Mathletics
Florida Program of Studies
Activities

Grades K-2

September 2023

Mathletics

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Florida Program of Studies
Classic Courses
September 2023

Kindergarten

Number Sense and Operations

MA.K.NSO.1	
Develop an understanding for counting using objects in a set.	
Course Topic	**Activities Title**
NSO – Counting	Count to 5
	Dot Display
	Matching Numbers to 10
	Matching Numbers to 20
	Concept of zero
	How Many?
	Ordinal Numbers
	Picture Graphs: More or Less
	More, Less or the Same to 10
	More, Less or the Same to 20
	Before, After and Between to 20

MA.K.NSO.2	
Recite number names sequentially within 100 and develop an understanding for place value.	
Course Topic	**Activities Title**
NSO - Place Value	Order Numbers to 10
	Order Numbers to 20
	How Many Dots?
	1 to 30
	Reading Numbers to 30
	Count by Tens
	Counting Forward
	Counting Backward
	Going Up
	Going Down
	Making Teen Numbers
	Counting up to 20
	Counting Back Within 20
	Make Numbers Count

MA.K.NSO.3	
Develop an understanding of addition and subtraction operations with onedigit whole numbers.	
Course Topic	**Activities Title**
NSO- Addition and subtraction	Adding to 5
	Subtracting from 5
	Adding to Ten

	All about Ten
	Subtracting from Ten
	Model Addition
	Model Subtraction

Algebraic Reasoning

MA.K.AR.1	
Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.	
Course Topic	**Activities Title**
AR- Using related facts	Adding to make 5 and 10
	Adding to 10 Word Problems
	Balance Numbers to 10
	Doubles and Halves to 10
	Add and subtract using graphs

MA.K.AR.2	
Develop an understanding of the equal sign.	
Course Topic	**Activities Title**
Teacher directed	Teacher directed

Measurement

MA.K.M.1	
Identify and compare measurable attributes of objects.	
Course Topic	**Activities Title**
M- Measurement	Compare Length
	Everyday Length
	Measuring Length with Blocks
	Everyday Mass
	Balancing Act
	How Full?
	Which Holds More?

Geometric Reasoning

MA.K.GR.1	
Identify, compare and compose two- and three-dimensional figures.	
Course Topic	**Activities Title**
GR – Shape	Where is it?
	Left or Right?
	Collect the Shapes
	Collect Simple Shapes
	Match the Solid 1
	Count Sides and Corners
	How many Edges?
	Relate Shapes and Solids

Data Analysis and Probability

MA.K.DP.1	
Develop an understanding for collecting, representing and comparing data.	
Course Topic	**Activities Title**
DP – Data	Sort It
	Same and Different
	Picture Graphs: Who has the Goods?

Grade 1

Number Sense and Operations

MA.1.NSO.1	
Extend counting sequences and understand the place value of two-digit numbers.	
Course Topic	**Activities Title**
NSO - Place Value	Matching Numbers to 10
	Making Teen Numbers
	Matching Numbers to 20
	Compare Numbers to 20
	Before, After and Between to 20
	Reading Numbers to 30
	Compare Numbers to 50
	Place value 1
	Make Numbers Count
	Numberline Order
	Arranging Numbers
	Before, After & Between to 100
	Greater or Less to 100
	1 More, 10 Less
	Going Up
	Going Down
	Count by Fives
	Counting by Fives

MA.1.NSO.2	
Develop an understanding of addition and subtraction operations with one- and two-digit numbers.	
Course Topic	**Activities Title**
NSO - Addition and Subtraction	Adding to Ten
	All about Ten
	Subtracting from Ten
	Adding to Make 5 and 10
	Composing Numbers to 10
	Addictive Addition
	Addition Facts
	Composing Additions to 20
	Adding In Any Order
	Subtraction Facts to 18
	Subtracting from 20
	Simple Subtraction
	Composing Numbers to 20
	Missing Numbers
	Doubles and Near Doubles
	Columns that Add

Fractions

MA.1.FR.1	
Develop an understanding of fractions by partitioning shapes into halves and fourths.	
Course Topic	**Activities Title**
FR - Understanding Fractions	Halves
	Halves and Quarters

Algebraic Reasoning

MA.1.AR.1	
Solve addition problems with sums between 0 and 20 and subtraction problems using related facts.	
Course Topic	**Activities Title**
AR - Solving problems	Related Facts 1
	Fact Families: Add and Subtract
	Add Three 1-Digit Numbers
	Add 3 Numbers Using Bonds to 10
	Add and Subtract Problems
	Adding to 10 Word Problems
	Problems: Add and Subtract 1

Measurement

MA.1.M.2	
Tell time and identify the value of coins and combinations of coins and dollar bills.	
Course Topic	**Activities Title**
M - Time	Hour Times
	Half Hour Times
	Tell Time to the Half Hour
	Set Time to the Hour (UK)
M - Units of measurement and tools	Count Money (USD)
	Pennies, Nickels, and Dimes

