



# Colin and Coco's Deliberate Practice

Year 5 Unit 15

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 |
|------------------------------------------------------|-------|--------------|---------|
| Read and interpret information given in a timetable  | 1     |              |         |
| Read and interpret information given in a table      |       | 1            |         |
| Read and interpret information given in a line graph |       |              | 1       |



## Do It 1

This is Colin's school timetable:

| Time          | Mon     | Tue     | Wed     | Thu           | Fri     |
|---------------|---------|---------|---------|---------------|---------|
| 09:00 - 09:45 | Maths   | Maths   | Maths   | Forest School | PE      |
| 09:45 - 10:30 | English | Science | PE      | Maths         | Science |
| 10:30 - 11:00 | PE      | English | Reading | Science       | English |

Here is part of a train timetable from Cheltenham to Swindon:

|            |       |       |       |       |
|------------|-------|-------|-------|-------|
| Cheltenham | 11:00 | 11:19 | 11:30 | 11:55 |
| Gloucester | 11:13 | 11:35 | -     | 12:10 |
| Stroud     | 11:30 | -     | 11:59 | 12:25 |
| Swindon    | 11:59 | 12:15 | 12:25 | 13:00 |

Which days does Colin have PE?  
How many days does Colin have Science?  
What is the total number of minutes for PE?  
What is the total number of hours for Maths

How long does it take the 11:30 train from Cheltenham to reach Swindon?

How much longer does it take the 12:10 train from Gloucester to reach Stroud?

How many trains stop at Stroud?

Coco wishes to arrive at Stroud by 11:45 a.m. What is the latest train she

The table shows the prices for a theatre ticket.  
Use the clues to complete the table.

## Challenge It 1

The price of a child ticket on a Saturday is the same as the price of an adult ticket Monday - Friday

The price of a child ticket on a Sunday is the same as the price of a child ticket on Monday - Friday

The price of a child ticket on a Thursday is £7.50

The price of a family ticket on a Saturday is double the price on a Friday

The price of a family ticket on a Monday is £30

The price of an adult ticket on a Wednesday is £12

The price of an adult ticket on a Sunday is double the price of a child ticket on Monday - Friday

The price of an adult ticket on a Saturday is £5 more than an adult ticket on Sunday

Sunday £10 off a family ticket

|        | Monday - Friday | Saturday | Sunday |
|--------|-----------------|----------|--------|
| Adult  |                 |          |        |
| Child  |                 |          |        |
| Family |                 |          |        |



# Line Graph Game

Play It 1

You need:

Card Set A

Card Set B - The line graphs show the distance of Colin from his home at different times during the day.

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 line graph on their card, they work out the distance from home at the time shown on their other card.

The distance is their score.

To win:

The winner is the first player to score over 250 or the player with the highest score after five goes each.

Card Set A

11:00

12:00

13:00

14:00



## Card Set B

