

# Mathletics

## Florida's Benchmarks for Excellent Student Thinking

### Activities (Courses) and Skill Quests



**Grades K-2**

April, 2026

**Mathletics**

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Florida's Benchmarks for Excellent Student Thinking

Activities (Courses) & Skill Quests

April, 2026

<b>Kindergarten .....</b>	<b>3</b>
Number Sense and Operations .....	3
Algebraic Reasoning .....	4
Measurement .....	4
Geometric Reasoning .....	4
Data Analysis and Probability .....	5
<b>Grade 1.....</b>	<b>6</b>
Number Sense and Operations .....	6
Fractions .....	7
Algebraic Reasoning .....	7
Measurement .....	8
Geometric Reasoning .....	8
Data Analysis and Probability .....	9
<b>Grade 2.....</b>	<b>10</b>
Number Sense and Operations .....	10
Fractions .....	11
Algebraic Reasoning .....	11
Measurement .....	12
Geometric Reasoning .....	13
Data Analysis and Probability .....	13

# Kindergarten

## Number Sense and Operations

### MA.K.NSO.1

Develop an understanding for counting using objects in a set.

#### Activities

##### Counting

- Count to 5
- Dot Display
- How Many Dots?
- Matching Numbers to 10
- Matching Numbers to 20
- Concept of Zero
- How Many?
- Ordinal Numbers
- Picture Graphs: More or Fewer
- More, Less or the Same to 10
- More, Less or the Same to 20

##### Place Value

- Make Numbers Count

### MA.K.NSO.2

Recite number names sequentially within 100 and develop an understanding for place value.

#### Activities

##### Place Value

- Order Numbers to 10
- Order Numbers to 20
- Before, After and Between to 20
- 1 to 30
- Count by Tens
- Counting Forwards
- Going Up
- Making Teen Numbers
- Counting Up to 20
- Counting Back Within 20

### MA.K.NSO.3

Develop an understanding of addition and subtraction operations with one digit whole numbers.

#### Activities

##### Addition and subtraction

- Adding to 5
- Subtracting From 5
- Adding to Ten
- All about Ten
- Subtracting from Ten
- Model Addition
- Model Subtraction
- Doubles and Halves to 10

## Algebraic Reasoning

### MA.K.AR.1

Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.

#### Activities

##### Using related facts

Adding to Make 5 and 10

Adding to 10 Word Problems

Add and Subtract Using Graphs

### MA.K.AR.2

Develop an understanding of the equal sign.

#### Activities

##### Using related facts

Composing Numbers to 10

## Measurement

### MA.K.M.1

Identify and compare measurable attributes of objects.

#### Activities

##### Measurement

Compare Length

Matching Numbers to 10

Measuring Length with Blocks

Everyday Mass

How Full?

Which Holds More?

## Geometric Reasoning

### MA.K.GR.1

Identify, compare and compose two- and three-dimensional figures.

#### Activities

##### 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.

#### Activities

##### 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.

#### Activities

<b>Place Value</b>	Matching Numbers to 10
	Matching Numbers to 20
	Compare Numbers to 20
	Reading Numbers to 30
	Compare Numbers to 50
	Place Value 1
	Number Line Order
	Arranging Numbers
	Greater or Less to 100
<b>Counting</b>	Going Up
	Going Down
	Before, After & Between to 100
	Before, After and Between to 20
	Count by Fives
	Counting by Fives
<b> Skill Quests</b>	
<b>Count within 120</b>	Counting within 120 by ones
	Skip counting by 2s
	Skip counting by 5s
<b>Read &amp; write numbers to 100</b>	Reading & writing numbers to 100
<b>Compose &amp; decompose 2-digit numbers</b>	Composing & decomposing 2-digit numbers
<b>Plot, order and compare whole numbers up to 100.</b>	Compare & order numbers to 100

### MA.1.NSO.2

Develop an understanding of addition and subtraction operations with one- and two-digit numbers.

