Parent Math Workshop Powder Springs Elementary January 21, 2023



Agenda:

- *Welcome to K-2 Session
- *Introduction
- *Addition/Subtraction Strategies
 - *Five frame/Ten frame/Double ten frame
 - *Number bonds/Part-part-whole
 - *Number lines
 - *Hundreds chart
 - *Place value models/mat
 - *Expanded form/partial sums
 - *Problem Solving(situations)
- *Fact Fluency(Automaticity) Activity
- *At home games:
 - *Race to 100/0
 - *Make a 10 Go Fish
 - *Add/Sub War
 - *Addition Bump
 - *Games using 120 chart
- *Closing

Welcome!



K-2 Addition and Subtraction

Introductions:



Mrs.Raven Slaughter Academic Coach

I am the academic coach at Powder Springs. I have taught PreK-8th grade. This is my 10th year teaching in Cobb County. Students are my why!



Mrs. Shari Martin 2nd Grade Teacher

I am a Second Grade teacher at Powder Springs. I worked in First Grade for 4 years. This is my 10th year teaching in Cobb County. I love watching students become successful in math!



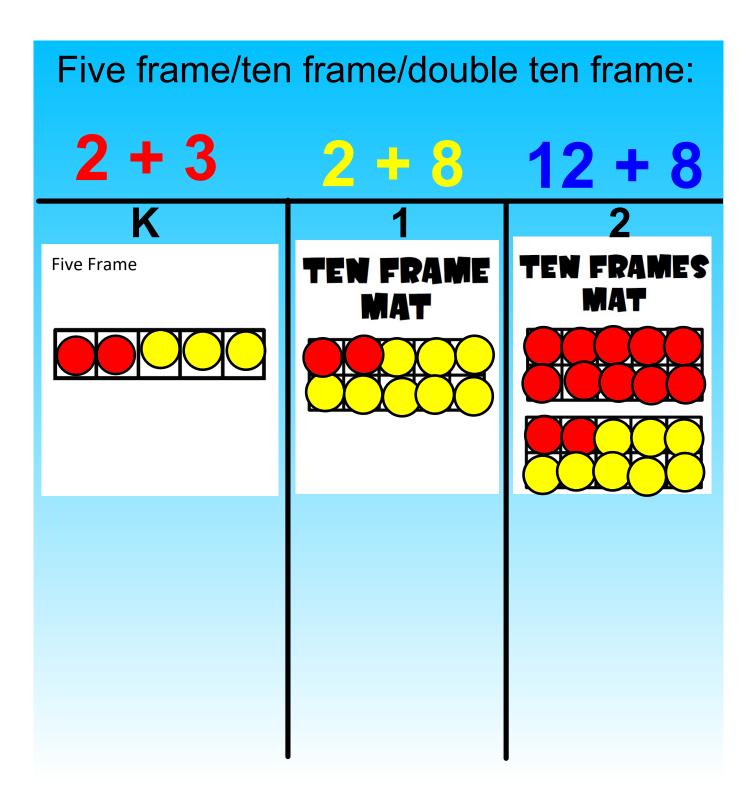
Mrs. Dina Voyles EIP/RTI

I am an Early Intervention teacher and help with the Tier 3 Response to Intervention for the school. This is my 23rd year teaching in Cobb County. I love, love, love teaching math!

