

G7 Playlist: Understanding Probability

Aligns with *CCSS.MATH.CONTENT.7.SP.C.5*: Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around $\frac{1}{2}$ indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.

Related Standards

- 7.SP.C.6 Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. *For example, when rolling a number cube 600 times, predict that a 3 or 6 would be rolled roughly 200 times, but probably not exactly 200 times.*
- 7.SP.C.7 Develop a probability model and use it to find probabilities of events. Compare probabilities from a model to observed frequencies; if the agreement is not good, explain possible sources of the discrepancy.

PREVIEW



Objectives

In this playlist, you will learn and practice the following skills:

- State how likely an event is to happen, based on its probability.
- Compare multiple probabilities and state which event is more or less likely to happen.

Let's get started!

Key Terms

- A **probability** is a ratio that compares the number of outcomes we are looking for with the total number of possible outcomes.
- An **outcome** is a result.

PREVIEW

