RECALL – PICTOGRAMS

3 BEFORE ME

Alice asks children in her class what their favourite fruit is.
She creates this **pictogram** to record her results.

Fruit	Favourite fruit
Apple	    
Pear	   
Banana	 
Orange	   
Plum	    
Strawberry	     

KEY: each fruit represents 1 piece of fruit.

1. Write the total next to each row.
2. Which fruit is the most popular?
3. Which fruit is the least popular?
4. Which two fruits are liked equally?
5. How many people liked plums?
6. How many more people liked apples than pears?
7. How many more people liked oranges than bananas.
8. How many people were asked altogether?

RECALL – PICTOGRAMS

Alice asks children in her class what their favourite fruit is.
She creates this **pictogram** to record her results.

Fruit	Favourite fruit
Apple 5	    
Pear 4	   
Banana 2	 
Orange 4	   
Plum 5	    
Strawberry 6	     

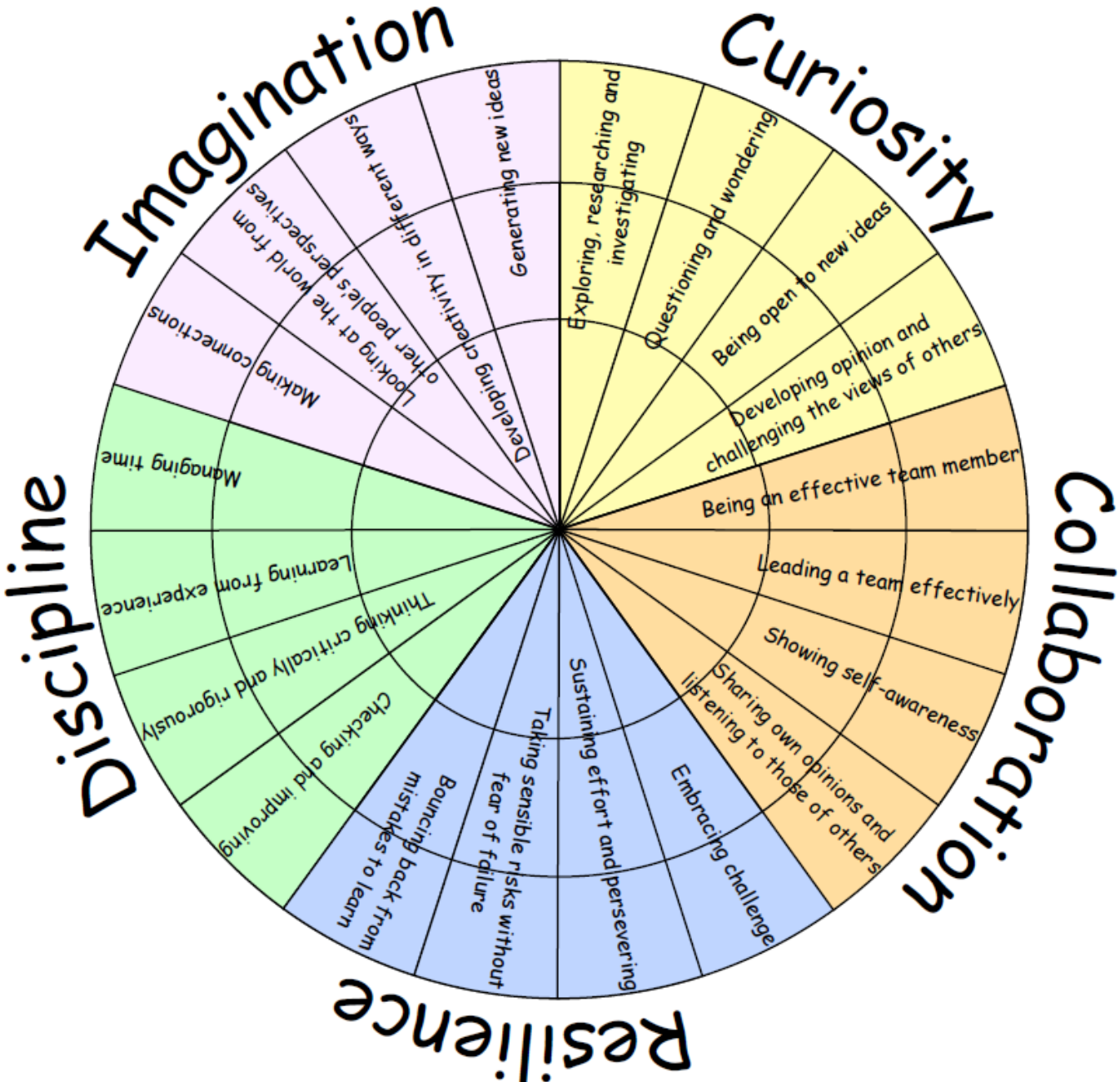
KEY: each fruit represents 1 piece of fruit.

