

North Palos School District 117

FIRST GRADE
MATH CURRICULUM MAPS

Month	Content	Skills
September		
		Introductory Skills
	<i>Number Sense</i>	*Calendar Activities
		Number words (zero-ten)
		Ordinal numbers
	<i>Algebra</i>	Sorting
		Patterning
	<i>Data Analysis</i>	Gather, organize, interpret data from pictographs, tallies, tables, bar graphs
		*Problem Solving: Relate to September skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	<i>Number Sense</i>	Number Awareness (0-10) (concept, order, recognition, formation)
	<i>Geometry</i>	Recognize 2D shapes (circle, square, triangle, rectangle, oval, diamond)

Month	Content	Skills
October		
		Introductory Skills
	Number Sense	*Calendar Activities
		Odd/even numbers
		Addition/subtraction (0-10)
		Greater than, Less than, Equal to (concept only)
		Number sentences (+) (-) 0-10
	Date Analysis	Graphing
		*Problem Solving: Relate to October skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Number Sense	Recognize/Writes numerals (0-25)
	Algebra	Patterning

* skills repeated monthly

Bolded = Mastered skills

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Month	Content	Skills
November		
		Introductory Skills
	Number Sense	*Calendar Activities
		Recognize/Writes numerals (0-50)
		Skip counting by 2's, 5's, 10's
		Addition/Subtraction strategies (0-12) (count on, count back, fact families, missing addends, doubles, adding 0, adding 1) (Mixed addition and subtraction)
	Data Analysis	Graphing
	Number Sense	Number sentences (+) 0-12
		Number sentences (-) 0-12
		*Problem Solving: Relate to November skills
		*Estimation
		*Vocabulary (attached)

Month	Content	Skills
December	December	
		Introductory Skills
	Number Sense	*Calendar activities
		Addition/subtraction facts (0-12) (Mixed addition and subtraction)
		Greater than, less than, equal to
	Data Analysis	Graphing
		*Problem Solving: Relate to December skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Number Sense	Recognize/Writes numerals (0-50)

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Month	Content	Skills
January		
		Introductory Skills
	Number Sense	*Calendar activities
		Recognize/Writes numerals (0-75)
		Addition/subtraction facts (0-12) (Mixed addition and subtraction)
		Greater than, less than, equal to
	Measurement	Place Value (tens/ones)
		Temperature
	Geometry	Properties of plane/solid geometric shapes
		Symmetry
		Graphing
	Data Analysis	*Problem solving: Relate to January skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Geometry	Recognize 3D shapes (rectangular prism, cone, pyramid, cube, sphere, cylinder)
	Measurement	Time (hour/half hour)

Month	Content	Skills
February	February	
		Introductory Skills
	Number Sense	Calendar activities
		Recognize/Writes numerals (0-100)
		Addition/subtraction facts (0-12) (Mixed addition and subtraction)
		Greater than, less than, equal to
	Measurement	Money (penny, nickel, dime, values to 50c)
		Graphing
	Data Analysis	*Problem solving: Relate to February skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Number Sense	Place value (tens/ones)

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Month	Content	Skills
March	March	
		Introductory Skills
	Number Sense	*Calendar activities
		Addition/subtraction facts (0-12) (Mixed addition and subtraction)
		<, >, = (signs)
	Data Analysis	Graphing
		*Problem Solving: Relate to March skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Measurement	Counting money values to 50c
	Number Sense	Recognize/Writes numerals (0-75)

Month	Content	Skills
April		
		Introductory Skills
	Number Sense	*Calendar activities
		Addition/subtraction facts (0-18) (Mixed addition and subtraction)
		2 digit addition without regrouping
		2 digit subtraction without regrouping
		*Problem solving: Relate to April skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Measurement	Nonstandard measurement (length, weight, capacity)
		Standard measurement (inches, centimeters)
	Number Sense	Fractions (1/2, 1/3, 1/4)

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Month	Content	Skills
May/June		
		Introductory Skills
	Number Sense	*Calendar activities
		Addition/subtraction facts (13-18) (Mixed addition and subtraction)
		3 addends-addition
		2 digit addition/subtraction without regrouping
		Calculator (use for counting patterns)
		*Problem solving: Relate to May skills
		*Estimation
		*Vocabulary (attached)
		Mastery Skills
	Number Sense	Addition strategies/facts (0-12)
		Subtraction strategies/facts (0-12)
		Recognize/Writes numerals (0-100)
		Review all first grade mastery skills