Primary Mathematics Curriculum

Chance

	Stage 1 (Junior & Senior Infants)	Stage 2 (1st & 2nd Class)	Stage 3 (3rd & 4th Class)	Stage 4 (5th & 6th Class)
	Through appropriately playful and engaging learning experiences, children should be able to			
Learning Outcomes			describe and test predictability and (un)certainty in events.	use probability to make informed decisions and predictions. represent and express probability in different forms.
Mathematical concepts			Events in everyday life involve chance. Some events are more likely to happen than others.	Probability can be represented on a scale between 0 – 1.
			If an event is unlikely to happen, it has a low probability. If something is likely to happen, it has a high probability.	The experimental probability of an event occurring may not always match the theoretical probability.
			Expected or predicted outcomes of an event can differ from actual outcomes.	The probability that a specific outcome will occur can be represented as a fraction, decimal or percentage.
			Investigating chance allows decision-making and predictions about everyday events and occurrences.	A sample space contains all possible outcomes of an experiment.
				Probability can be described in proportional terms and is calculated by dividing the number of ways the identified outcome can happen over the total number of possible outcomes.
				As you repeat a trial independently a large number of times, the average result becomes increasingly closer to the expected value.