Varied Fluency
Step 2: Draw Pictograms (1-1)

National Curriculum Objectives:

Mathematics Year 2: (2S1) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables

Differentiation:

Developing Questions to support understanding and drawing pictograms from tables. Using up to 10 images with 1:1 correspondence. Some pictograms partially completed.

Expected Questions to support understanding and drawing pictograms from tables and tally charts. Using up to 15 images with 1:1 correspondence. Some pictograms partially completed.

Greater Depth Questions to support understanding and drawing pictograms from tables and tally charts. Using up to 15 images with 1:1 correspondence. All pictograms left blank.

More Year 2 Statistics resources.

Did you like this resource? Don't forget to review it on our website.

1a. Use the totals to complete the pictogram.

Pet	Number of People	Total
Cat	🔴🔴🔴🔴	9
Dog	🟡🟡🟡	8
Rat	🟢	3
Fish	🔵🔵	5

⚫ = 1 person

1b. Use the totals to complete the pictogram.

Colour	Number of People	Total
Red	🔴🔴	5
Blue	🔵	4
Green	🟢🟢🟢🟢🟢	10
Yellow	🟡🟡🟡	7

⚫ = 1 person

2a. Complete the pictogram using the table.

Travel	Total
Van	3
Car	6
Bus	8
Train	5

⬛ = 1 person

Van	Car	Bus	Train
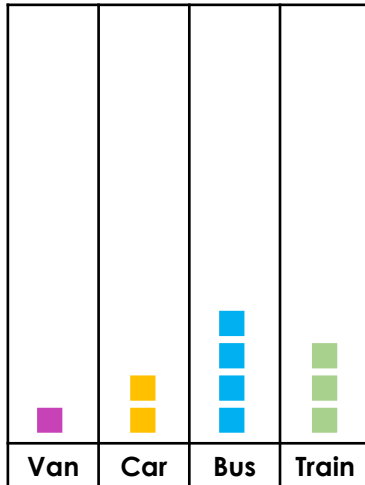
2b. Complete the pictogram using the table.

Fruit	Total
Apple	9
Pear	4
Plum	2
Kiwi	7

⬛ = 1 person

Apple	Pear	Plum	Kiwi
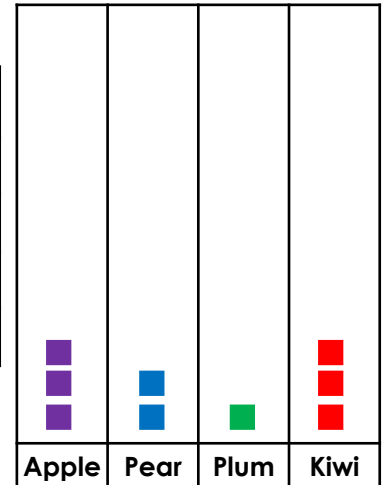
3a. Complete the missing sections of the table and pictogram.

Cricket	
Golf	🔺🔺
Yoga	
Hockey	🔺🔺🔺

Cricket	6
Golf	
Yoga	5
Hockey	

🔺 = 1 person

3b. Complete the missing sections of the table and pictogram.

Grey	🔺
Black	
Brown	🔺🔺🔺🔺🔺🔺
White	

Grey	
Black	7
Brown	
White	1

🔺 = 1 person

Draw Pictograms (1-1)

Draw Pictograms (1-1)

4a. Use the table to complete the pictogram.

Dog	🔵
Cat	🟢🟢🟢🟢
Fish	🟣🟣
Rabbit	

Dog	10
Cat	12
Fish	4
Rabbit	7

⚫ = 1 person

E

VF

4b. Use the table to complete the pictogram.

Salad	
Pizza	🔵🔵
Pie	🟢🟢🟢🟢🟢
Fish	🟣🟣🟣

Salad	5
Pizza	6
Pie	13
Fish	8

⚫ = 1 person

E

VF

5a. Complete the pictogram using the tally chart.

Travel	Tally
Boat	IIII
Car	NN NN I
Plane	NN NN I
Train	NN II

⬛ = 1 person

	Boat	Car	Plane	Train

E
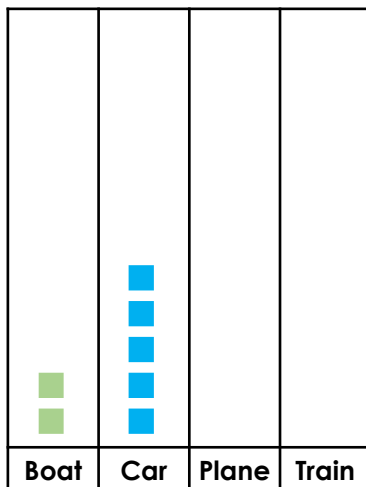
VF

5b. Complete the pictogram using the tally chart.

