

STATISTICS & THE SEASONS

Resource for Primary Educators

Statistics activity relating to the Seasons Theatre Show

Activity Outline

Print out the two attached *Activity for Learners* pages for each learner in your class.

One page will be used for data collection, and the other page is a bar graph template.

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- Ask your class which month each of their birthdays are in. Using this data your class will need to find out how many birthdays are in each season to complete the tally chart.
- Once the class have written the total at the end of the tally chart, they need to colour in the bar graph template to make a graph displaying the data from the tally chart.

Outcome

Learners will conduct a statistical investigation using the statistical enquiry cycle:

- posing and answering questions
- gathering, sorting and counting, and displaying category data
- discussing the results.

Learners will gather, sort, count and display data.

Learners will display data in a bar graph.





ACTIVITY FOR LEARNERS STATISTICS & THE SEASONS

Name	Month of birthday

Season	Number of birthdays	Total
Raumati Summer		
Ngahuru Autumn		
Hōteke Winter		
Kōanga Spring		

Data Collection

- 1. Use the information in the table on the left to make a tally chart above.
- 2. Find out how many birthdays are in each season. Write the total at the end of the tally chart
- 3. Make a bar graph to show the data on the tally chart.

December, January, February = Summer March, April, May = Autumn June, July, August = Winter September, October, November = Spring

Name: _	100 67 70	4 / 20	
Date:			







ACTIVITY FOR LEARNERS STATISTICS & THE SEASONS

	Bar Graph Title:			
20				
19				
18				
17				
16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Raumati Summer	Ngahuru Autumn	Hōteke Winter	Kōanga Spring