Drawing Inferences from Random Sampling

Statistics is math that deals with collecting, analysing, interpreting, and presenting data

- Population - entire group
- Sample - part of the population
- Random sample - part of the population that mimics the population


## Sesson Goals (Cacademic]

- We will use random sampling to draw inferences about a population.(7.s.a.
- We will answer real-world questions to understand that statistics can be used to

■ gain information about a population by examining a sample of the population

- make generalizations about a population from a sample and that they are valid only if the sample is representative of the population
- We will answer real-world questions to understand that random sampling tends to produce representative samples and support valid inferences


## Cesson Goals [Socio-Emotional]

- We will work in learning teams to
- Make sense of problems and persevere in solving them (SMP.1)
- Construct viable arguments and critique the reasoning of others (SMP.3)
- Attend to precision (SMP.6)


## Three Reads Protocal

Each person will read their card 3 times before everyone begins to solve
1st Read
Goal: Comprehend Text
2nd Read
Goal: Analyze and discuss
3rd Read Goal: Brainstorm ways to solve


## Team Member a

- You are responsible for reading and sharing cards 1, 4, 7, 10, 13, 18
- When it is your turn, you will:
- 1-Share your screen
- 2 - Read the card aloud and ask for any word clarifications from the team
- 3-Read again and summarize the card in your own words with support from the team if needed
- 4-Read once more and lead the discussion on how to solve the problem (what is needed, where to start)
- 5-Give time for everyone to solve the problem, and lead the discussion for the solution