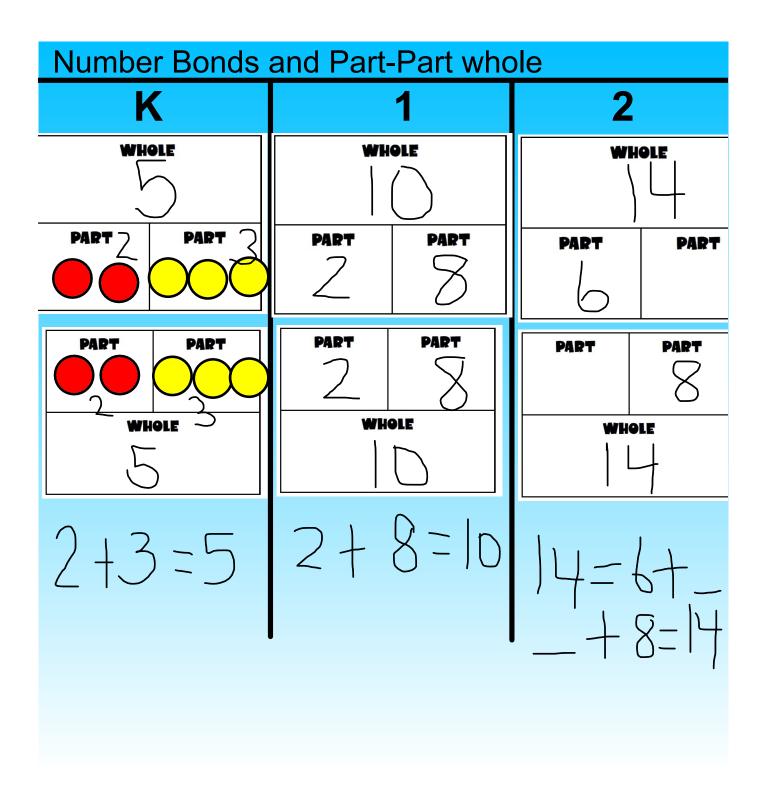
Our Learning Target!

