Probability scale and the language of chance

MODULE 9 · DATA AND CHANCE DATA & CHANCE

HOW TO ANSWER TODAY

- **Chance words.** Choose from: impossible · unlikely · even · likely · certain.
  Sun rising tomorrow → certain Coin landing heads → even

STRETCH PROBLEMS

1. Aoife and her 6th class are running a probability experiment with fair coins on the classroom table. How likely is this event: flipping **5** heads in a row with a fair coin? Choose one of: impossible, unlikely, even, likely, certain.

2. Saoirse's mam works as a midwife at the local hospital and often talks about the babies born there. How likely is this event: the next baby born being a boy? Choose one of: impossible, unlikely, even, likely, certain.

3. Cian's 6th class has **30** pupils. For the secret Santa swap, one name is drawn at random from a bag. How likely is it that the pupil chosen is left-handed? Choose one of: impossible, unlikely, even, likely, certain.

4. At the school summer fair, Saoirse plays a board-game stall where she rolls a standard die. How likely is rolling a number greater than **1** on a standard die? Choose one of: impossible, unlikely, even, likely, certain.

5. Cian and Oisín are playing a board game at break. Cian needs to roll at least one **6** in two rolls of a standard die to win a bonus turn. How likely is this event? Choose one of: impossible, unlikely, even, likely, certain.