

Math Strategies 1

Q3 - Pletcher
2024

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Display

Week Feb 12-16, 2024

B-Monday: Introduction to Probability

Outcomes of a sample: Section 10.1 BIM Red Acc. Book

Complete the Activity 1 with flipping coin, spinner of different sections, etc.

Discuss the “Theoretical” vs “Experimental” differences and the law of large numbers

A-Tuesday:

Complete 10.1 Practice # 1-5c and then review it

Notes on impossible, unlikely, equally likely, likely, and certain as a number line of probability

Do the Activity 10.2 # 2 on changing spinner to unequal parts.

B-Wednesday - Complete the 10.2 & 10.3 Practice

Do a studyisland.com group session ===

A-Thursday - Finish the notes on the studyisland.com group session

B-Friday - Students complete individual sessions on studyisland.com

7th grade PSSA - Overview ---

This is expected to be covered the second part of Q3.

Unit Objectives - Math 7 PSSA

ASSESSMENT ANCHOR

M07.D-S.3 Investigate chance processes and develop, use, and evaluate probability models.

DESCRIPTOR

M07.D-S.3.1 Predict or determine the likelihood of outcomes.

ELIGIBLE CONTENT

M07.D-S.3.1.1 Predict or determine whether some outcomes are certain, more likely, less likely, equally likely, or impossible (i.e., 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).

ASSESSMENT ANCHOR

M07.D-S.3 Investigate chance processes and develop, use, and evaluate probability models.

DESCRIPTOR

M07.D-S.3.2 Use probability to predict outcomes.

ELIGIBLE CONTENT

M07.D-S.3.2.1 Determine the probability of a chance event given relative frequency. Predict the approximate relative frequency given the probability.

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.

M07.D-S.3.2.2 Find the probability of a simple event, including the probability of a simple event **not** occurring.

*Example: What is the probability of **not** rolling a 1 on a number cube?*

M07.D-S.3.2.3 Find probabilities of independent compound events using organized lists, tables, tree diagrams, and simulation.