Chance — likely and unlikely

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. In Ms Walsh's 3rd class maths investigation, Aoife is talking about chance events with her group. They discuss the next baby born in the local hospital being a boy. Is this event impossible, unlikely, even, likely or certain?

   > How likely is this event: the next baby born being a boy? Choose one of: impossible, unlikely, even, likely, certain.

2. Ms Murphy's 4th class are talking about chance during maths. She asks them about the next baby born being a boy. Is this event impossible, unlikely, even, likely, or certain?

   > How likely is this event: the next baby born being a boy? Choose one of: impossible, unlikely, even, likely, certain.

3. In Ms Murphy's 4th class, the pupils are talking about chance in the maths corner. They wonder how likely it is that a randomly chosen pupil in a class of **30** will be left-handed. Choose one word to describe this: impossible, unlikely, even, likely, or certain.

4. Tadhg and Aoife play a dice game in 4th class during indoor break. Tadhg rolls a standard die two times and wants to get at least one **6**. How likely is this event? Choose one: impossible, unlikely, even, likely, certain.

   > How likely is this event: rolling at least one 6 in two rolls of a standard die? Choose one of: impossible, unlikely, even, likely, certain.