MATHS

Probability

Modelling

Likelihood

Mathematical Modelling

Interpreting from Mathematical Models

Interpreting Representations of Scenarios

Numerical Probability of single events

ASSESSMENT

Assigning Numerical Values to Probability

Assigning Numerical Values: Problem Solving

Probability Adds to One

ASSESSMENT

Numerical Probability of successive events

Fairness

ASSESSMENT

Two events

ASSESSMENT
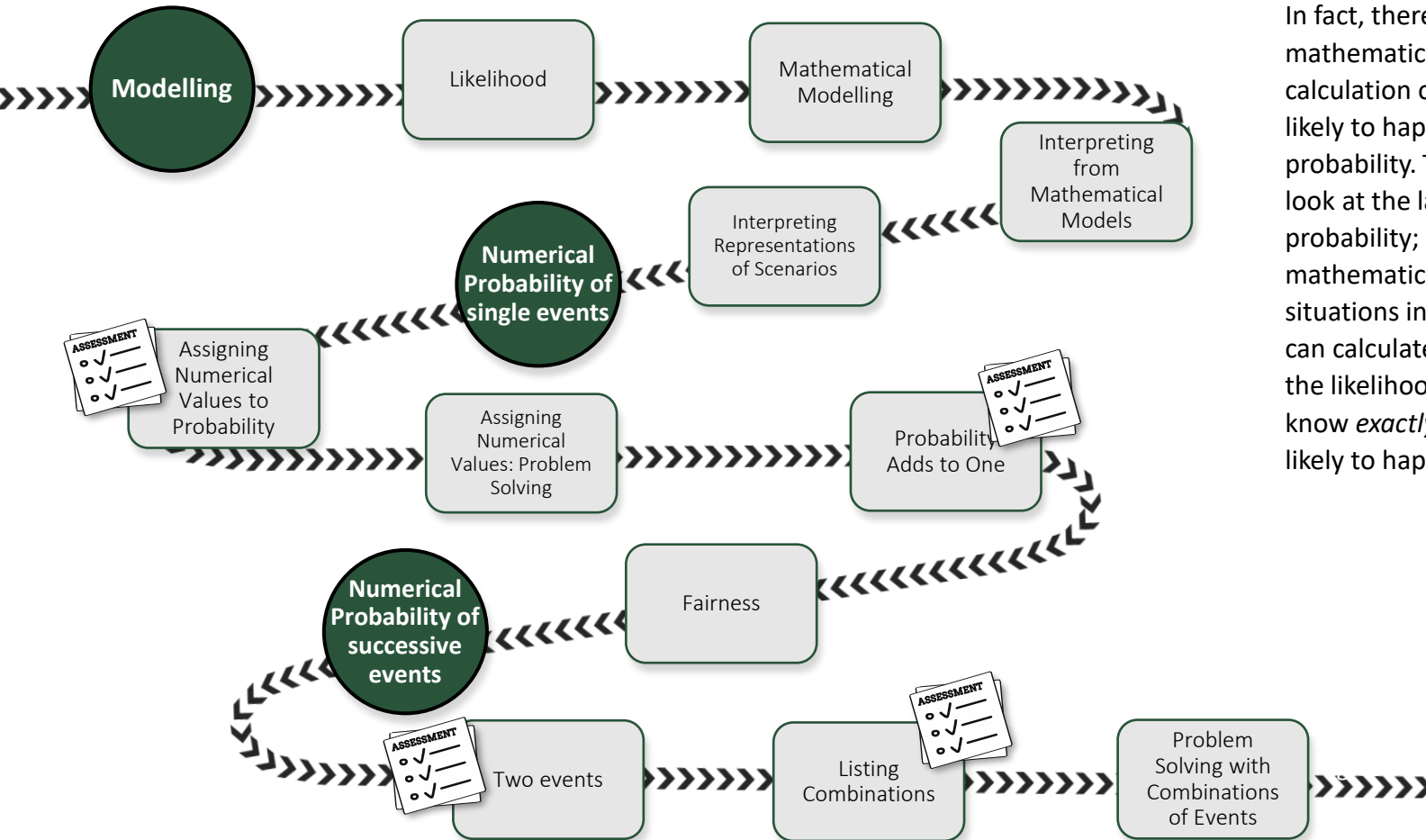
Listing Combinations

Problem Solving with Combinations of Events

Nothing in life is certain, but some things are more certain than others. In fact, there is a whole branch of mathematics dealing with the calculation of which events are more likely to happen than others: this is probability. This half term we will look at the language behind probability; how we as mathematicians can turn real life situations into models; and how we can calculate a numerical value for the likelihood of an event so we can know *exactly* which events are most likely to happen.

VOCABULARY
- ❑ **Probability**
- ❑ **Fair**
- ❑ **Biased**
- ❑ **Sample Space**
- ❑ **Mutually Exclusive**

TUDOR HABITS AND VALUES
Learning about probability develops courage and grit by developing a probabilistic mindset and empowers individuals to navigate ambiguity with resilience, fostering courage and grit in their pursuit of understanding and success.