

3.11.2021

LO: To read and interpret two-way tables.

Tables are a clear way to show discrete data. Information tables are used in every day life! Timetables at school, timetables for transport, opening and closing times for museums, price lists for party items and many more! Today we will be reading tables and interpreting the data that they present.

A holiday company recorded how many tourists visited Italy, Spain or France in three different months of the year.

	January	April	August
Italy	270	485	1245
Spain	350	865	1650
France	450	745	1989

Which month was the most popular for tourists?  
Why do you think this is?

*This table shows the number of visitors to each ride at a theme park from 2016 to 2018.*

	2016	2017	2018
Screamer	8965	7564	6432
Waltzer	9524	11 546	7654
Big Wheel	10 245	12 568	8965

*The Waltzer and Screamer had over 3000 more visitors in 2016 than the Waltzer and the Big Wheel in 2018.  
True or False?*

*The rides had over 5000 more visitors in total in 2017 than 2016. True or False?*

*More visitors rode the Big Wheel in 2018 than the Screamer in 2017. True or False?*

100 children from each year group were asked to pick their favourite sport from a choice of football, athletics and gymnastics.

Use the clues to help fill in the missing parts of the table.

	Year 4	Year 5	Year 6
Football	10		
Athletics			15
Gymnastics		35	

Compared to year 5, twice as many year 6 children prefer football.

The difference between those who chose athletics as their favourite sport in years 5 and 6 was twenty.

Half of the year 4 children asked chose athletics as their favourite sport.

Compared to year 5, ten fewer children in year 6 chose gymnastics as their favourite sport.

# Main Task

**10) To read and interpret two-way tables** 27/10/2021

Ron thinks that he won the 100m sprint because he has the biggest number.  
Do you agree? Explain your answer.

	100 m sprint (s)	200 m sprint (s)	400 m sprint (s)	800 m sprint (s)
Age	15.5	6.5	16.9	11.2
Sex	16.2	7.5	20.1	15.1
Team	15.8	6.9	16.3	10.9
Year	15.6	7.2	16.7	10.1
Run	17.9	6.5	16.7	15.3

This table shows the 10 largest stadiums in Europe.

Stadium	City	Country	Capacity
San Siro	Milan	Italy	76,000
Wembley	London	England	90,000
Signal Sochaux	Montbéliard	France	25,000
Stade de France	Paris	France	80,000
San Siro	Milan	Italy	76,000
Stade de France	Paris	France	80,000
Stade de France	Paris	France	80,000
Stade de France	Paris	France	80,000
Stade de France	Paris	France	80,000
Stade de France	Paris	France	80,000

**True or False?**  
The fourth largest stadium is the San Siro.

There are 6 stadiums with a capacity of more than 80,000.

Three of the largest stadiums are in England.

City	Leeds	Walsley	Sheffield	Liverpool	Coventry
Population	720,000	316,000	467,000	440,000	305,000

- Which city has the highest population? .....
- What population does Bradford have? .....
- What is the total population of Bradford and Liverpool? .....
- Order the populations in ascending (smallest to biggest) order. ....

This two-way table shows how many children own dogs and cats. Fill in the missing gaps and answer the questions below.

	Boys	Girls	Total
Dogs		44	
Cats	58		
Total	125		245

- How many more boys have dogs than girls?
- How many more girls have cats than dogs?
- How many more children have dogs than cats?

This two-way table shows the staff at Leeds Police Station.

	Male	Female	Total
Constable	55	24	79
Sergeant	8	5	13
Inspector	2	4	6
Chief Inspector	1	1	2
Total	66	34	100

- How many female inspectors are there?
- How many male inspectors are there?
- How many constables are there?
- How many constables altogether?
- How many people work at the Leeds Police Station?
- How many male inspectors and female inspectors are there altogether?

Complete the table. Write questions about the information for a friend to solve.

	Man United	Liverpool	Chelsea	TOTAL
Lost	36	42	29	
Won	174	76	126	
TOTAL				

**Next Step:**

120 people were asked where they went on holiday during the summer months last year. Use this information to create a two-way table.

In June 6 people went to France and 18 went to Spain.

In July 10 people went to France and 19 people went to Italy.

In August 15 people went to Spain.

95 people went to France altogether.

99 people went to Italy altogether.

95 people went away in June.

43 people went on holiday in August.



Complete the missing gaps below.

	Science Club	Book Club	Nature Club	Gym Club	Total Number of Girls/Boys
Girls		15	24		
Boys	12	21			62
Total Number of Pupils in Each Club	29		29	33	