Lesson Plan Template

Grade Level	7
Subject	Math
Curriculum Objective	Objective 4.05-Solve problems involving 2 or more sets of data using appropriate statistical measures.
Guiding Question	How do I find the probability of a number?
Lesson Summary	Students will use a simulation of taking steps toward the edge of a cliff of the Grand Canyon finding the probability that they can escape unharmed by using the "Cliff-Hanger" simulation.
Activating Strategy	Activate students prior knowledge by reviewing ratios as fractions and how to convert between fractions and decimals. Also review ways of organizing and presenting data such as tables, bar graphs and histograms.
Cognitive Strategy	Introduce the basic definition of probability by using examples involving events like the roll of a dice or the spin of a spinner. Students should see the possible outcomes for each example. Students should write down all possible outcomes as well as favorable outcomes.
Summarizing Strategy	Assess student learning through oral and written observations, class discussions and quizzes.
Evaluation	Online Quiz Glencoe Textbook www.glencoe.com/sec/math/studytools
Resources	Math.glencoe.com www.mste.uiuc.edu/activity/cliff
Credits	Susan Bunch 7th grade Math Southeastern Stokes Middle School