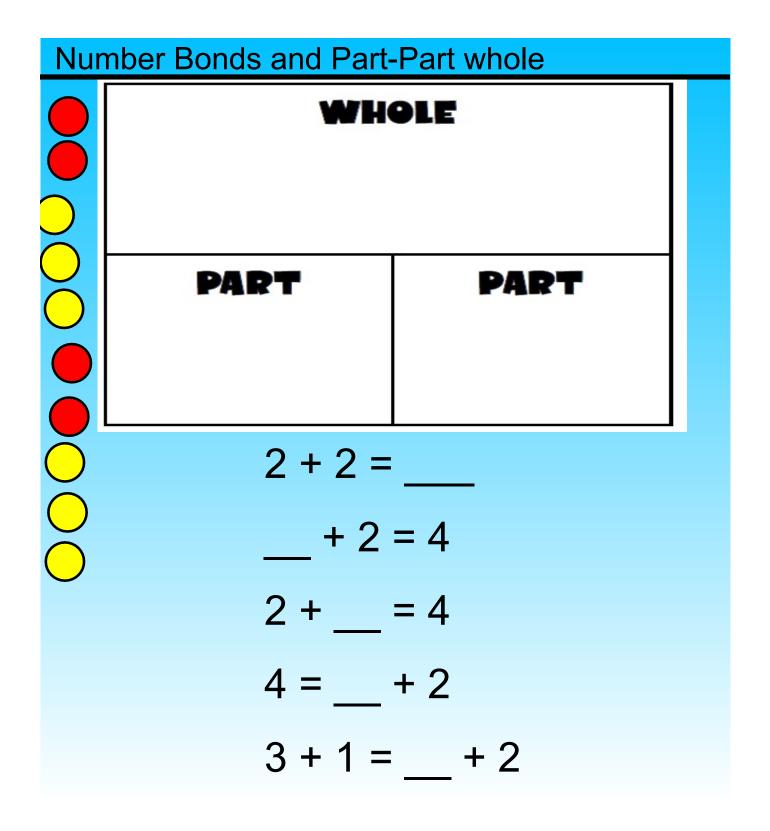


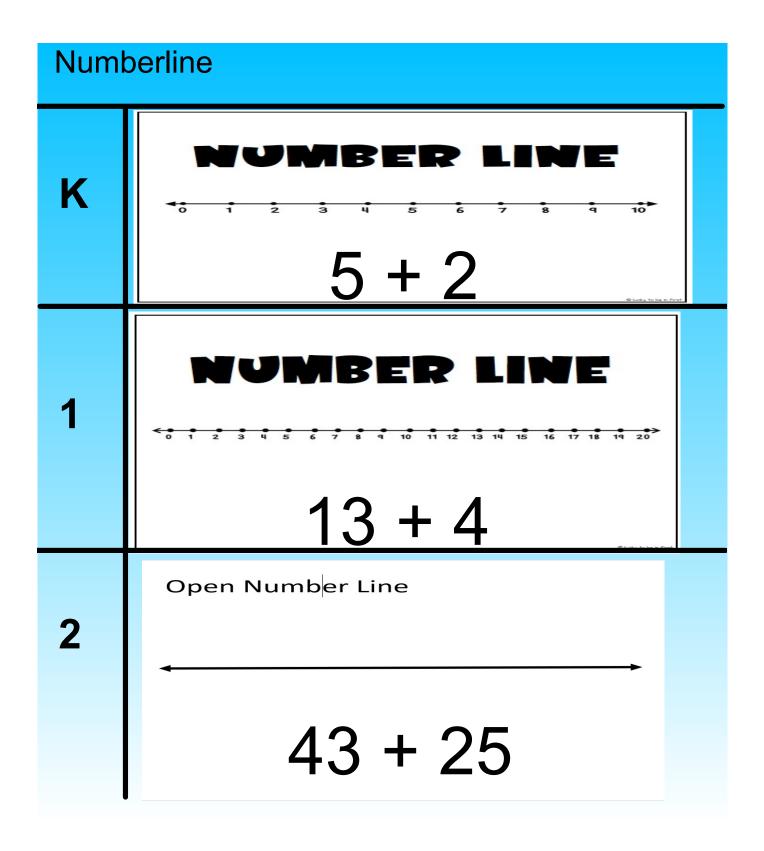
I can use math strategies to add and subtract fluently in grades K-2.



