DEVELOPING MATHEMATICAL INQUIRY COMMUNITIES

Level 0 (NE / Year 0)
Copy Masters
Statistics

Task 1

How many children get to school in each way?

Represent what you have found.

Task 1 (independent)

This is the favourite fruit of children in Room 1.

How many children have each fruit as their favourite?

Represent what you have found using two different recordings.

Task 2

How many students in this class have each activity at the playground as their favourite?

Represent what you have found.

Task 2 (independent)

Oliana is finding out which tiare members of her dance group like for their 'ei katu. These are the colours they have chosen:

How many children have each flower as their favourite?

Represent what you have found using two different recordings.

Task 3

What did the children in this class have for breakfast today?

How can you collect data to answer this question?

Record your results to present to the class.

Can you represent this in different ways?

Task 3 (independent)

What did the children in this class have for morning tea yesterday?

How can you use the data to answer this question?

Record your results to present to the class.

Can you represent this in different ways?

Task 4

These are the pets that children from Tui class have at home.

Complete the table:

Dogs	
Cats	

Draw a representation to show this data.

Task 4 (independent)

Hamuera wanted to see how many bees and birds were in his garden. This is what he saw:

Complete the table:

Bee	
Birds	

Draw a representation to show this data.

Task 5

What food do you have for lunch?

Record the results in a table and make a representation to show the data.

Level 1/New Entrant teacher booklet: Statistics

Task 5 (independent)

Record the different sets on the table using tally marks and numbers.

Types of toys	Tally	Number
Cars		
Blocks		
Teddies		

Make a representation to show the data as clearly as possible.

Task 6

Draw a picture graph that shows the data of the food in lunchboxes.

Draw another picture graph that only uses one symbol.

What statements make you make about that data?

Level 1/New Entrant teacher booklet: Statistics

Task 6 (independent)

The chart below shows how students in Room One get to school.

Transport	Tally
🚗	||||| ||
🚌	||
🚲	||||| ||||
🚶	||||| |||||

How many students are in Room One?

Draw a picture graph that shows how students in Room One get to school.

What statements can you make about how students in Room One get to school?

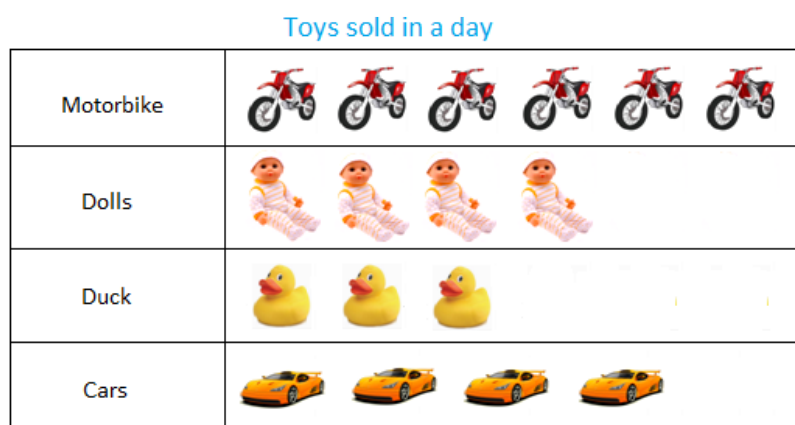*Level 1/New Entrant teacher booklet: Statistics*

Task 7

What sports do you play?

Record the results in a table.

Make two representations to show the data.

Task 7 (independent)

The chart below how many different toys were sold from 2Cheap in one day.
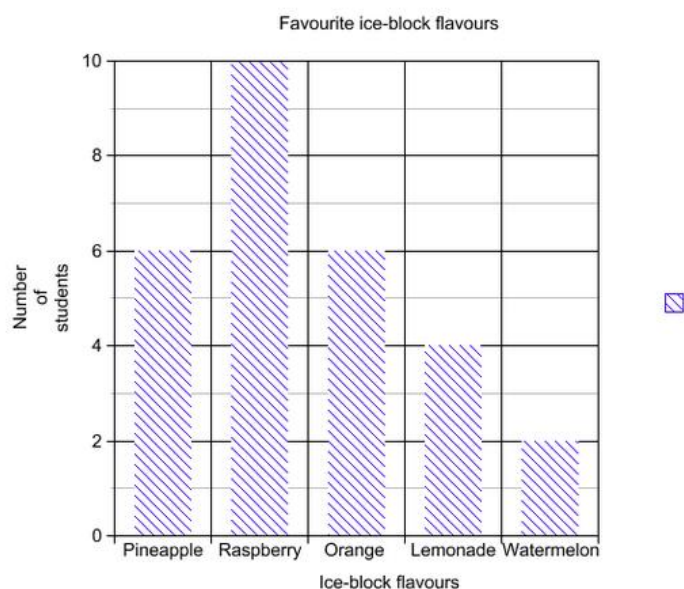

Record the data on a table:

Type of toy	Tally	Number
Motorbike		
Doll		
Duck		
Car		

Make a picture graph of the data.