3 BEFORE ME

Each picture represents 1.

1. Write the total next to each row.
2. Which fruit is the most popular? strawberry
3. Which fruit is the least popular? banana
4. Which two fruits are liked equally? Pears and oranges
5. How many people liked plums? five
6. How many more people liked apples than pears? 1 more
7. How many more people liked oranges than bananas. 2 more
8. How many people were asked altogether? 26 people

LEARNING HABITS?



GUIDED EXAMPLE

Toby is searching for mini-beasts in his garden. He records his results in a pictogram.

Mini-beasts	Number of mini-beasts
butterfly	3
beetle	4
spider	1

KEY: Each represents 2 mini-beasts.

Working out data

1) Which mini-beast did he find the most of?
2) Which mini-beast did he find the least of?
3) How many butterflies did he find?
4) How many beetles did he find?
5) How many spiders did he find?
6) Did he find more or fewer spiders than beetles?
7) How many more beetles did he find than butterflies?
8) How many mini-beasts did he find altogether?

GUIDED EXAMPLE

Toby is searching for mini-beasts in her garden. He records his results in a pictogram.

Mini-beasts	Number of mini-beasts
butterfly	
beetle	
spider	

KEY: Each  represents 2 mini-beasts.

Working out data

1) Which mini-beast did he find the most of? beetles

2) Which mini-beast did he find the least of? spiders

3) How many butterflies did he find? 6 as each picture means 2. 3 x 2 = 6.

4) How many beetles did he find? 8 as 4 x 2 = 8

5) How many spiders did he find? 3 as 1 whole bug means 2 and half means 1.

6) Did he find more or fewer spiders than beetles? fewer

7) How many more beetles did he find than butterflies? 2 more.

8) How many mini-beasts did he find altogether? 17.

INTELLIGENT PRACTICE

A pictogram to show children's favourite mini-beasts.

Mini-beasts	Mini-beasts discovered				
Ladybird					
Bumblebee					
Caterpillar					
Grasshopper					
Butterfly					
Snail					
Worm					

Key – each picture represents 2.

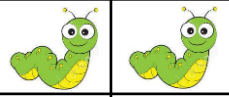
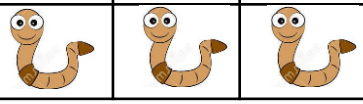
1. Write the total next to each row.
2. Which mini-beast is the most favourite?
3. Which mini-beast is the least favourite?
4. Which three mini-beasts were liked equally?

1. How many people liked ladybirds?
2. How many people liked bumblebees?

1. How many more people preferred snails to butterflies?
2. How many more people like bumblebees to ladybirds?
3. How many fewer people like worms to snails?
4. How many fewer people like snails to grasshoppers?
5. How many people were asked altogether?

INTELLIGENT PRACTICE

A pictogram to show mini-beasts discovered in the garden.

Mini-beasts	Mini-beasts discovered
Ladybird 6	
Bumblebee 10	
Caterpillar 4	
Grasshopper 2	
Butterfly 6	
Snail 8	
Worm 6	

Key – each picture represents 2.

