

MATH UNIT COLLECTION

PROBABILITY

LESSONS, ACTIVITIES, ASSESSMENT

What is Theoretical Probability

Theoretical probability can be calculated using the

$$\frac{\text{Number of favourable outcomes}}{\text{Total number of outcomes}}$$

Examples

Probability of tail = $\frac{1}{2}$
Probability of head = $\frac{1}{2}$

Probability of roll = $\frac{1}{6}$
Probability of not roll = $\frac{5}{6}$

Probability - Unit Outline 2022 Update

Teacher Portal - Home to Unit Out Math Units, Assessments

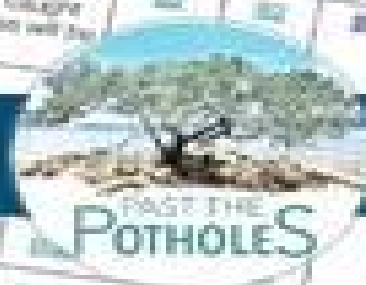
CC.1 Solve various problems that involve probability, using appropriate lists and strategies, including tree and tree diagrams

CC.2 Identify and compare the theoretical and experimental probabilities of multiple independent events occurring and of multiple dependent events happening

Random Events: Investigate and report on real-world applications of probability expressed in fractions, decimals, and percent form (e.g., lottery, betting strategies, weather forecasts, elections)

Random Events: Make predictions about a population when given a probability (simple problem). The probability that a fish caught in Lake Ontario is a bass is 20%. Predict how many bass will be caught in a fishing derby team. If 500 fish are caught.

GRADE 7/8



Grade 7 Math Unit 12 Probability

JL Elias



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