Notes for *Three For All Advanced*

Level: Grades 1-2

Recommended # of Players: 2

Materials: *Three for All* game board**,** 20 transparent chips (10 each in 2 different colors); 2 metal or plastic rings, approximately 1-2" in diameter (to circle one number at the bottom of the game board)

Math Skills: Addition, 1-6 or 3-8 (depending on which game board is used); spatial reasoning

Mathematical benefits:

This enjoyable game combines addition and strategy. Children must calculate several sums on each turn and look for those sums on the board in order to determine the number to move the ring to that would help them achieve three in a row. Also, as students play against each other, they must consider their opponents next move. While playing Nickelodeon, students must evaluate several options and choose their plays carefully- moving students into critical thinking.

There are two versions of the *Three for All* game board; one has the numbers from 1-6 at the bottom, and the other has the numbers from 3-8 (and larger sums in the spaces).

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Three for All advanced
2 Players

Materials: *Three for All* game board; 20 transparent chips (10 each in 2 different colors); 2 marker chips of a third color, (*small metal rings are ideal, if available).

Objective: The object of the game is to be the first player to make a line of 3 chips, horizontally, vertically, or diagonally.

To Play:

1. Each player chooses a color.
2. Decide who is going first.
3. The first player places marker chips on any two of the six numbers in the row outside the square and then covers the number on the game board that is the total sum of the two numbers. (For example, if a player puts the two rings on a 4 and a 6, he/she then will cover up the 10 on the game board with a chip; 4 + 6 = 10)

4. The second player than moves **one** of the marker chips to a different number and adds the two together. He/she then puts one of their player chips on the sum of the two numbers.
5. The players take turns moving only **one** of the marker chips and covering the number that equals the total.
6. The players keep repeating these steps until someone has a line of three chips.

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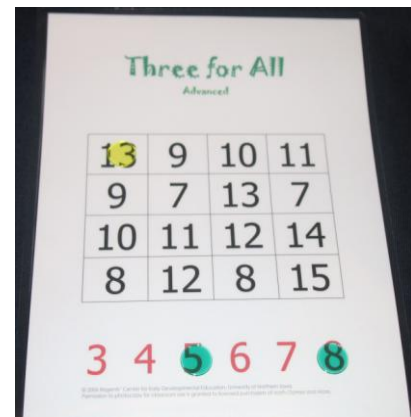
Three for All

Advanced

13	12	7	10
8	7	15	11
9	11	9	14
13	10	8	12

3 4 5 6 7 8

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Three for All

Advanced

10	8	12	13
9	14	8	11
11	10	15	12
13	9	14	7

3 4 5 6 7 8

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Three for All
Advanced

13	9	10	11
9	7	13	7
10	11	12	14
8	12	8	15

3 4 5 6 7 8

Three for All

Advanced

14	7	11	12
10	9	8	14
8	13	10	13
9	12	11	7

3 4 5 6 7 8

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