

Reading a real timetable: Irish Rail Cork to Dublin

CURRICULUM ALIGNMENT

MEA.TIM.4

solve and pose practical tasks and problems involving the interpretation and calculation of time.

INTERACTIVES Timetable Reader · challenge, display, explore

WHAT THIS LESSON TEACHES

A train timetable is a grid with stations down the side and each service in its own column. To find a journey time, read the depart time and the arrive time from the grid, then count the hours and minutes between them.

→ The 07:00 Cork train reaches Heuston at 09:35.

→ 07:00 to 09:35 is 2 hours and 35 minutes.

MODEL THIS ON THE BOARD

CORK TO HEUSTON ON THE 07:00

- 1 Find the Cork row and the 07:00 column: depart time is **07:00**.
- 2 Find the Heuston row in the same column: arrive time is **09:35**.
- 3 Count from 07:00 up to 09:00: that is **2 hours**.
- 4 Count from 09:00 on to 09:35: that is **35 minutes**.
- 5 The full journey time is **2 hours 35 minutes**.

ANSWER KEY

Q1: 2 hours 30 minutes

Q2: 12:25

Q3: 1 h 15 min

Q4: 1 h 50 min

Q5: 2 hours 45 minutes

Q6: 2 hours 40 minutes

a) **Always** : The lesson timetable shows exactly this depart and arrive pair.

b) **Always** : That is the core method for every journey on the grid.

c) **Sometimes** : True for some pairs; false for the 08:20 (2 hours 30 minutes) and the 09:00 (2 hours 40 minutes).

d) **Never** : Arrive time is always later than depart time on the same journey.

EXTENSION SHEET · STRETCH ANSWERS

S1: 3:50 pm ↔ 15:50

S2: 3:35 pm ↔ 15:35