- P1 Maths Trail (Rivervale Mall, group work and individual work)



# Maths Dept

## Parents

- **Maths Workshop for Parents**

**→ In Term 2, parents will be informed of actual date in due course**



# Maths Dept

## 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?



# Maths Dept

## 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**

