

Homework/Extension

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:

Questions 1, 4 and 7 (Varied Fluency)

Developing Complete the partially completed pictogram using the information given and up to 10 images per category.

Expected Complete the partially completed pictogram using the information given and up to 15 images per category.

Greater Depth Complete the blank pictogram using the information given.

Questions 2, 5 and 8 (Varied Fluency)

Developing Count the images to complete a pictogram. Up to 10 images (grouped) per category are provided.

Expected Count the images to create a pictogram. Up to 15 images (ungrouped) per category are provided.

Greater Depth Sort and count the images to create two pictograms. Up to 15 images (ungrouped) per category are provided.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Read the statements and edit the pictogram. Statements include one-step problems with up to 10 images per category.

Expected Read the statements and edit the pictogram. Statements include one-step problems with up to 15 images per category.

Greater Depth Read the statements and edit the tally chart and create a pictogram. Statements include two-step problems with up to 15 images per category.

More [Year 2 Statistics](#) resources.

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Draw Pictograms (1-1)

1. Complete the missing information.

Favourite Drink		Total
Juice		7
Milk		8
Cola		5
Water		

 = 1 person

7 people like juice.

8 people like milk.

5 people like cola.

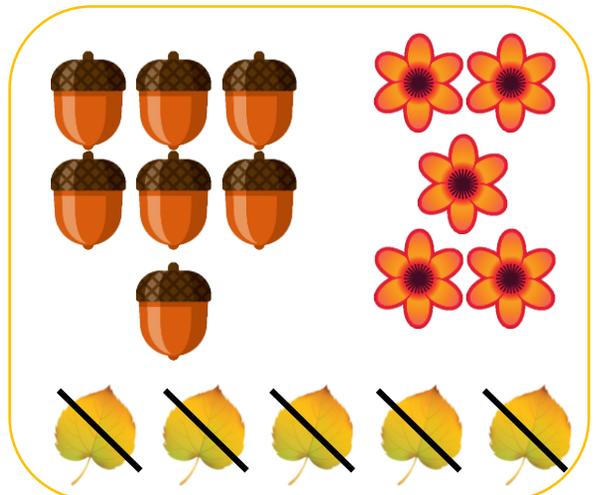
9 people like water.



VF
HW/Ext

2. Complete the pictogram to represent the acorns and flowers.

		Total
		5
		
		



VF
HW/Ext

3. Edit the pictogram to match the statements.

 = 1 person

Two people join Green team.
One person leaves Red team.
One person moves from Orange to Blue team.

			
Red	Blue	Green	Orange



RPS
HW/Ext

Draw Pictograms (1-1)

4. Complete the missing information.

Favourite Subject		Total
English		12
Maths		
Science		
PE		
Art		

12 people like English.

12 people like Maths.

9 people like Science.

10 people like PE.

One more person likes Art than PE.

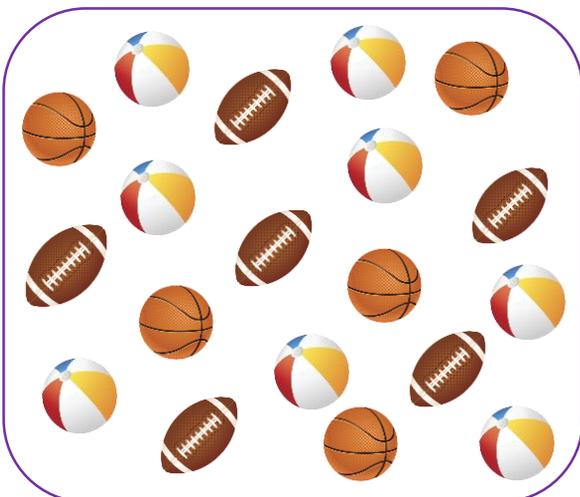


 = 1 person

VF
HW/Ext

5. Create a pictogram to represent the pictures.

		Total
		
		
		



VF
HW/Ext

6. Edit the pictogram to match the statements.

 = 1 person

Three people join the Purple team.
One person leaves the Black team.
One person moves from the Yellow to the Brown team.

			
Purple	Yellow	Black	Brown



RPS
HW/Ext

Draw Pictograms (1-1)

7. Complete the missing information.

Favourite Sea Animal		Total
Whale		Greater than 5 less than 9
Shark		Greater than 10 less than 13
Jellyfish		7
Dolphin		Greater than 12 less than 15
Stingray		10



● = 1 person

VF
HW/Ext

8. Create two pictograms to represent the pictures.



		Total

		Total



VF
HW/Ext

9. Using the information, edit the tally chart and create a pictogram to match.

		Total
Newton		
Curie		
Darwin		
Einstein		

Team Darwin has fewer people than Curie but more people than Einstein.

Three people leave Einstein and join Team Curie.

One person from Curie moves to Team Newton.

Newton	Curie	Darwin	Einstein

● = 1 person

RPS
HW/Ext



Homework/Extension Draw Pictograms (1-1)

Developing

1.

Favourite Drink		Total
Juice	○ ○ ○ ○ ○ ○ ●	7
Milk	○ ○ ○ ● ● ● ● ●	8
Cola	● ● ● ● ●	5
Water	○ ○ ○ ○ ○ ○ ○ ○ ●	9

2. Accept any complete pictogram that shows the following values: Leaves 5; Flowers 5; Acorns 7.
3. Accept any complete pictogram that shows the following values: Red 3; Blue 3; Green 2; Orange 4.

Expected

4.

Favourite Subject		Total
English	○ ○ ○ ○ ○ ○ ● ● ● ● ● ●	12
Maths	● ● ● ● ● ● ● ● ● ● ● ●	12
Science	○ ○ ○ ● ● ● ● ● ● ●	9
PE	○ ○ ○ ○ ○ ○ ● ● ● ●	10
Art	● ● ● ● ● ● ● ● ● ● ● ●	11

5. Accept any complete pictogram that shows the following values: Rugby Ball 6; Basketball 5; Beach Ball 8.
6. Accept any complete pictogram that shows the following values: Purple 3; Yellow 2; Black 2; Brown 5.

Greater Depth

7. Accept any complete pictogram that shows any of the following values: Whale 6, 7 or 8; Shark 11 or 12; Jellyfish 7; Dolphin 13 or 14; Stingray 10.
8. Accept any two complete pictograms that show the following values: Pretzel 8; Candyfloss 11; Top Hat 7; Ticket 9; Doughnut 12; Toffee Apple 10.
9. Accept any tally chart and pictogram that show the following values: Newton 14; Curie 11; Darwin 8, 9 or 10; Einstein 7.