

The 24-hour clock – an introduction

MODULE 6 · TIME AND MONEY

MEASURES

HOW TO ANSWER TODAY

- **Read an analog clock.** Hour hand (short) → which hour. Minute hand (long) → minutes, counting in 5s.
Hour hand past 10, minute hand on 3 → 10:15
- **12-hour ↔ 24-hour.** 24-hour uses 00–23, no am/pm. For pm times, add 12 to the hour.
3:30 pm → 15:30 · 08:15 → 8:15 am

★ STRETCH PROBLEMS

- 1 During afternoon PE, Oisín looks up at the classroom clock. The minute hand points to the **11** and the hour hand sits just past the **3**. Write this afternoon time in **24**-hour form.

- 2 The classroom clock shows home time on the day of the Irish Rail trip from Cork to Dublin. The minute hand points to the **11** and the hour hand sits just past the **3**. Write this afternoon time in **24**-hour form.

- 3 On the school tour to Glendalough, the bus is due to leave the visitor centre at **1:35** pm. The driver writes the times on his sheet in **24**-hour time. How does he write **1:35** pm?



- 4 Fionn finishes his last lap of the cycle path at **12:45** on the digital display on his handlebars. Express this time in **12**-hour time using am or pm.



- 5 The whole-school assembly finishes at **1:35** pm, just after the lunch break in 4th class. Write this finishing time in **24**-hour time.



● INVESTIGATE

Plan a day out

Plan a half-day trip in your local area. Choose a start and finish time, list 4 stops, and work out how long you spend at each and travelling between them. Does everything fit before your finish time? Show your counting-on.
