

Chance – certain, possible and impossible

WHAT THIS LESSON TEACHES

Events are certain if they are sure to happen, possible if they might happen, and impossible if they can never happen.

- The next day of the week will have a name is certain.
- It rains during lunch break is possible.
- Sunday comes straight after Wednesday is impossible.

MODEL THIS ON THE BOARD

SORTING A SUNSET EVENT

- 1 Read the event: will the sun set this evening?
- 2 Ask if there is any way it can fail to happen in any weather or season.
- 3 The sun always sets each evening so the event is certain.
- 4 Label it certain and say why out loud.

DISCUSSION STARTER

REFLECT Can you name one certain, one possible and one impossible event from your day?

ANSWER KEY

Scaffold: visual check on the page

Q1: certain

Q2: possible

Q3: certain

a) Always — That matches the meaning of certain in this lesson.

b) Never — Possible means it might happen, not that it must.

c) Always — No other result can appear so it is sure.

d) Never — Impossible means it can never happen at all.

EXTENSION SHEET · STRETCH ANSWERS

S1: unlikely

S2: even

S3: unlikely

S4: unlikely

S5: unlikely