Number Bonds and Part-Part whole K NUMBER BONDS **NUMBER BONDS**



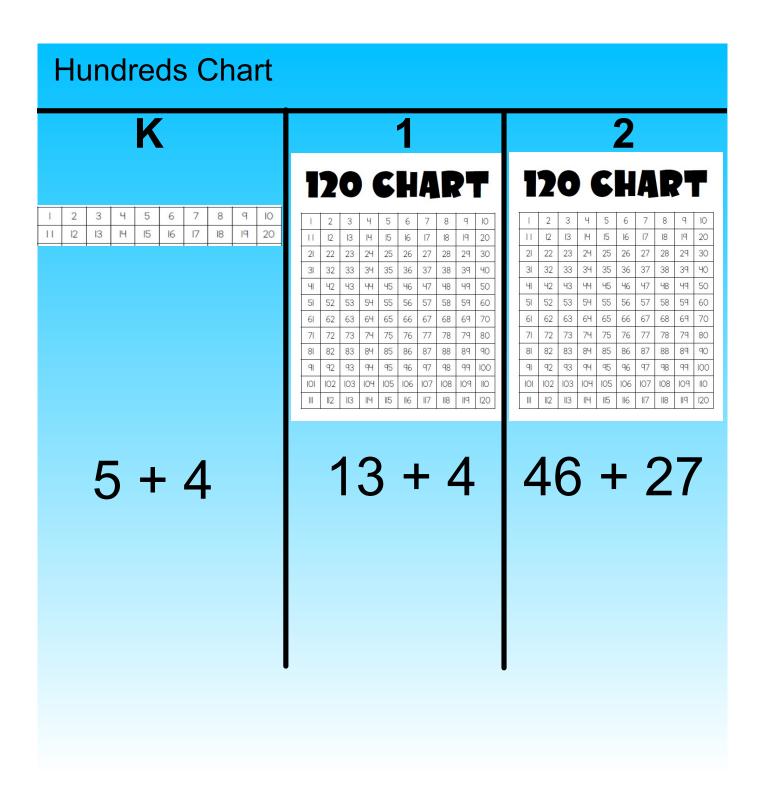




Numberline

Open Number Line

$$46 + 27$$



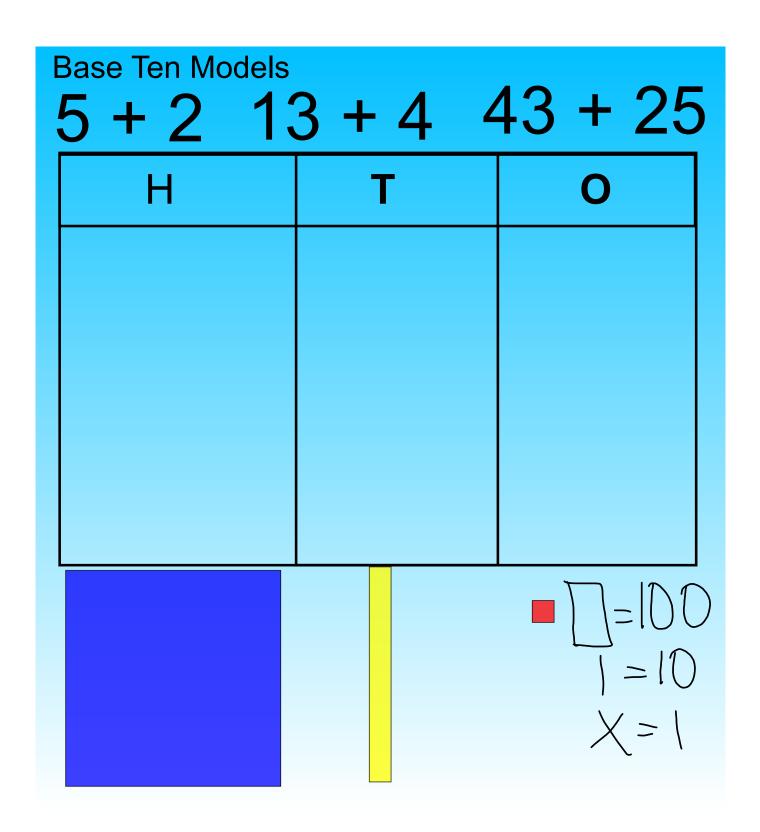
Hundreds Chart

46 + 27

10 more ;10 less

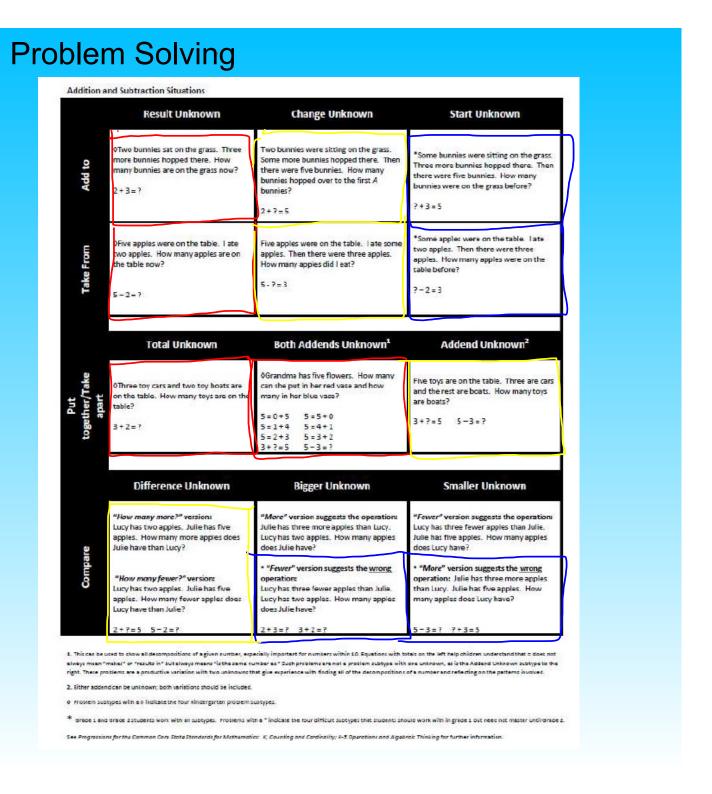
120 CHART

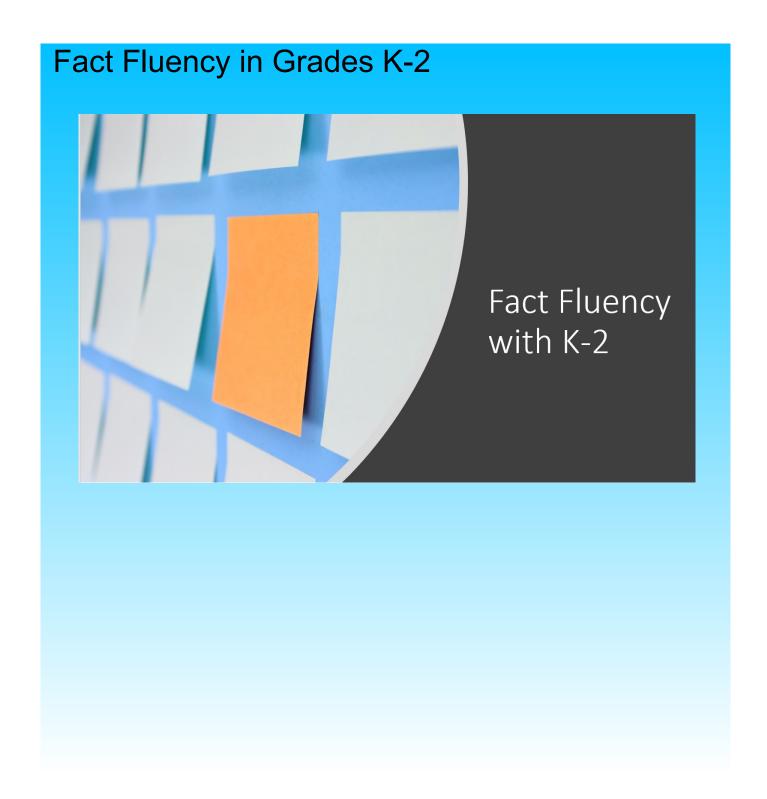
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Ю |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 9I | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| IOI | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | IIO |
| III | 112 | II3 | IIЧ | 115 | 116 | 117 | 118 | 119 | 120 |



Expanded Form/partial sums:

43 + 25





At Home Game 1: RACE to 100/0 HUNDREDS TENS ONES HUNDREDS TENS ONES ONES

At Home Game 2:

Make a 10 Go Fish/Make a "___ " Go Fish



Materials Needed:

Deck of cards(with 10 and face cards removed)

Ten frame/five frame

Counters(any thing will do(beans, pennies, beads)

Object of Game:

Make as many number pairs that add up to the given number as you can

How to Play:

- 1. Deal each player 7 cards.
- 2. Each player looks at hand to find any matches that add up to 10 or the given number.
- 3. Each player places matches in front of them.
- 4. The first player looks at hand and asks another player for a number to match with one of their cards to make 10 or the given number. If the asked player has the number, he/she gives their card. If the asked player does not have the number, he/she says "Go fish" and the player draws a card from the pile. If a match is made the player gets another turn. If a match is not made, the next player will begin their turn.
- 5. The game ends when <u>all of</u> the cards are played. The players write down <u>all of</u> their number pairs that made 10 or the given number. The winner is the person with the most number pairs.

****The players may use a ten/five frame and counters if desired.****

At Home Game 3:

Addition Fact War

Skill: Addition facts

Objective: To win the most cards

Materials: 1 deck of cards (Ace=1, Face Cards=10)

Each player gets half of the deck of cards.

 The players hold their stack of cards facing down, calls out "ready, set, battle", and then flips over their top card.

