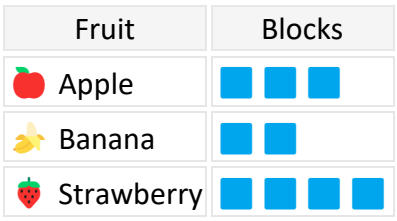
Phase 1 Ideas of Chance and Uncertainty Diagnostic Assessment

Phase 1 Progression Overview	Assessment Note	Marks
I can classify things using one of two criteria (e.g. shape and colour)	Question 1	**/2**
I can pose questions suggested by collected data	Question 2	**/2**
I can display in 1:1 correspondence pictures and or objects	Question 3	**/1**
I can make block graphs/ I can interpret blocks graphs made by others	Question 4	**/3**
I can compare heights or lengths of columns on graphs	Question 5	**/2**
I can report the frequency of information using tally marks	Question 6	**/2**
I can describe the results of my data using a few sentences	Question 7	**/2**
	TOTAL MARKS	**/14**

	Question	Mark
1	**I can classify things using one of two criteria (e.g. shape and colour)** You are given these pictures / objects:  Red triangle  Blue circle  Yellow circle  Blue triangle a.) Put the items into **groups by shape**. (1 mark) b.) Put the items into **groups by colour**. (1 mark)	2
2	**I can pose questions suggested by collected data** Here is some data about pets in our class: 🐶 5 dogs 😺 3 cats 🐰 2 rabbits a.) Write two questions you could ask about this data. Examples: “Which pet do most people have?” (2 marks – 1 per sensible question)	2

3	**I can display in 1:1 correspondence pictures and or objects** a.) Here are some apples: 🍎🍎🍎🍎 Can you tell me how many apples there are?	1
4	**I can make block graphs/ I can interpret blocks graphs made by others** Here is a block graph showing favourite fruits:  a.) Which fruit is the most popular? (1 mark) b.) Which fruit is the least popular? (1 mark) c.) How many children chose strawberries? (1 mark)	3
5	**I can compare heights or lengths of columns on graphs** Using the fruit block graph in question 4: a.) Are there more apples or bananas? (1 mark) b.) How many more strawberries are there than apples? (1 mark)	2

6 **I can report the frequency of information using tally marks**

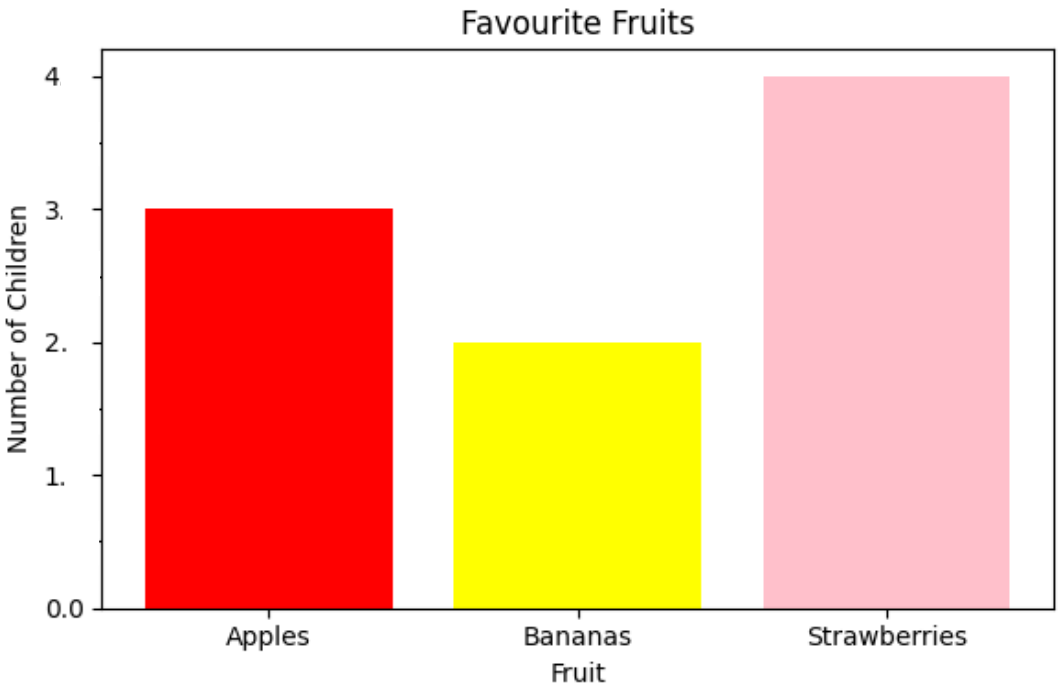
Here are the number of toy cars children have:

Amy - 4
Tom - 2
Lily - 4
Sven - 3
Cara - 1

Show this information using tally marks.
(2 marks – correct tallies for each number)

Name	Number of toys in tally marks
Amy	
Tom	
Lily	
Sven	
Cara	

2

7	**I can describe the results of my data using a few sentences**  a.) Write or say two sentences describing what you notice about the results. Prompts: which fruit was the most popular? How many people liked apples?	2