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 if this was a three player game?