

Errata for Mathematics Year 6 Teacher's Guidebook

This errata is provided to replace a few pages in Mathematics Year 6 Teacher's Guidebook, ie. pgs. 231, 232, 233, 234, 237, 238 and 239. These pages in the teacher's guidebook contain errors involving mathematical concept. The units/topics involved are as follows:

Unit 11: Data Handling Subtopic: Organising and Interpreting Data

Page	Error	Correction
231	Content in pie chart under Teaching and Learning Activity.	Content for the whole page.
232	Content in pie chart under Alternative Activity.	Content for the whole page.
233	Content in pie chart under Consolidation.	Content for the whole page.
234	Content in data table under Consolidation.	Content for the whole page.
237	Content in data table for Task 1 and answers for Task 2 in Let's Work Together.	Data table for Task 1 and answers for Task 2.
238	Content in data table for Question 2 in Let's Do It.	Data table and answers for Question 2.
	Content in data table for Question 10 in Let's Wrap Up.	Data table and answers for Question 10.
239	Content in data table for Question 18 in Test Yourself.	Data table and answers for Question 18.



Determine the Frequency, Mode, Maximum Value, Minimum Value, Range and Mean from a Pie Chart

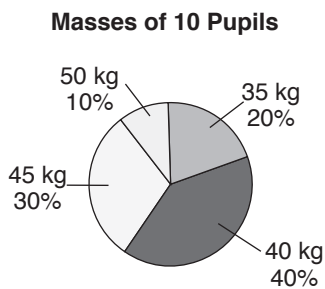


TEACHING AND LEARNING ACTIVITY

Prior preparation:

Prepare a simple pie chart on a display sheet (or draw on the computer and display it through the LCD).

- As an introduction to this topic, display a pie chart as shown below.



- Randomly choose a pupil to explain this pie chart. Guide him/her to extract as much information that he/she can get from the pie chart.
- Introduce a data table and let pupils learn how to fill in the data table with the information given. Help pupils by posing questions such as:
 - How many pupils with the mass of 35 kg, 40 kg, 45 kg and 50 kg?
 - How do you calculate the number of pupils for each mass?

Mass	Percentage	Number of pupils
35 kg	20%	
40 kg	40%	
45 kg	30%	
50 kg	10%	

- Let pupils work in groups. Pupils copy the pie chart shown and construct a data table on a display sheet.
- Guide pupils to calculate the number of pupils for each mass. Assist them where necessary.

Learning Objective

Organise and interpret data from tables and charts.

Learning Outcome

Determine the frequency, mode, range, mean, maximum and minimum values from a pie chart.



Vocabulary

construct – *bina*
 extract – *mendapatkan*
 frequency – *kekerapan*
 information – *maklumat*
 mean – *purata*
 mode – *mod*
 maximum value – *nilai maksimum*
 minimum value – *nilai minimum*
 pie chart – *carta pai*
 range – *julat*



Values

Articulate – Request pupils to be articulate when determining the frequency, mode, minimum and maximum values, range and mean.



Materials

Display sheets.
 Marker pens.
 Double-sided tape.
 Pie chart from newspapers or magazines.