



Colin and Coco's Deliberate Practice

Year 4 Unit 17

Statistics





Contents

This pack of deliberate practice is designed to be used flexibly to secure the manageable steps of this unit.

The table below indicates which activities are linked to which manageable steps.

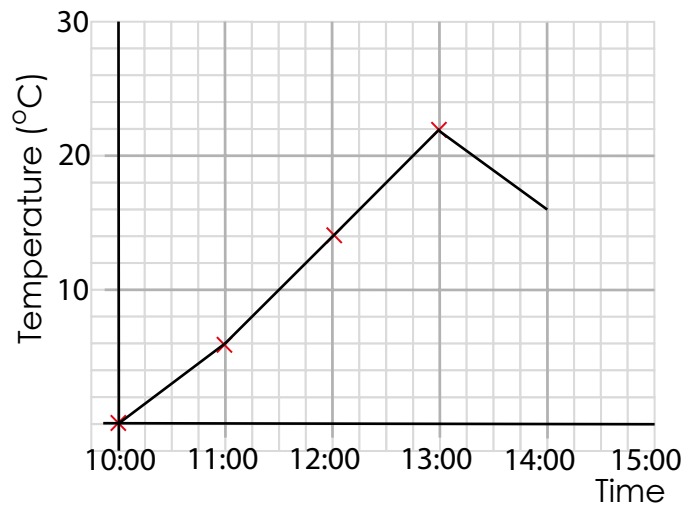
	Do It	Challenge It	Play It
Interpret bar charts with different scales on the frequency axis			1
Construct a bar chart with different scales on the frequency axis		1	
Interpret a time graph	1		
Construct a time graph	1		



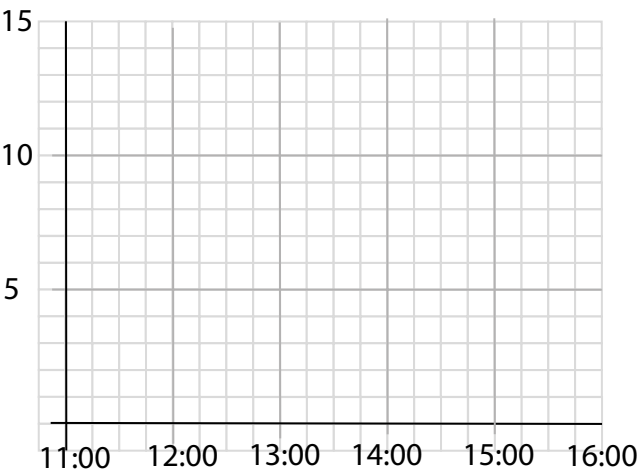
Do It 1

The time graph shows the change of temperature during a day.

Construct a time graph to show the distance travelled from home during a day.



Time	11:00	12:00	13:00	14:00	15:00	16:00
Distance(km)	0	8	11	11	13	15



- What is the temperature at 11:00?
- What is the temperature at 1 p.m?
- At what time is the temperature 12°C ?
- What happens to the temperature between 13:00 and 14:00?

Challenge It 1

24 people play tennis, football, rugby or netball.
6 more people like tennis than football.
The number who like rugby or netball is equal.
Construct 2 different bar charts





Bar Chart Category Game

Play It 1

You need:

Card Set A

Card Set B

To play:

Shuffle the cards and place them in two decks, face down.

Players take turns to turn over a card from set A and set B.

Using the bar chart on their card, they work out the number of people for the category on their other card.

The number of people is their score.

To win:

The winner is the first player to score over 100 or the player with the highest score after five goes each.

Card Set A

Red

Blue

Green

Yellow

Card Set B

