



# Tally charts and bar charts

The table below shows how many teams competed in each event at a sports festival.

Week One		Week Two		Week Three	
Boxing	8	Wrestling	60	Shot put	30
Hockey	10	Judo	20	Weight lifting	25
Football	13	200m sprint	55	400m sprint	15
Swimming	20	Hurdles	15	Relay race	10
Diving	9	Gymnastics	80	Archery	14
100m race	26	Cycling	45	Cricket	31
Basketball	19	Marathon	30	Synchronised swimming	40
Rowing	6	High jump	90	Horse riding	49
Water polo	21	Long jump	25	Ice skating	28
Rugby	27	Javelin	5	Skiing	33



Use the events from Week One. Make a tally chart to show how many teams competed in each event.

e.g. Boxing IIII III

Now draw a bar chart for Week One. Make the vertical axis counting in twos up to 30. Write the names of the events across the bottom axis.

- Which event has the greatest number of teams?
- Which was the least popular?
- How many competed in the swimming and the 100m race?
- Which events had more than 18 teams?
- How many more teams competed in rugby than water polo?
- How many fewer teams competed in diving than football?
- Which events had an even number of teams competing?
- Which events had fewer teams than football?
- Which event had the third greatest number of competing teams?
- How many teams competed altogether in boxing, hockey and football?



Training  
Tips



Make sure your bar chart has a title and the axes are labelled.



Check the scale on the vertical axis.



# Tally charts and bar charts



Use the events from Week Two. Make a tally chart to show how many teams competed in each event.

e.g. Javelin IIII

Now draw a bar chart for Week Two. Make the vertical axis counting in tens up to 100. Write the names of the events across the bottom axis.

- Which event had the greatest number of teams competing?
- Which event was the least popular?
- Which events had between 30 and 60 teams competing?
- Which events had fewer teams than cycling?
- Which event had the fourth greatest number of competing teams?
- How many fewer teams competed in judo than cycling?
- Which two events had a total of 55 teams competing?
- How many teams competed altogether in 200m sprint, judo and long jump?
- Which event had twice as many teams competing as cycling?
- Use the words most, least and difference to write three sentences about your bar chart.



Use the events from Week Three. Make a tally chart to show how many teams competed in each event.

e.g. Archery IIII IIII IIII

Now draw a bar chart for Week Three. Make the vertical axis counting in fives up to 50. Write the names of the events across the bottom axis.

- Which event had the second greatest number of teams competing?
- Which event was the least popular?
- In which events can the teams be arranged equally into 5 groups?
- Which events had fewer teams than shot put but more than archery?
- How many teams competed altogether?
- How many fewer teams competed in archery than horse riding?
- Which three events had a total of 103 teams competing?
- How many more teams competed in horse riding than ice skating?
- Which event had a quarter of the number of teams as synchronised swimming?
- Use the words most, least and difference to write three sentences about your bar chart.