How many will you take? (Game of NIM)

- Introduce yourself to your partner – share one unique thing about yourself to your partner
- Rules of the game
  - This is a two player game.
  - For each turn, a player is allowed to remove one, two, or three objects from the pile.
  - The player who removes the last object loses the game.
  - Find your next opponent and repeat this pattern until we finish.

- Reflect and write down any strategy or strategies you used while playing the game.
- Please share your strategies with us.
- What strategy or strategies, if any, will always guarantee a win?
- How might your strategy change if each opponent was allowed to remove 1, 2, 3, or 4 objects?
- How might your strategy change is this was a three player game?