Name	Tally
Adam	NN NN II
Mia	III
Riley	II
Zara	NN NN I

⬛ = 1 person

	Adam	Mia	Riley	Zara

E

VF

6a. Complete the missing sections of the tally chart and pictogram.

Football	
Tennis	🔺🔺🔺🔺🔺
Rugby	
Boxing	🔺🔺🔺🔺🔺🔺🔺🔺🔺

Football	NN NN III
Tennis	
Rugby	NN II
Boxing	

🔺 = 1 person

E

VF

6b. Complete the missing sections of the tally chart and pictogram.

Blonde	🔺🔺🔺🔺🔺🔺
Black	
Brown	🔺🔺🔺🔺🔺🔺🔺🔺🔺
Red	

Blonde	
Black	NN NN NN
Brown	
Red	II

🔺 = 1 person

E

VF

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Varied Fluency – Draw Pictograms (1-1) – Year 2 Expected

Draw Pictograms (1-1)

Draw Pictograms (1-1)

7a. Use the tally chart to complete the pictogram.

Goose	
Parrot	
Eagle	
Owl	

Goose	ⅣⅣ ⅣⅣ IIII
Parrot	ⅣⅣ ⅣⅣ I
Eagle	I
Owl	III

⚫ = 1 person

7b. Use the tally chart to complete the pictogram.

Ford	
Kia	
Fiat	
Jeep	

Ford	ⅣⅣ ⅣⅣ IIII
Kia	ⅣⅣ II
Fiat	ⅣⅣ ⅣⅣ II
Jeep	ⅣⅣ

⚫ = 1 person

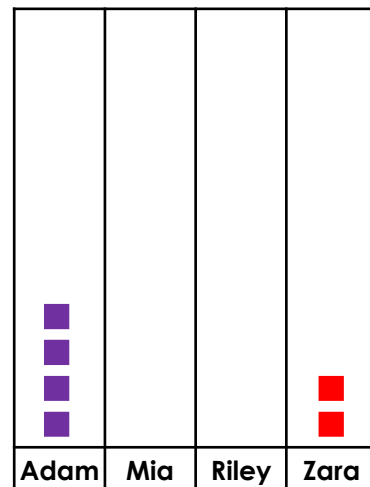**8a.** Complete the pictogram using the tally chart.

Travel	Tally
Taxi	II
Plane	ⅣⅣ ⅣⅣ II
Coach	IIII
Bike	ⅣⅣ III

⬛ = 1 person

Taxi	Plane	Coach	Bike

8b. Complete the pictogram using the tally chart.

Clothes	Tally
T-shirt	ⅣⅣ ⅣⅣ I
Jeans	ⅣⅣ IIII
Dress	III
Skirt	ⅣⅣ ⅣⅣ II

⬛ = 1 person

T-shirt	Jeans	Dress	Skirt

9a. Use the information to complete the tally chart and draw a pictogram to match.

Javelin	
Skipping	
Netball	
Cycling	

10 more people liked netball than cycling and the same number of people liked javelin as skipping.

Javelin	
Skipping	ⅣⅣ ⅣⅣ III
Netball	
Cycling	ⅣⅣ

▲ = 1 person

9b. Use the information to complete the tally chart and draw a pictogram to match.

Cereal	
Eggs	
Toast	
Porridge	

6 fewer people liked porridge than cereal and 7 more people liked eggs than toast.

Cereal	ⅣⅣ ⅣⅣ IIII
Eggs	
Toast	ⅣⅣ I
Porridge	

▲ = 1 person

Developing

1a.

Pet	Number of People	Total
Cat	○ ○ ○ ○ ● ● ● ● ●	9
Dog	○ ○ ○ ● ● ● ● ●	8
Rat	○ ● ●	3
Fish	○ ○ ● ● ●	5

Developing

1b.

Colour	Number of People	Total
Red	○ ○ ● ● ●	5
Blue	○ ● ● ●	4
Green	○ ○ ○ ○ ○ ● ● ● ● ●	10
Yellow	○ ○ ○ ● ● ● ●	7

2a.

Van | Car | Bus | Train

2b.

Apple | Pear | Plum | Kiwi
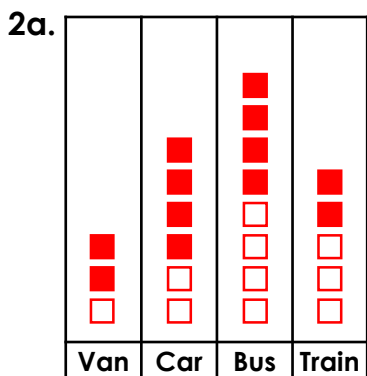
3a.

