

Number Battle

Pair up all of the students. Each should have something to write on and something to write with. Have the students sit back to back. Each will write down a number between 0 and 10. The player with the higher number gets that amount of treats or points minus the amount written by the opponent. Example, if they chose 7 and 5 the student who had chosen the higher number gets 2 treats/points ($7 - 5 = 2$). What will happen when the players get to play one, five or twenty rounds? Will the children find the cooperative strategy that will enable them to earn as many treats/points as possible? (Hint: if players take turns writing 0 and 10, each one will be able to get 10 treats/points every other round).