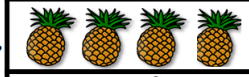
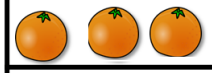
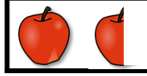
1. Write the total next to each row.
2. Which mini-beast is the most favourite? bumblebee
3. Which mini-beast is the least favourite? Grasshopper
4. Which three mini-beasts were liked equally? Ladybird, butterfly, worm

1. How many people liked ladybirds? 6
2. How many people liked bumblebees? 10

1. How many more people preferred snails to butterflies? 2 more as the difference between 6 and 8 is 2 more.
2. How many more people like bumblebees to ladybirds? The difference between 6 and 10 is 4 more.
3. How many fewer people like worms to snails? 2 fewer.
4. How many fewer people like snails to grasshoppers? 6 fewer
5. How many people were asked altogether? 42 people

DIVE DEEPER

1 Daisy made this pictogram.

	Favourite Fruit	Total
strawberry		4
pineapple		
pear		
banana		2
orange		
apple		

KEY – each fruit represents 2

Finish off writing the totals in the last column of the table.

What is the most favourite fruit? _____

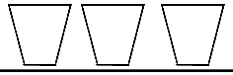
What is the least favourite fruit? _____

How many people were asked? _____

Four children liked strawberries. Which fruit was liked by one more person? _____

2 Max made this pictogram about favourite drinks.

KEY – each  represents 2.

Drink	Number of children	Pictogram
Water	6	
Apple juice	10	
Orange juice	5	
Blackcurrant squash	7	
Milk	9	

Finish off drawing the pictogram in the last column of the table.

More people like _____ or _____ than like blackcurrant squash.

Fewer people like _____ or _____ than like blackcurrant squash.

Create your own pictogram with a key.

DIVE DEEPER

1 Daisy made this pictogram.

	Favourite Fruit	Total
strawberry		4
pineapple		8
pear		5
banana		2
orange		6
apple		3

KEY – each fruit represents 2

Finish off writing the totals in the last column of the table.

What is the most favourite fruit? pineapple

What is the least favourite fruit? banana

How many people were asked? 28

Four children liked strawberries. Which fruit was liked by one more person? pear

2 Max made this pictogram about favourite drinks.

KEY – each  represents 2.

Drink	Number of children	Pictogram
Water	6	
Apple juice	10	
Orange juice	5	
Blackcurrant squash	7	
Milk	9	

Finish off drawing the pictogram in the last column of the table.

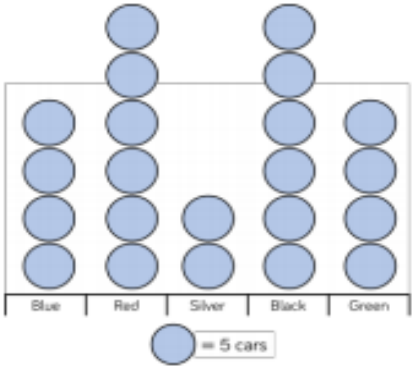
More people like milk or apple juice than like blackcurrant squash.

Fewer people like orange juice or water than like blackcurrant squash.

Create your own pictogram with a key.

DIVE DEEPER 2

Teddy and Eva both draw a pictogram to show how many cars they counted driving past their school.



Colour	Number on cars
Blue	● ●
Red	● ● ●
Silver	●
Black	● ● ●
Green	● ●

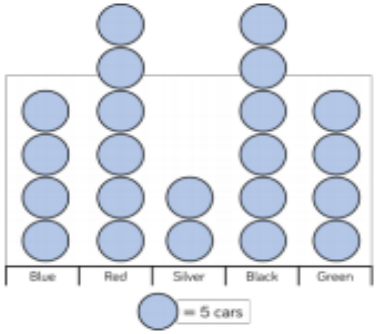
● = 10 cars

What is the same? What is different?
Whose pictogram do you prefer? Why?

Mo thinks that there were two gold cars that drove past school.
Was he correct?
Why? Explain what you know.

DIVE DEEPER 2 - ANSWERS

Teddy and Eva both draw a pictogram to show how many cars they counted driving past their school.



Colour	Number on cars
Blue	● ●
Red	● ● ●
Silver	●
Black	● ● ●
Green	● ●

● = 10 cars

What is the same? What is different?
Whose pictogram do you prefer? Why?

Possible answer.
Same – both pictograms show the same information. Both easy to read.
Both used circle.
Both are in the same order.

Different – Eva counts in 10s, Teddy counts in 5s
Teddy's is vertical and Eva's is horizontal.

Mo thinks that there were two gold cars that drove past school.
Was he correct?
Why? Explain what you know.

He is not correct as there is no data for gold cars. The only cars that were seen were blue, red, silver, black and green.