



Manipulatives

(Italic numbers indicate optional use of a manipulative.)

Manipulative Name	Description	Used In Lesson
Alarm clock or timer		<i>53, 54</i>
Bags	(self closing)	<i>79</i>
Balls	(2 small)	<i>75</i>
Bar graph		113
Bread	lb. loaf	132, 137
Butter	lb	132, 137
Calendar	(picture)	<i>14, 15, 17, 23, 24, 28, 30, 39, 41, 45, 71, 72, 86, 101, 127, 129, 130, 143, 144, 154, 155</i>
Cardboard	(8" x 10")	<i>62</i>
Clock model	(large)	16, 17, 18, 19, 20, 21, 27, 28, 29, 42, 43, 44, 45, 56, 74, 75, 76, 86, 89, 90, <i>91, 118, 119, 120, 144, 145, 154, 155, 156</i>
Clock model	(small)	19, 20, 28, 30, 43, 45, 54, 55, 68, 69, 75, 76, 87, 118, 119, 120, 133, 145, 155, 156
Construction paper		<i>19, 39, 41, 43, 44, 67, 78, 83, 93, 105, 106, 121</i>
Counting chips		<i>5, 72, 73, 75, 76, 78, 102, 103, 110, 115, 117, 120, 131, 138, 139, 140, 150, 158</i>
Crayons		<i>2, 41, 52, 68, 71, 105, 113</i>
Egg carton		<i>75, 104</i>
Flannel board		<i>4, 10, 12, 13, 33, 35, 38, 39, 43, 49, 51, 53, 116, 157, 158</i>
Flannel board materials		<i>4, 10, 53, 59, 157, 158</i>

Manipulative Name	Description	Used In Lesson
Flash cards	addition facts 1-9	7, 9, 10, 11, 12
Flash cards	addition facts 1-18	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, 65, 73, 104, 118, 119, 122, 124, 127, 129, 132, 134, 136, 137, 139, 142, 144, 147, 149, 152, 154, 157, 159
Flash cards	days of the week	<i>40, 41, 71, 72, 86, 104, 105, 130, 143, 155</i>
Flash cards	= and ≠ symbols	13, 14, 18, 29, 31, 41, <i>42, 51, 52, 53, 67, 79, 80, 109, 133, 134, 159</i>
Flash cards	< and > symbols	7, 8, <i>10, 20, 21, 32, 43, 65, 77, 88, 114, 139, 160</i>
Flash cards	liquid measure	97, 98, 99, 119
Flash cards	minus sign	53, 63
Flash cards	months of the year	12, 13, <i>15, 27, 61, 62, 84, 85, 101, 127, 128, 141, 152, 153</i>
Flash cards	ordinal numbers	<i>2, 6, 58, 70, 92, 114, 156</i>
Flash cards	shapes	82, 83, 84, 93, 94, 95, 104, 105, 106, 115, 116, 117, 126, 127, 146, 147, 158
Flash cards	solids	108, 109, 110, <i>111, 121, 132, 133, 153</i>
Flash cards	subtraction 1-9	56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75
Flash cards	subtraction 1-18	76, 77, 78, 79, 80, 116, 117, 118, 121, 123, 126, 128, 131, 133, 136, 138, 141, 143, 146, 148, 151, 153, 156, 158
Flash cards	subtraction 10-18	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, 150
Flash cards	tally marks	<i>12, 18, 22, 24, 25, 66</i>
Flash cards	whole numbers	3, 6, 8, <i>12, 13, 25, 26, 28, 32, 53, 72, 77, 82</i>