**Primary Task**

Data and Probability: Analyzing data and chance enables us to compare and interpret.

likelihood of events:

* using comparative language (e.g., certain, uncertain; more, less, or equally likely)

Open Questions: Data Management and Probability k-3

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Before:

Something is very unlikely to happen today and you are happy about this. *What could this be?*  Something else is very likely to happen today, and you are happy about that as well. *What could it be?* *How is it possible that something very unlikely and something very likely can both be things that make you happy?* Peer turn and talk and share back to group.

During:

Partner probability game. Partners will pull linking cubes out of a bag. Make at least two rules for your games. p. 100

Possible rules:

You are more likely to pick a \_\_\_\_\_\_\_ (color) cube that a \_\_\_\_\_\_\_ (color) cube.

You are \_\_\_\_\_\_\_\_\_\_\_ to pull out a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cube from the bag.

You are equally likely to pull out a \_\_\_\_(color) cube.

It is impossible to pull out a \_\_\_\_\_\_ (color) cube.

Have your partner read the rules and prepare the cubes in a bag based on the rules.



Play the game with Canadian coins. p.100

Possible rules:

It is likely but not certain that the coin will be silver.

It is certain that I will pull out a coin that is worth something.

It is impossible to pull out a coin that will have a super hero on it.

It is certain you will never spend one of these (penny).

Use these words to make a sentence. **sometimes bike friend usually**

Try: **beach unlikely possible bucket**

Try: **certain park swings impossible**

After:

A probability line begins with impossible and ends with certain

Where would you put the following terms: **unlikely, less likely, more likely, equally likely**