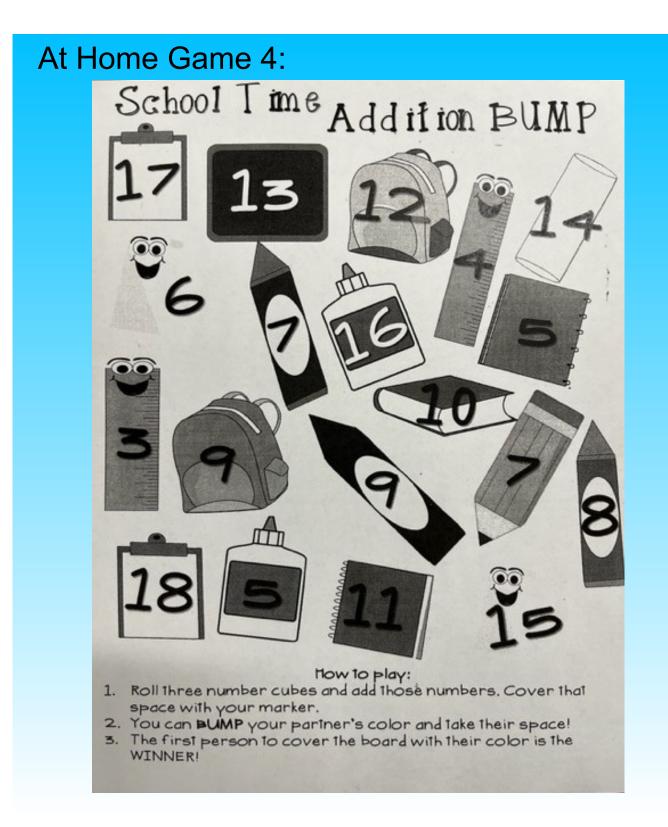
 The first person to ADD up the sum of both cards wins the cards. If there is a tie, 2 more cards are flipped over and compared.

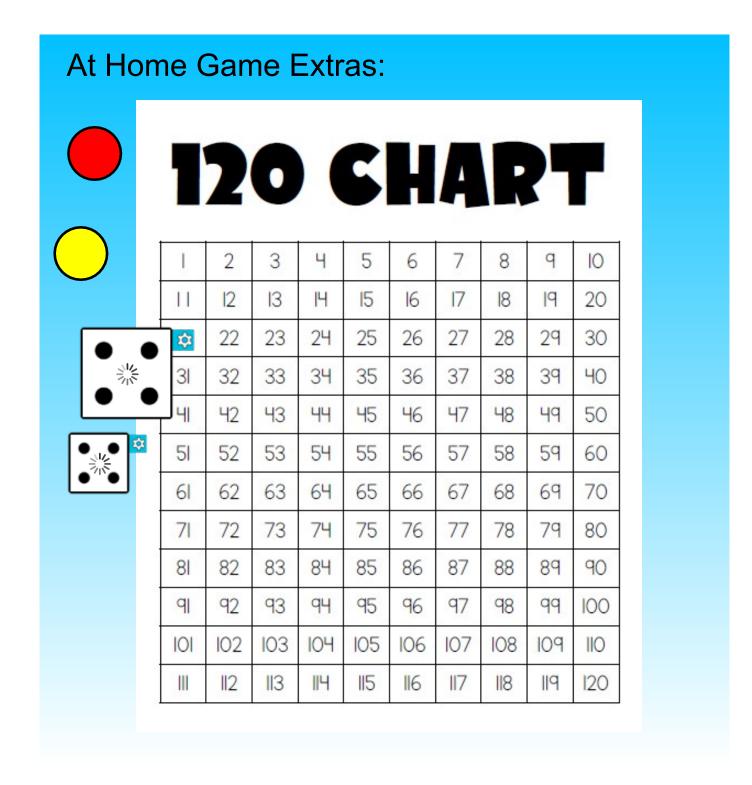
The winner takes all 4 cards.

 Play until time is up. The person with the most cards or the person with all the cards wins.



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Closing:



Abbott & Costello - 2 Classic Bits... \$28 and Loafing