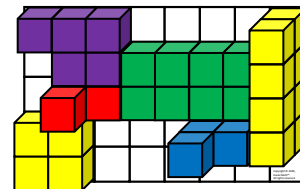


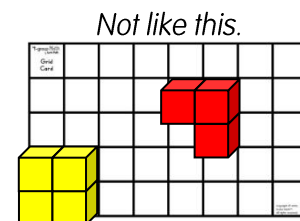
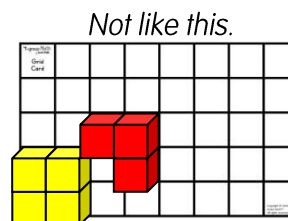
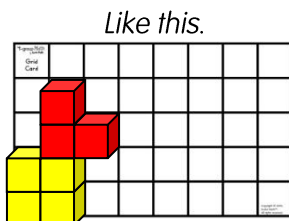
# 4-group Grid Card

The squares on the 4-group Grid Card are sized to match the 4-group Number Blocks. Children develop their spatial skills by trying to cover the grid with different combinations of blocks.

Put the Grid Cards out with the 4-group Number Blocks. Take turns putting a number block on the grid. *"We want to cover this grid with blocks so no white paper is showing."* Blocks may lay flat or stand up. Some part of each block must touch the grid and each block must touch one of the sides of a previous block as shown below:



Use "math talk" as you place the blocks. *"I will take a four block and place it on the grid."* *"I am placing my two block under (next to, above, below) your three block."*



## Play Fill the Grid Game

**Player One** rolls a 4-group Dice. He takes a Number Block for either the purple or the white number rolled and sets it anywhere in the grid. For an advanced 3-dimensional game, any side up is okay; meaning some blocks may stand on their side or end.

**Player Two** rolls a 4-group Dice. She takes a Number Block of either the purple or the white number rolled and sets it in the grid with the rule that it must touch one side of **Player One's** block. The player to place the last piece in the grid is the winner. If the last number is not rolled by either player on their last turn, it is a tie game. For a cooperative game, children can work together to fill the grid.

