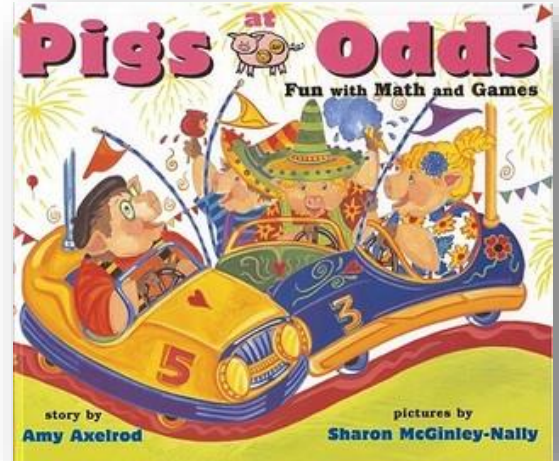**Primary Tasks**

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
Marian Small & Ryan Tackaberry

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**