

Unit 8: Probability — Casino Night Project

Criteria	4 – Excellent	3 – Good	2 – Fair	1 – Poor	0 – Missing
Theoretical Probability	Correct for all games, fully justified	Mostly correct; one error	Attempt but several flaws	Minimal	None
Experimental Probability	Data collected, compared clearly to theory	Data present; weak comparison	Some data only	Minimal attempt	None
Fairness Analysis	Logical, supported by data, clear conclusion	Reasoned but vague	Weak	Minimal	None
Math Accuracy	Fractions/decimals/percents accurate	Minor error	Several errors	Mostly incorrect	None
Creativity & Presentation	Unique game, neat, engaging visuals	Clear but not creative	Plain/simple	Minimal	None