

# Math Strategies 1

Q3 - Pletcher  
2024

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# Week Feb 26 - Mar 1, 2024

**A - Monday:            COMPOUND Probability INTRODUCED**

**Play ROCK-PAPER-SCISSORS**

**Traditional way with 2 people and record even ties**

**Show its a fair game**

**Play 3 person by Mrs. Pletcher rules of matches**

**Show it has an unfair outcome**

**B-Tuesday:        Complete worksheet from Middle School BIM packet**

**A - -Wednesday -    Work on another group session off studyisland with handout  
for compound probability**

**B- Thursday -    Continue work with group session**

**A --Friday -        Complete an individual session**

# 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.