What statements can you make about the data?

Task 8

Central soccer club wants to buy ice blocks for the players for an end of season treat. They have taken a survey of two teams to find out their favourite flavours.
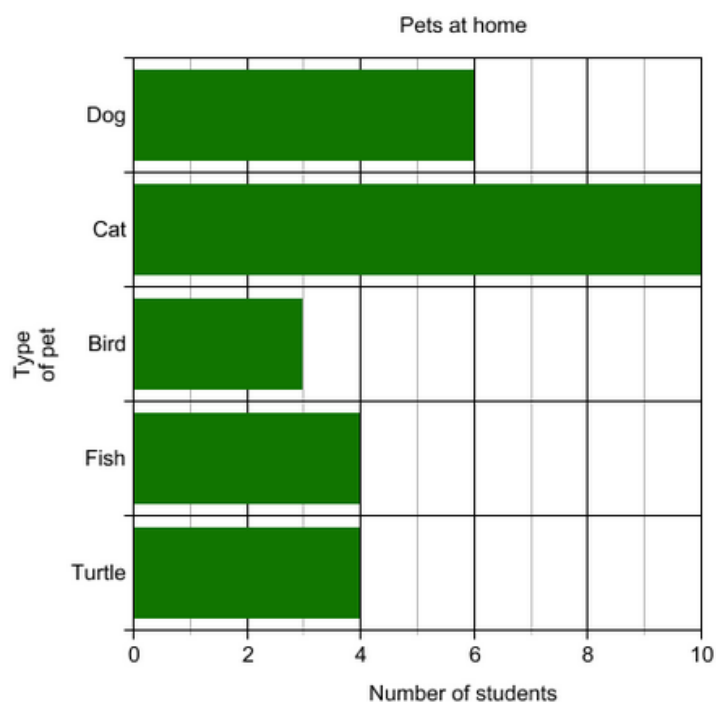

Favourite ice-block flavours

Make statements using 'I notice' about the data showing favourite ice-block flavours.

Make statements using 'I wonder' about the data showing favourite ice-block flavours.

Level 1/New Entrant teacher booklet: Statistics

Task 8 (independent)

These are the pets that one class of children have at home:

Make "I notice" and "I wonder" statements about the data about pets.

Check the statements that a classmate has made and see whether you agree or disagree and give a reason why.

Task 9 (Optional Task)

Sophie Pascoe is an inspirational athlete. She has won a lot of medals for swimming at the Paralympics.

2008
3 Gold
1 Silver

2018
3 Gold
2 Silver

2012
3 Gold
3 Silver

2020
2 Gold
1 Silver
1 Bronze

Record the different medals that Sophie Pascal has won on the table using tally marks and numbers.

Medal	Tally	Number
Gold		
Silver		
Bronze		

Make a representation to show the data as clearly as possible.
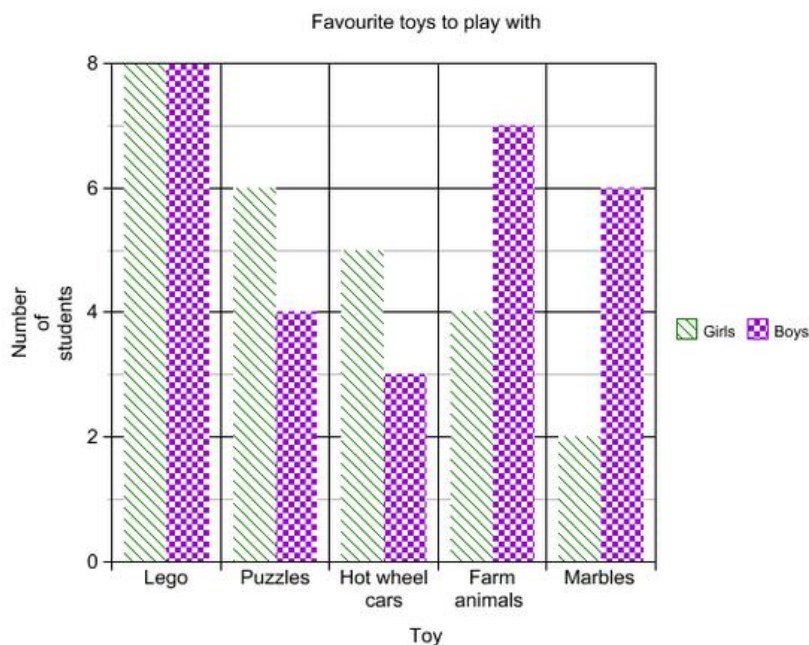
What statements can you make about the data?

Task 9 (Optional Independent Task)

Make "I notice" and "I wonder" statements about the data on the graphs.

Check the statements that a classmate has made and see whether you agree or disagree and give a reason why.

Task 10 (optional task)

Here is a graph about the favourite toys of boys and girls in Tui hub.

Favourite toys to play with

Make statements using 'I notice' about the data showing favourite toys.

Make statements using 'I wonder' about the data showing favourite toys.