

Working with graphs

CAPS: Grade 4, Term 3

Data handling

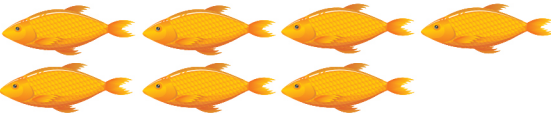
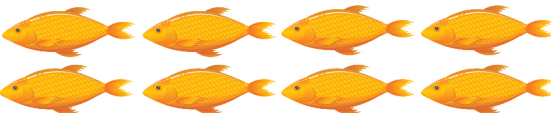
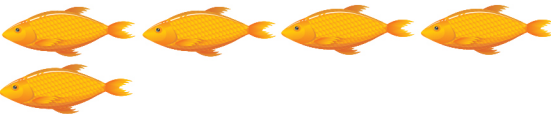
Draw a variety of graphs to display and interpret data: include pictographs (one-to-one representation), bar graphs.

Note

Data handling is used to collect information.

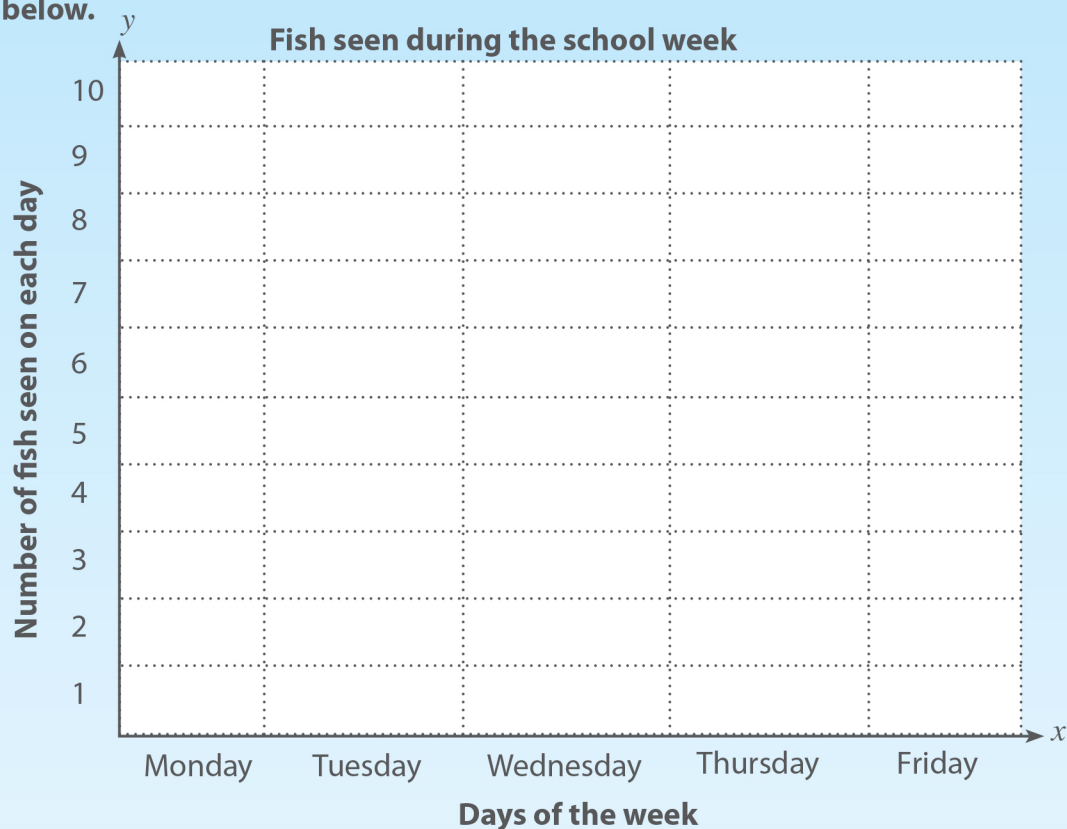
Below is a pictograph. A pictograph uses pictures to represent data.

The graph shows how many fish the children saw in the dam on each day this week.

Days:	Fish in the dam	TOTAL
Monday		7
Tuesday		5
Wednesday		8
Thursday		4
Friday		5

Activity 1

Use the data in the pictograph on the previous page to complete the bar graph below.



- How many fish were seen on Monday? _____
- How many fish were seen on Thursday? _____
- How many more fish were seen on Wednesday than on Friday?

