

# Part-Part Total

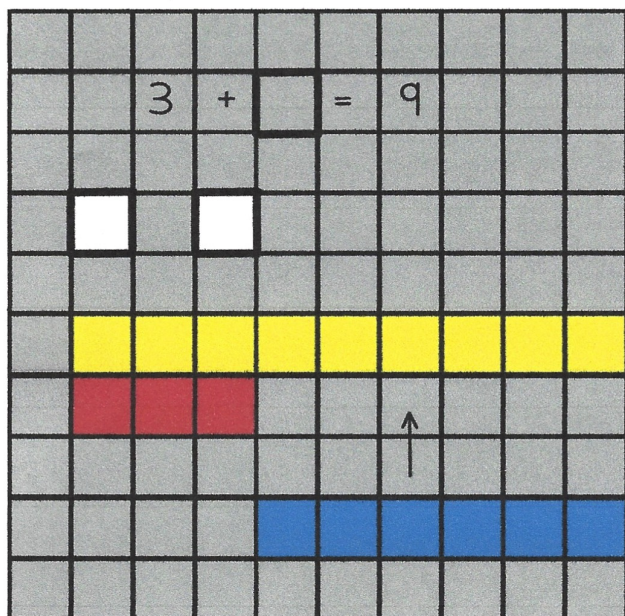
## Addition and Subtraction Style

**Purpose** to build part-part total thinking to support addition and subtraction to build change unknown, start unknown, addend unknown, and comparing thinking

**Materials** PreK-2 Structure Cards  
Geo-Data Cards  
The Learning Carpet

### Directions

Choose visual cards 6-10 to make the total. Create another pile of visual cards 0-5 to make a part pile. Mix up each pile and put them face down. Flip over a card from the total pile. Find the quantity and build it on a row on the carpet using the yellow cards. Flip over a card from the part pile. Find the quantity and build the part below the total using red cards. Make an estimate. Put blue cards down to show the other part. **Tell your thinking: The total is 9. The part I know is 3...I see a difference of 6.** Clear and repeat.



### More Ways to Play

Use two piles of cards 0-5 to support result unknown and total unknown thinking.

Reduce the range of number to 0-5 to add support.

Use square tiles or cubes to create classroom kits.

Use numeral cards to add challenge.

Create tape diagrams and equations to match the thinking to add challenge.

Use this routine to model addition and subtraction situations.