



# 1<sup>st</sup> Grade Math



## 1<sup>st</sup> Six Weeks

- Recognize instantly the quantity
- Understand Addition and Subtraction to 9
- Use strip diagrams – Part-Part-Whole
- Introduce number sentences
- Adding in any order
- Solving word problems
- Writing to explain

## 2<sup>nd</sup> Six Weeks

- Using 10 frames
- Compose 10 with 2 or more addends
- Find missing parts of 10
- Addition and Subtraction to 12
- Explain strategies to add and subtract
- Adding & Subtracting 0, 1, 2
- Doubles and near doubles
- Thinking addition to subtract
- Write a number sentence from a story

## 3<sup>rd</sup> Six Weeks

- Addition and Subtraction to 20
- Using doubles and near doubles
- Making 10 to add and subtract
- Explain addition and subtraction strategies
- Fact Families
- Writing math stories
- Adding 3 numbers
- Equal sign:  $8 = 5 + 3$  &  $2 + 7 = 5 + 4$

## 4<sup>th</sup> Six Weeks

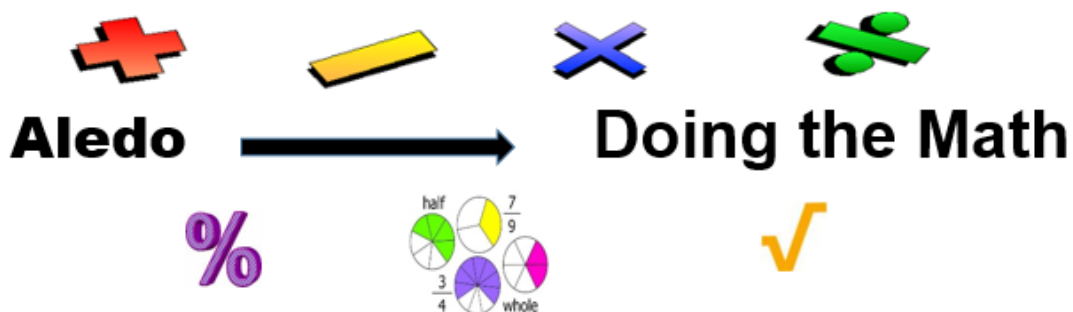
- Numbers to 120
- Counting forward & backward 120's chart
- Skip counting by 2's, 5's, and 10's
- Place Value w/ hundred's, ten's, and one's
- Adding 10's and 1's
- Compose & decompose in multiple ways  
Ex:  $46 = 4$  tens & 6 ones = 3 tens & 16 ones = 46 ones
- Finding a number 10 more & 10 less
- Finding numbers on a number line

## 5<sup>th</sup> Six Weeks

- Comparing numbers (  $<$ ,  $>$ ,  $=$  )
- Value of penny, nickel, dime, quarter
- Counting sets of coins
- Sort 2-D & 3-D shapes by attributes
- Identify 2-D shapes – rectangle, circle, triangle, hexagon, square, rhombus
- Create 2-D shapes by joining shapes
- Identify 3-D solids – sphere, cone, cube, cylinder, rectangular prism, triang prism
- Partition 2-D figure into 2 & 4 equal parts
- Identify ex/non-ex halves & fourths

## 6<sup>th</sup> Six Weeks

- Tell time to hr. &  $\frac{1}{2}$  hr. – analog & digital
- Measure & describe length
- Estimate length measurements
- Data from picture graphs & bar graphs
- Collect data using tally marks
- Money earned is income
- Differences in wants and needs
- Difference between spending & saving
- Giving money to charity



# 1<sup>st</sup> Grade Strategies

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

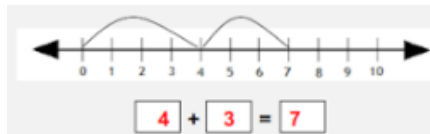
120's chart:

I - 120 Chart

I	2	3	4	5	6	7	8	9	10
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
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

$$34 + 10 = \underline{\quad}$$

Number line:

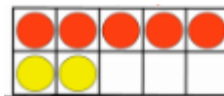


Use fingers:



10 frame:

$$5 + 2 = \underline{\quad}$$



Use manipulatives:

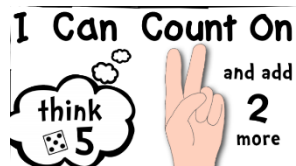


Make a 10:  $9 + 5 = 9 + (1 + 4) = (9 + 1) + 4 = 10 + 4 = 14$

Draw a picture:  $\star \star \star \star \star$   
 $3 + 2 = 5$

Counting on:

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



Use doubles facts:  $8 + 9 = ?$

Think:  $8 + 8 = 16$  then 1 more = 17

For more information and activities: [www.math4texas.com](http://www.math4texas.com)