**Strand:** Exploring, analyzing and modelling data  
**Band:** Primary years  
**Standard:** 2  
**Year Level:** 4

**Key Idea**
Students refine their understanding of chance and randomness by using data from their daily activities to describe possible outcomes and their likelihood. They analyse trends and relationships and make predictions about possibilities in the future. [F] [Id] [T] [KC1] [KC6]

**Outcome**
2.3 Describes situations where chance plays a role; collects, organises and represents data to identify possible outcomes; and uses comparative language to describe the likelihood of each outcome. [F] [T]

**Task/Activities**
Order events from least likely to most likely and justify choice

**Examples of evidence towards achievement of outcomes**
Students:
- Prioritise and order in a logical sequence a series of events/actions.
- Justify reasoning.

**Probability sequence**
Place events on a sliding scale. Discuss your reasons for where you chose to place the events.

<table>
<thead>
<tr>
<th>Impossible</th>
<th>unlikely</th>
<th>equal probability or chance</th>
<th>most/highly likely</th>
<th>certain</th>
</tr>
</thead>
</table>

Possible events to consider
- A triangle has four corners
- The sun will rise tomorrow
- Rain will fall today
- You will live to be 100
- You will win the lottery and become a millionaire.

Think of more events to place on each part of the sliding scale.