

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 Mrs Murphy's 5th class are doing a chance lesson in the maths corner. She asks the class to think about the next baby born in the local hospital being a boy. How likely is this event: impossible, unlikely, even, likely, or certain?
- 2 At the school summer fair, Aoife runs a spin-the-wheel stall and chats to the 5th class teacher about chance. The teacher asks her: how likely is it that a randomly chosen pupil in a class of 30 is left-handed? Choose one word from: impossible, unlikely, even, likely, certain.
- 3 During wet PE, Tadhg's 5th class gets out a board-game spinner and starts chatting about chance. The teacher asks the class to describe how likely this event is: a randomly chosen pupil in a class of 30 being left-handed. Choose one word: impossible, unlikely, even, likely, or certain.
- 4 Before a yard game at little break, Oisín tosses a fair coin to decide which team goes first. How likely is the event of a tossed fair coin landing heads? Choose one of: impossible, unlikely, even, likely, certain.
- 5 Before a yard game at lunchtime, Aoife puts 1 red counter and 9 blue counters into a bag to decide who picks first. Whoever pulls out the red counter starts the game. How likely is it that the first counter pulled is red: impossible, unlikely, even, likely, or certain?