The 24-hour clock: an introduction

MODULE 6 · TIME AND MONEY MEASURES

HOW TO ANSWER TODAY

- **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
- **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

STRETCH PROBLEMS

1. The nature-walk timetable on the noticeboard shows the loop starting at **12:50** in **24**-hour time. Write this time in **12**-hour time.

2. The class soup finishes cooking at **12:55** pm on cookery day. Write this time in **24**-hour form for the kitchen timetable.

3. During afternoon PE, Oisín looks up at the classroom clock. The minute hand points to the **11** and the hour hand sits just before the **4**. Write this afternoon time in **24**-hour form.

4. During a night-time relay for the club's charity spin, the timekeeper notes that Tadhg's dad finishes his lap at **12:15** am. Write this time in **24**-hour form.

5. During Camogie training, Aoife checks the school clock. The minute hand points to the **9** and the hour hand sits between the **11** and the **12** in the morning. Write this time in **24**-hour form.

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.