MA.1.M.1	
Compare and measure the length of objects.	
Course Topic	**Activities Title**
M - Units of measurement and tools	How Long Is That (Customary)?
	How Long is That?
	Comparing Length
	Everyday Length

Geometric Reasoning

MA.1. GR.1	
Identify and analyze two- and three-dimensional figures based on their defining attributes.	
Course Topic	**Activities Title**
GR - Shapes	Collect Simple Shapes
	Count Sides and Corners
	How many Edges?
	Match the Solid 2

Data Analysis and Probability

MA.1.DP.1	
Collect, represent and interpret data using pictographs and tally marks.	
Course Topic	**Activities Title**
DP - Statistical data	Pictographs
	Who has the Goods?
	Tallies

Grade 2

Number Sense and Operations

MA.2.NSO.1
Understand the place value of three-digit numbers.

Course Topic	Activities Title
NSO - Place Value	Place Value Partitioning
	Model Numbers
	Understanding Place Value 1
	Place value 2
	Repartition Two-digit Numbers
	Before, After & Between to 100
	Greater or Less to 100
	Which Is Greater?
	Which Is Less?
	Ascending Order
	Descending Order
	Compare Numbers to 50
	Compare Numbers to 100
	Smallest and Largest Numbers
	Nearest Ten?

MA.2.NSO.2
Add and subtract two- and three-digit whole numbers.

Course Topic	Activities Title
NSO - Addition and Subtraction 1	Addition
	Subtracting from 20
	All about Twenty
	Composing Additions to 20
	Complements to 10, 20, 50
	Complements to 50 and 100
	Magic Mental Addition
	Add Two 2-Digit Numbers
	Add Two 2-Digit Numbers: Regroup
	Mental Subtraction
	Subtract Tens
	Decompose Numbers to Subtract
	2-Digit Differences
	2-Digit Differences: Regroup
	Columns that Add
	Add 3 Numbers: Bonds to Multiples of 10
	Add 3-Digit Numbers
	Add 3-Digit Numbers: Regroup
	Strategies for Column Addition

	Add 3 Numbers: Bonds to 100
	3-Digit Differences
	3-Digit Differences with Zeros
	3-Digit Differences: 1 Regrouping
	3-Digit Differences: 2 Regroupings
	Columns that Subtract
	Jump Add and Subtract
	Split Add and Subtract
	Compensation - Add
	Compensation - Subtract

Fractions

MA.2.FR.1		
Develop an understanding of fractions.		
Course Topic	**Activities Title**	
FR - Understanding Fractions	Shade Fractions	
	Halves	
	Halves and Quarters	

Algebraic Reasoning

MA.2.AR.3	
Develop an understanding of multiplication.	
Course Topic	**Activities Title**
AR - Patterns	Groups of Two
	Groups of Three
	Groups of Four
	Groups of Five
	Groups

MA.2.AR.2	
Demonstrate an understanding of equality and addition and subtraction.	
Course Topic	**Activities Title**
AR - Solving problems	Missing Values

MA.2.AR.1	
MA.2.AR.1 Solve addition problems with sums between 0 and 100 and related subtraction problems.	
Course Topic	**Activities Title**
AR - Solving problems	Problems: Add and Subtract
	Bar model problems 1
	Add and Subtract Problems
	Related Facts 1
	Problems: Addition and Subtraction
	Partition Puzzles 1
	Bar Model Problems 2

Measurement

MA.2.M.2	
Tell time and solve problems involving money	
Course Topic	**Activities Title**
M - Time	Tell Time to the Hour
	Set Time to the Hour
	Tell Time to the Half Hour
	Set Time to the Half Hour
	Five Minute Times
M - Units of measurement and tools	Using Fewest Coins to Make an Amount
	How much Change?

MA.2.M.1	
Measure the length of objects and solve problems involving length.	
Course Topic	**Activities Title**
M - Units of measurement and tools	Compare Length
	Compare Length 1
	Measuring Length
	How Long Is That (Customary)?
	Measure to the Nearest Half Inch
	Inches, Feet, Yards

Geometric Reasoning

MA.2.GR.1	
Identify and analyze two-dimensional figures and identify lines of symmetry.	
Course Topic	**Activities Title**
GR - Shapes	Collect the Polygons
	How many Corners?
	Collect Simple Shapes
	Symmetry
	Symmetry or Not?

Data Analysis and Probability

MA.2.DP.1	
Collect, categorize, represent and interpret data using appropriate titles, labels and units.	
Course Topic	**Activities Title**
DP - Statistical data	Tallies
	Making Graphs
	Picture Graphs: single-unit scale
	Read Graphs
	Sorting Data
	Bar Graphs 1

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For more information about Mathletics,
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