

Year at a Glance – 4K

Math Curriculum Extensions				
6 weeks	CONCEPTS TO LEARN			MATERIALS
1	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Add and subtract objects • Use cardinal number to name set • Sequence numerals • Count forward 	<ul style="list-style-type: none"> • Instantly recognize set to 9 • Identify one more/one less/same • Make guesses and estimates • Develop number sense • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns 	<ul style="list-style-type: none"> • Days of the week • Months of the year • Duration • Recognize and count pennies • Predict outcomes • Place value using dollars 	Every Day Calendar Number Bear Joining Hand to Make 100 Make a Match Counting Tape
2	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Compare quantities • Order quantities • Add and subtract objects • Use cardinal number to name set • Sequence numerals • Count forward • Instantly recognize set to 9 	<ul style="list-style-type: none"> • Identify one more/one less/same • Make guesses and estimates • Develop number sense • Fraction concepts of half & whole • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns • Repeat sound and movement patterns • Identify color, size and shape patterns • Predict and extend patterns 	<ul style="list-style-type: none"> • Recognize patterns in real world • Use spatial position terms • Use spatial problem solving • Recognize shapes in real world • Days of the week • Months of the year • Recognize and count pennies • Predict outcomes • Place value using dollars 	Every Day Calendar Number Bear Joining Hand to Make 100 Make a Match Counting Tape Pick-a-Pocket
3	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Count by tens • Compare quantities • Order quantities • Concept of zero • Add and subtract objects • Use cardinal number to name set • Sequence numerals • Count forward • Identify numerals to 31 • Instantly recognize set to 9 	<ul style="list-style-type: none"> • Identify one more/one less/same • Make guesses and estimates • Develop number sense • Fraction concepts of half & whole • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns • Repeat sound and movement patterns • Identify color, size and shape patterns • Predict and extend patterns • Recognize patterns in real world • Recognize and name shapes • Describe shapes by attribute 	<ul style="list-style-type: none"> • Use spatial position terms • Use spatial problem solving • Recognize shapes in real world • Daytime, nighttime • Days of the week • Months of the year • Recognize and count pennies • Match objects that are alike • Describe similarities and differences • Sort objects by an attribute • Describe how objects were sorted • Place value using dollars 	Every Day Calendar Number Bear Joining Hand to Make 100 Make a Match Counting Tape Pick-a-Pocket Collect and Count
4	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Identify a pair as a group of two • Compare quantities • Order quantities • Concept of zero • Add and subtract objects • Use cardinal number to name set • Ordinal numbers to name order or position • Sequence numerals • Count forward • Identify numerals to 31 • Instantly recognize set to 9 	<ul style="list-style-type: none"> • Identify one more/one less/same • Make guesses and estimates • Develop number sense • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns • Repeat sound and movement patterns • Identify color, size and shape patterns • Predict and extend patterns • Create Patterns • Recognize and name shapes • Describe shapes by attribute • Use spatial position terms • Use spatial problem solving 	<ul style="list-style-type: none"> • Recognize shapes in real world • Follow directions with position words • Days of the week • Months of the year • Duration • Recognize and count pennies • Match objects that are alike • Describe similarities and differences • Sort objects by an attribute • Describe how objects were sorted • Create real graphs • Discuss/interpret data in graphs • Place value using dollars 	Every Day Calendar Number Bear Joining Hand to Make 100 Make a Match Counting Tape Pick-a-Pocket Collect and Count

5	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Compare quantities • Order quantities • Count on from a number • Add and subtract objects • Use cardinal number to name set • Ordinal numbers to name order or position • Sequence numerals • Count forward • Identify numerals to 31 • Instantly recognize set to 9 • Identify one more/one less/same • Make guesses and estimates 	<ul style="list-style-type: none"> • Develop number sense • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns • Repeat sound and movement patterns • Identify color, size and shape patterns • Predict and extend patterns • Create Patterns • Recognize patterns in real world • Recognize and name shapes • Describe shapes by attribute • Use spatial position terms • Use spatial problem solving • Recognize shapes in real world • Measure with nonstandard units 	<ul style="list-style-type: none"> • Compare and order by length and height • Compare weights of objects • Describe measurements comparatively • Estimate measurements • Days of the week • Months of the year • Match objects that are alike • Describe similarities and differences • Sort objects by an attribute • Describe how objects were sorted • Create real graphs • Compare data sets • Use objects to represent data • Discuss/interpret data in graphs • Predict outcomes 	<p>Every Day Calendar Number Bear Make a Match Counting Tape Pick-a-Pocket Collect and Count</p>
6	<ul style="list-style-type: none"> • One-to-one correspondence • Count by ones to 31 and 100 • Group objects by fives and tens • Count by tens • Compare quantities • Order quantities • Count on from a number • Add and subtract objects • Use cardinal number to name set • Ordinal numbers to name order or position • Sequence numerals • Count forward • Identify numerals to 31 • Instantly recognize set to 9 • Identify one more/one less/same • Make guesses and estimates 	<ul style="list-style-type: none"> • Develop number sense • Associate a numeral with a quantity • Begin to write numerals • Discover counting patterns • Identify color, size and shape patterns • Predict and extend patterns • Create Patterns • Recognize patterns in real world • Recognize and name shapes • Describe shapes by attribute • Use spatial position terms • Compare objects by size • Use spatial problem solving • Recognize shapes in real world • Follow directions with position words • Measure with nonstandard units 	<ul style="list-style-type: none"> • Explore capacity of containers • Compare weights of objects • Describe measurements comparatively • Estimate measurements • Days of the week • Months of the year • Match objects that are alike • Describe similarities and differences • Sort objects by an attribute • Describe how objects were sorted • Create real graphs • Compare data sets • Use objects to represent data • Discuss/interpret data in graphs • Predict outcomes 	<p>Every Day Calendar Number Bear Make a Match Counting Tape Pick-a-Pocket Collect and Count</p>