Cricket	▲ ▲ ▲ ▲ ▲ ▲
Golf	△ △
Yoga	▲ ▲ ▲ ▲ ▲
Hockey	△ △ △

Cricket	6
Golf	**2**
Yoga	5
Hockey	**3**
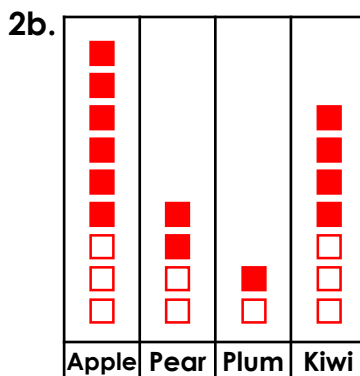
3b.

Grey	△
Black	▲ ▲ ▲ ▲ ▲ ▲ ▲
Brown	△ △ △ △ △ △
White	▲

Grey	**1**
Black	7
Brown	**6**
White	1

Expected

4a.

Dog	○ ● ● ● ● ● ● ● ●
Cat	○ ○ ○ ○ ● ● ● ● ● ● ●
Fish	○ ○ ● ●
Rabbit	● ● ● ● ● ● ●

Expected

4b.

Salad	● ● ● ● ●
Pizza	○ ○ ● ● ● ●
Pie	○ ○ ○ ○ ○ ● ● ● ● ● ● ●
Fish	○ ○ ○ ● ● ● ●

5a.

Boat | Car | Plane | Train

5b.

Adam | Mia | Riley | Zara

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Varied Fluency – Draw Pictograms (1-1) ANSWERS
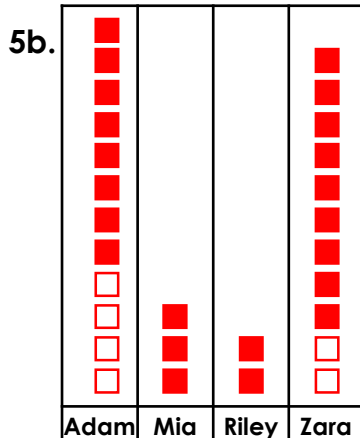
Varied Fluency
Draw Pictograms (1-1)

6a.

Football	▲▲▲▲▲▲▲▲▲▲▲▲▲
Tennis	△△△△△△
Rugby	▲▲▲▲▲▲▲
Boxing	△△△△△△△△△

Football	⊬⊬ III
Tennis	⊬ I
Rugby	⊬ II
Boxing	⊬ ⊬

6b.

Blonde	△△△△△△△
Black	▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲
Brown	△△△△△△△△△△△
Red	▲▲

Blonde	⊬ II
Black	⊬ ⊬ ⊬
Brown	⊬ ⊬ I
Red	II

Greater Depth

7a.

Goose	●●●●●●●●●●●●●
Parrot	●●●●●●●●●●●
Eagle	●
Owl	●●●

7b.

Ford	●●●●●●●●●●●●
Kia	●●●●●●
Fiat	●●●●●●●●●●●
Jeep	●●●●●

8a.

Taxi	Plane	Coach	Bike

8b.

T-shirt	Jeans	Dress	Skirt
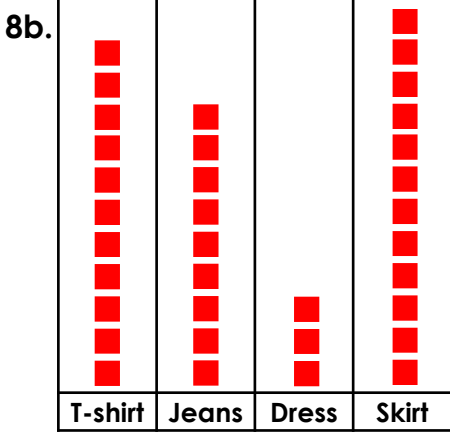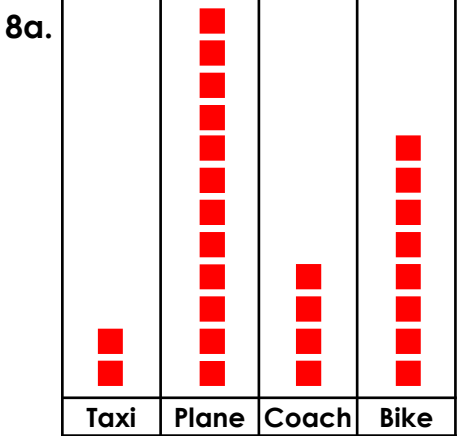
9a.

Javelin	▲▲▲▲▲▲▲▲▲▲▲
Skipping	▲▲▲▲▲▲▲▲▲▲▲▲
Netball	▲▲▲▲▲▲▲▲▲▲▲▲
Cycling	▲▲▲▲▲

Javelin	
Skipping	
Netball	
Cycling	

9b.

Cereal	▲▲▲▲▲▲▲▲▲▲▲▲
Eggs	▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲
Toast	▲▲▲▲▲▲
Porridge	▲▲▲▲▲▲▲

Cereal	⊬ ⊬ IIII
Eggs	⊬ ⊬ ⊬ III
Toast	⊬ I
Porridge	⊬ III

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