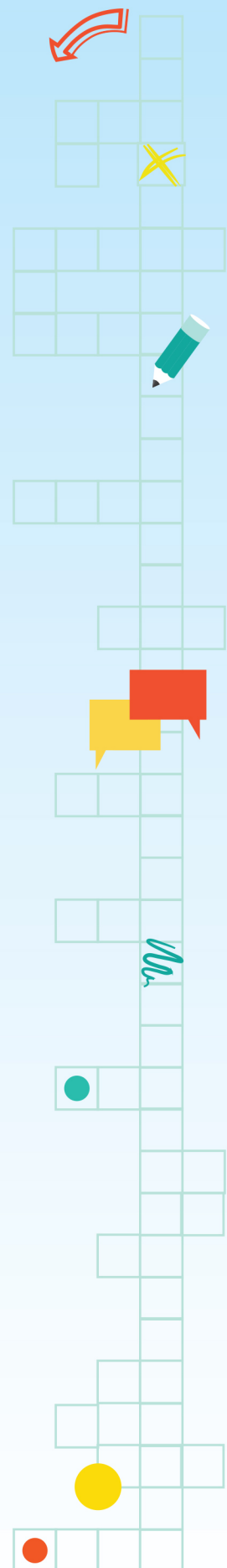
Activity 2

The children also counted how many bees they could see at the dam.

Monday: 5
Tuesday: 6
Wednesday: 2
Thursday: 10
Friday: 3



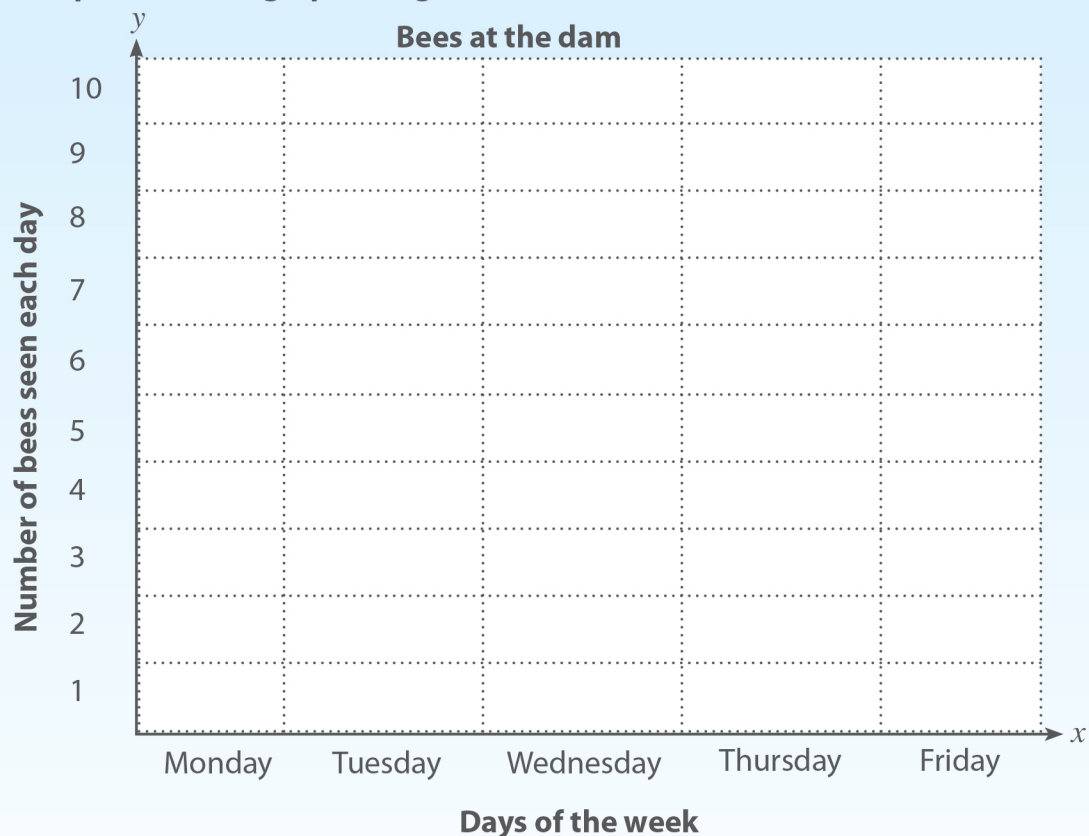
Complete the pictograph by drawing the number of bees seen at the dam to represent the data.





DAYS:	BEEES	TOTAL
Monday	    	5
Tuesday		
Wednesday		
Thursday		
Friday		

Complete the bar graph using the above data.



Teacher Tip

Range of methods to collect data. Tally chart, bar chart, pictograph, Venn Diagram, Carroll Diagram. You can ask a range of questions relating to the data and use the charts or graphs to find the answers. At the end of this lesson learners would have learnt how to represent data using three types of graphs: tally charts, bar charts and pictographs.

