



Kindergarten Math



1st Six Weeks

- Identify 2-D shapes – rectangle, circle, triangle & squares(special rectangles)
- Sort 2-D shapes by attributes
- Create 2-D shapes
- Identify 2-D shapes in real world
- Recognize instantly the quantity 1 – 5 (subitizing)
- Counting, reading, & writing 1-5
- Number bonds for 3 - 5

2nd Six Weeks

- Recognizing, reading, writing 0
- More practice with 0 - 5
- Recognizing same, fewer, & more
- Finding 1 more and 2 more
- Finding 1 fewer and 2 fewer
- Write 0-5 forward and backward
- Compare objects & numbers
- Introducing 5 frame & 10 frame
- Count, read, & write 6 - 10

3rd Six Weeks

- Comparing sets 6-10
- Comparing numbers 6 -10
- Number bonds for 6 - 10
- Finding 1 more and 2 more
- Finding 1 fewer and 2 fewer
- Ordering numbers 1-10
- Counting, reading & writing 11-20
- Comparing sets & numbers 1-20
- Finding 1 more and 1 less

4th Six Weeks

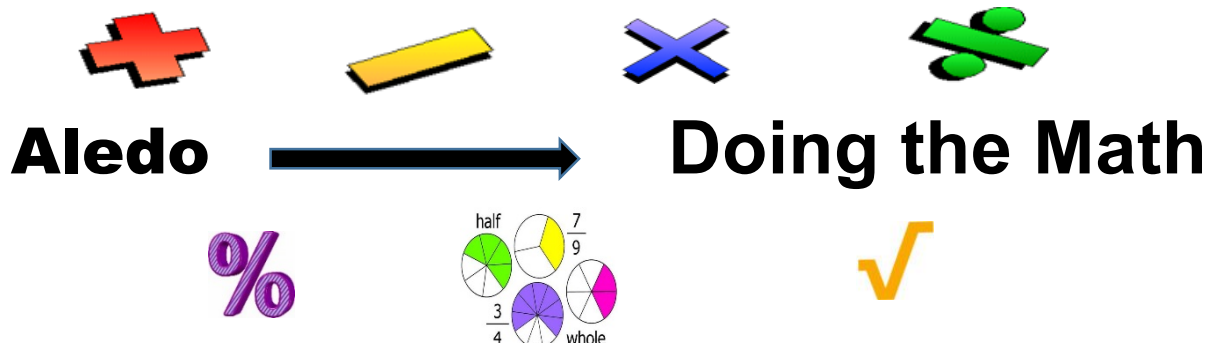
- Use joining to represent addition
- Use separating to represent subtraction
- Introduce plus and minus sign
- Find sums up to 10 & differences w/in 10
- Students explain strategies for addition & subtraction
- Recognize penny, nickel, dime, & quarter
- Introduce the value of coins

5th Six Weeks

- Related facts 4-10 (fact families)
- Write & solve add & sub. sentences
- Introduce strip diagram (part-part-whole)
- Sort & compare 3-D figures by attributes
- Identify 3-D solids:sphere, cone,cube, cylinder
- Identify 2-D sides of 3-D figures
- Compare length, height, capacity, weight
- Collecting, organizing & comparing data

6th Six Weeks

- Counting, writing, comparing 1-30
- Ordering numbers through 30
- Count to 100
- Introduce 100's chart – find patterns
- Count by 1's and 10's-start w/any number
- Number words to 100
- Ways to earn income
- List simple skills required for jobs
- Differentiate between income and gifts
- Distinguish between wants and needs



Kindergarten Strategies

Strip Diagram:
$$\frac{\text{whole}}{\text{part} \mid \text{part}}$$

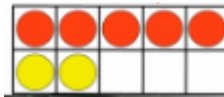
100's chart:

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Use fingers:



10 frame:
 $5 + 2 = \underline{\quad}$



Use manipulatives:



5 frame:

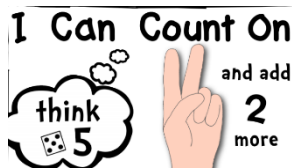


Draw a picture:



Counting on:

Start w/largest number.
Use 2nd number to count up



Number bonds:

All the combinations
that equal a number

7	
0	7
1	6
2	5
3	4
4	3
5	2
6	1
7	0