

# **PRIMARY 5 MATHEMATICS**



**PARENTS' BRIEFING**  
**13 February 2017**

# **Outline of Sharing**

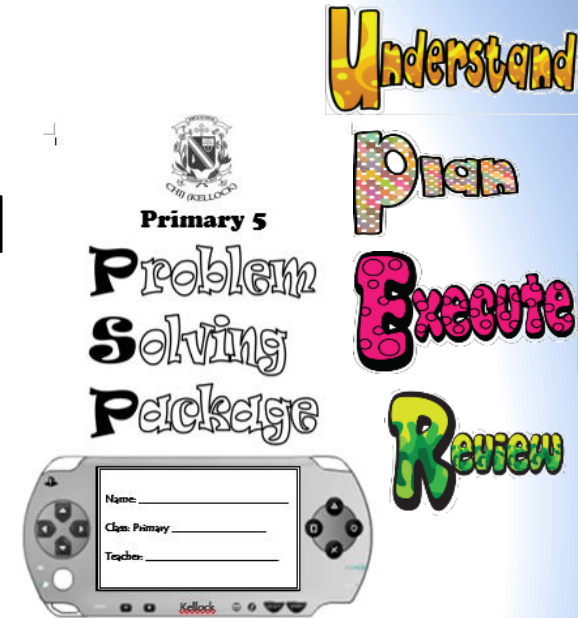
- **Primary 5 Mathematics Syllabus**
- **Use of Calculators**
- **Examination Format at Primary 5**
- **Types of Questions in Mathematics Assessments**

# **Primary 5 Mathematics Syllabus**

- ♣ Development of Pri 1 – 4 syllabus**
- ♣ Percentage**
- ♣ Ratio**
- ♣ Area of Triangle**
- ♣ Four-sided Figures**
- ♣ Properties of Triangles**
- ♣ Angles**
- ♣ Average**
- ♣ Volume of cube and cuboid**

# Introduction of Calculators at Primary 5

- ✓ Balance between computational skills & problem solving skills
- ✓ Develop greater confidence in Mathematics



Basic numeracy, mental computation, estimation skills will continue to receive emphasis

**Paper 1**

CHIJ (KELLOCK)  
Term 1  
Name: ( ) Class: P 4  
Date: \_\_\_\_\_

**Mental Sums 1**

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

Your score: \_\_\_\_\_

**Speed Challenge 1**

Fill in the blanks.

1.	$100 + 80$
2.	$310 + 46$
3.	$700 + 400$
4.	$120 + 160$
5.	$100 - 25$
6.	$413 - 10$
7.	$2\ 600 - 300$
8.	$7 \times 5$
9.	$8 \times 3$
10.	$9 \times 4$

Your score: \_\_\_\_\_

**MATH**

# **Types of Calculators**

- ✓ **Only Singapore Examinations & Assessment Board (SEAB) approved calculators**
- ✓ **The same calculators can be used in secondary school and Junior College**

# Types of Calculators

<b>Casio</b>	<b>FX 82MS FX 85MS FX 95MS FX 95 SG Plus FX 350MS FX 96 SG Plus</b>
<b>Sharp</b>	<b>EL 509WM EL 509WS EL 509X ELW531S ELW531XM EL 533X</b>

<http://www.seab.gov.sg/content/calculator/GuidelinesCalculators.pdf>

# **EXAMINATION FORMAT**

## **MATHEMATICS**

**Paper 1(45%) - 1 hour**

**Use of calculator is NOT allowed**

<b>Booklet</b>	<b>Item Type</b>	<b>No of Qn</b>	<b>Marks</b>	<b>Weighting</b>
<b>A</b>	<b>MCQ</b>	<b>10</b>	<b>1</b>	<b>10%</b>
		<b>5</b>	<b>2</b>	<b>10%</b>
<b>B</b>	<b>Short - Answer</b>	<b>5</b>	<b>1</b>	<b>5%</b>
		<b>10</b>	<b>2</b>	<b>20%</b>

# **EXAMINATION FORMAT MATHEMATICS**

**Paper 2 (55%) – 1 hr 30 mins**

**Use of calculator is allowed**

<b>Item Type</b>	<b>No of Qns</b>	<b>Marks</b>	<b>Weighting</b>
<b>Short - Answer</b>	<b>5</b>	<b>2</b>	<b>10%</b>
<b>Structured/ Long-Answer</b>	<b>12</b>	<b>3,4,5</b>	<b>45%</b>



# GRADES

**A\* : 91 and above**

**A : 75 – 90**

**B : 60 – 74**

**C : 50 - 59**

**D : 35 - 49**

**E : 20 - 34**

**U : Below 20**

# **TYPES OF QUESTIONS IN MATHEMATICS**

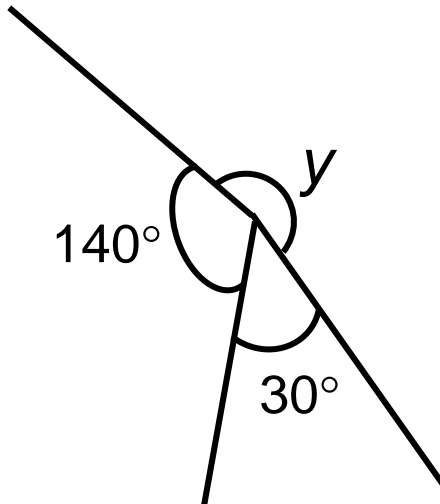
# ***ASSESSMENT OBJECTIVE LEVELS***

☞ **Assessment Objective 1 : recall mathematical facts, concepts, rules and formulae; perform straightforward computations.**

1) Find the value of  $0.46 \times 70$

*(PSLE 2013/Paper 1 Booklet B/ Questions 20)*

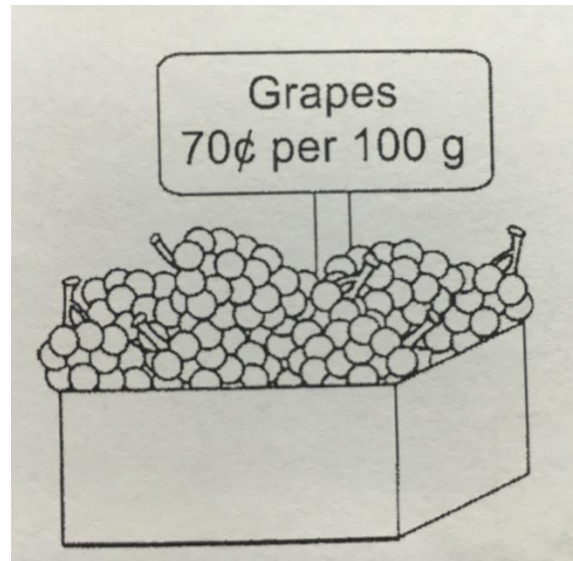
2) In the figure below, find  $\angle y$



*(PSLE 2014/Paper 1 Booklet B/ Questions 18)*

➔ **Assessment Objective 2 : interpret information; understand and apply mathematical concepts and skills in a variety of context.**

Zaleha bought 1.2 kg of grapes. How much did she pay?



Ans: \$ \_\_\_\_\_

(PSLE 2015/Paper 2 Questions 1)

➡ **Assessment Objective 3: reason mathematically, analyse information and make inferences; select appropriate strategies to solve problems.**

Mei was given \$3 pocket money every day of the week. She spent \$2.60 per day from Monday to Friday and save the rest. She saved all her pocket money on Saturday and Sunday. Starting on Monday, how many days did it take her to save \$50?

*(PSLE 2015/Paper 2 Questions 11)*

Thank  
you!