STATISTICAL INVESTIGATIONS– SET 3

Note: At this stage students will be answering 'teacher posed questions'

So they will not be writing the question independently
Ask a questions with variable e.g. how many, length, time etc.

- I wonder how many pets the students in our class have at home?, I wonder what types of recycling are in our school recycling bin? Out of 10 throws how many balls can students get in a bucket that is 2 meters away.

Ⓐ *Can collect data using a table form, or grouping into categories.*

Table

Name	Balls in bucket
Mila	3
Evelyn	4
Magenta	9
Willow	7
Lukas	7
Rindai	9
"	"

- put a heading at the top of each column in the table.
- fill in all the data accurately.

Categories

0 balls	1 balls	2 balls	3 balls	4 balls	5 balls
Zane		Harper	Mila	Evelyn	Braxton
		Ella		Kayden	Yamin
				Amelia	

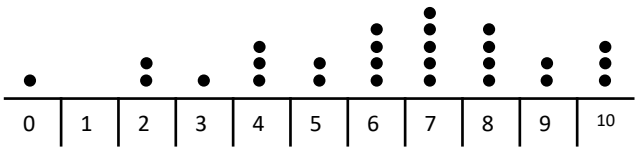
6 balls	7 balls	8 balls	9 balls	10 balls
Isla	Lukas	Ruby	Magenta	Sophie
George	Willow	Wiki	Rindai	Rawiri
Ava	Vincent	Pania		Shu
Tamika	Mateo	Simar		
	Leo			

- clearly group data into logical categories.

Ⓑ *Can display data*

Dot Plot

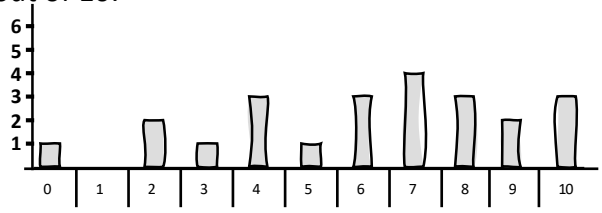
How many balls can Room 7 get in the bucket out of 10.



- Needs a title
- Needs numbers along x axis.
- Needs a dot placed correctly for each data point.

Bar Graph

How many balls can Room 7 get in the bucket out of 10.



- Needs a title
- Categories labeled along the x axis (bottom)
- Numbers correctly placed along the y axis
- Bars drawn to the correct height.

Can discuss categories of data and draw appropriate conclusions.

Can explain how they gathered their data and why they collected it that way.
Teacher: What did you do?
Why did you do that?
Can explain what they did with their data (what graph they created from the information)
Teacher: What did you do next?
Can draw appropriate conclusions (can discuss the information in the graphs)
Teacher: What did you find out?

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