

Reading data displays

What can data reveal?

AIMS

How confident are you now? Circle one face for each aim at the end of the lesson.

Content Read data displays accurately.



Language Use language to describe graphs.

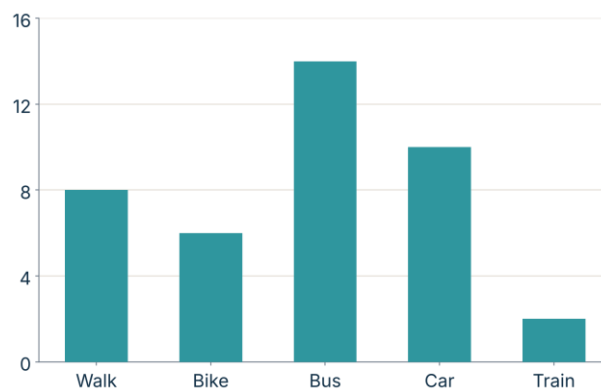


Skills Explain one finding and one limit.



Think: What can you tell?

Look at the graph. Some information is missing. Write bullet points to answer the three questions.



What can you tell?

- _____
- _____

What can't you tell yet?

- _____
- _____

What information would help?

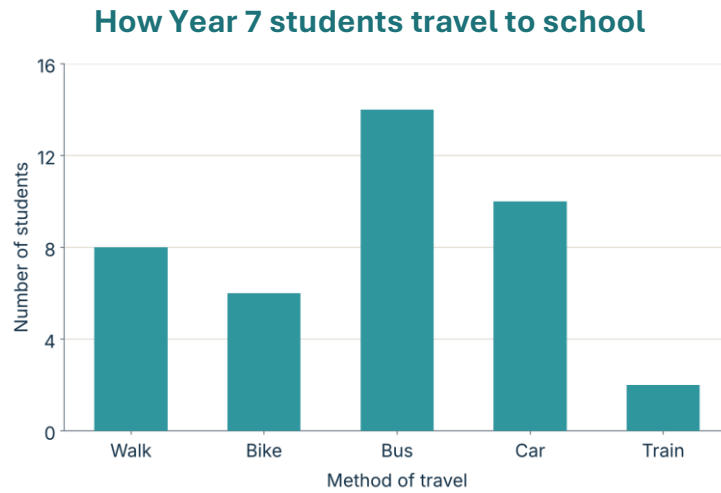
- _____
- _____





Read: The features help us read the data

Read the graph and find the key information. Write one answer for each feature.



TITLE	What is the graph about?	_____
LABELS	What do the bars represent?	_____
AXIS	What does each axis show?	Bottom axis: _____ Side axis: _____
SCALE	How do the numbers go up?	They go up in _____
UNIT	What are the numbers counting?	_____

KEY LANGUAGE Use these phrases when you explain a graph or table.

STARTING PHRASE

The graph shows...

MORE FORMAL

The table represents...

FOR A FINDING

The data indicates...

FOR A LIMIT

The graph/table cannot tell us...



Write: Read a table

Read the table. Follow the four steps of the routine to answer each question.

Books borrowed from the school library

Day	Mon	Tue	Wed	Thu	Fri
Borrowed books	18	25	21	33	27

1 READ THE TITLE

What does the table show?

The table shows _____

2 CHECK THE FEATURES

Which feature helped you?

The _____ helped me because _____

3 FIND ONE KEY POINT

What is one accurate finding?

One finding is _____

4 KNOW THE LIMITATION

What can't the table tell us?

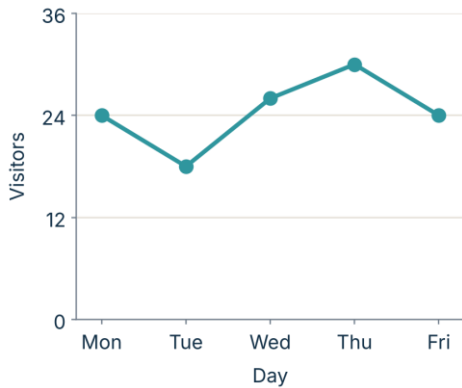
The table cannot tell us _____



Write: Read different displays

Read each display. For each one, write what it shows, one accurate finding and one limit.

A Garden visitors this week

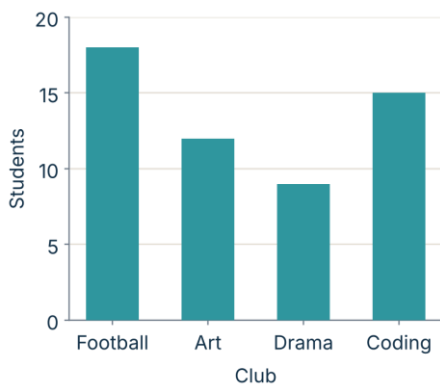


It shows: _____

One accurate finding: _____

It cannot tell us: _____

B Club sign-ups



It shows: _____

One accurate finding: _____

It cannot tell us: _____

C Favourite school subject survey

Subject	Votes
Science	17
Geography	11
History	14
Art	8

It shows: _____

One accurate finding: _____

It cannot tell us: _____



Write: Explain one display

Choose one display from activity 4. Say your ideas first, then write 2–3 sentences using the frame.

USE THIS FRAME

The ___ shows ___.

One accurate finding is ___.

It cannot tell us ___.



Remember: Key words

Read the key words and their meanings. Write each word in your own language.

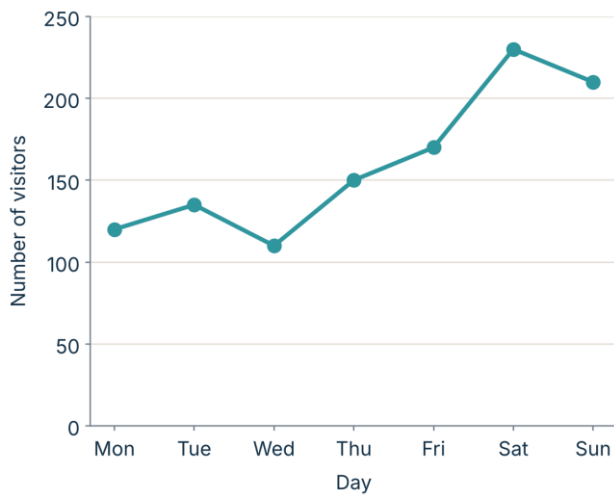
	MEANING	IN MY LANGUAGE
data	facts and numbers that people collect	
display	a way to show data, such as a graph, chart or table	
feature	an important part of a display, such as the title or an axis	
axis	a line on a graph that has labels or numbers	
scale	the numbers along an axis, such as 0, 4, 8, 12	
label	a word that names a part of a display, such as “Bus”	
unit	what the numbers count or measure, such as students or cm	



Independent task

Read one new display and explain it clearly.

Oakfield Castle visitors this week



Write 3 sentences: what the graph shows · one accurate finding · one thing it cannot tell us.

Use at least one: shows · represents · indicates

STRETCH Can you describe a trend?

Visitor numbers increased/decreased...
