





Concept: Statistics

Skill: I can interpret and present data using bar charts, tables and pictograms.

SMALL STEP: Tables (VF) – PURPLE

1. Use the table to answer the questions about travelling to school.

	Year 3		Year 4		Year 5		Year 6		Total	
A. Which year group surveyed the most pupils in total?	Walk	7	11		16	10	12	19	17	101
B. How many Year 6 pupils travel to school using an engine?	Car	22	13	12	8	9	13	5	7	
C. Which way of travelling has the second largest number of votes across Key Stage 2?	Bus	3	4	10	1	5	0	2	0	25
D. Which year group uses an odd number of vehicles with four wheels to get to school?	Bicycle	0	0	1	0		1	7	6	18
	Taxi	2	4	0	5	5	4	0	1	

2. The table below shows the colours of dogs' coats.

	White	Black	Golden	Ruby	Brown	Fawn	Total
Golden Retriever	12		7	0	4	0	26
Labrador	0	13	8	0	19	12	
Cocker Spaniel	11	9	13		16	0	55
Poodle	18	9	10	11		0	58



- How many dogs were surveyed altogether?
- What is the difference between the most popular colour of dog coat and the least?
- Which breed surveyed in total isn't a multiple of two?
- Which two colours, when combined, make an even number with a digit sum of 5?

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3. The table shows the choice of subjects and their popularity.

	French	RE	Drama	Art	German	Music	History	Total
Boys	20	28	31	30	19	46	47	
Girls	46	36		39	18	33	44	228

- A. How many pupils chose to study languages in total?
- B. How many more girls were surveyed than boys altogether?
- C. How many more pupils chose History than Drama and German combined?
- D. Which subjects were more popular than Drama but less popular than Art?

4. The table shows the average heights and weights of some baby zoo animals.

	Meerkat	Lion	Tiger	Giraffe	Gorilla	Elephant	Monkey	Total
Height (cm)	45	58	80	185		91	117	698
Weight (kg)	1		2	68	12	92	1	200

- A. Which animal is more than twice as tall as a lion but shorter than a gorilla?
- B. Is the heaviest animal also the tallest?
- C. Which animals are both lighter than 10kg but taller than 65cm?
- D. Which animal has the greatest difference between its height and weight?