#### Activities

<b>Addition and Subtraction</b>	Adding to Ten
	All about Ten
	Subtracting from Ten
	Adding to Make 5 and 10
	Composing Numbers to 10
	Addition
	Addition Facts
	Composing Additions to 20
	Adding In Any Order
	Subtraction Facts to 18
	Subtracting from 20
	Simple Subtraction

	Composing Numbers to 20
	Doubles and Near Doubles
	Columns that Add
<b>Solving problems</b>	Related Facts 1
	Fact Families: Add and Subtract
<b>Place Value</b>	1 More, 10 Less
<b>👑 Skill Quests</b>	
<b>Addition &amp; subtraction facts to 10</b>	Adding & subtracting facts to 10
<b>Addition &amp; subtraction to 20</b>	Adding & subtracting with models
	Adding doubles
<b>More or less to 100</b>	One more, one less, ten more, ten less
<b>Add a 2-digit &amp; 1-digit number</b>	Adding a 2-digit & 1-digit number
<b>Subtract 1-digit from 2-digit</b>	Subtracting a 1-digit number from a 2-digit number

## Fractions

<b>MA.1.FR.1</b>	
Develop an understanding of fractions by partitioning shapes into halves and fourths.	
<b>☰ Activities</b>	
<b>Understanding Fractions</b>	Halves
	Halves and Quarters
<b>👑 Skill Quests</b>	
<b>Halves &amp; fourths</b>	Halves & fourths

## Algebraic Reasoning

<b>MA.1.AR.1</b>	
Solve addition problems with sums between 0 and 20 and subtraction problems using related facts.	
<b>☰ Activities</b>	
<b>Solving problems</b>	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
<b>👑 Skill Quests</b>	
<b>Add 3 single-digit numbers</b>	Adding 3 single-digit numbers
<b>Addition &amp; subtraction problems</b>	Adding & subtracting problems

<b>MA.1.AR.2</b>	
Develop an understanding of the relationship between addition and subtraction.	
<b>☰ Activities</b>	
<b>Solving problems</b>	Missing Numbers
	Related Facts 1
	Fact Families: Add and Subtract

Skill Quests	
Subtraction as missing addend	Subtraction as missing addend
Equality, addition & subtraction	Equality, addition & subtraction
Missing number, addition & subtraction	Missing number, addition & subtraction

## Measurement

MA.1.M.1	
Compare and measure the length of objects.	
Activities	
Units of measurement and tools	How Long Is That (Customary)?
	How Long is That?
	Comparing Length
Skill Quests	
Measure length	Measuring length
Compare & order length	Comparing & ordering length

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

## Geometric Reasoning

MA.1.GR.1	
Identify and analyze two- and three-dimensional figures based on their defining attributes.	
Activities	
Shapes	Collect Simple Shapes
	Count Sides and Corners
	How many Edges?
Skill Quests	
Compare & sort figures	Comparing 2-D figures
	Sorting 3-D figures
	Faces, edges, vertices & surfaces
Compose & decompose figures	Composing & decomposing 2-D figures
	Composing & decomposing 3-D figures

## Data Analysis and Probability

### MA.1.DP.1

Collect, represent and interpret data using pictographs and tally marks.

#### Activities

##### Statistical data

Pictographs

Comparing Groups of Objects

Tallies

#### Skill Quests

##### Represent data

Representing data in a tally chart

##### Interpret data

Interpreting data

# Grade 2

## Number Sense and Operations

### MA.2.NSO.1

Extend counting sequences and understand the place value of two-digit numbers.

#### Activities

<b>Place Value</b>	Place Value Partitioning
	Model Numbers
	Understanding Place Value 1
	Place Value 2
	Nearest 10?
<b>Skill Quests</b>	
<b>Read &amp; write numbers to 1,000</b>	Reading & writing numbers to 1,000
<b>Compose &amp; decompose numbers</b>	Composing & decomposing numbers
<b>Compare &amp; order numbers to 1,000</b>	Comparing numbers to 1,000
	Ordering numbers to 1,000
<b>Round numbers to the nearest 10</b>	Rounding numbers to the nearest 10

### MA.2.NSO.2

Add and subtract two- and three-digit whole numbers.

#### Activities

<b>Addition and Subtraction 1</b>	Addition
	Subtracting from 20
	All about Twenty
	Composing additions to 20
	Complements to 10, 20, 50
	Complements to 50 and 100
	Mental Addition
	Add Two 2-Digit Numbers
	Add Two 2-Digit Numbers: Regroup
	Mental Subtraction
	Subtract Tens
	Decompose numbers to subtract
	2-Digit Differences: Exchanging (UK)
	2-Digit Differences: Regroup
	Columns that Add
Add 3 Numbers: Bonds to Multiples of 10	
<b>Addition and Subtraction 2</b>	Columns that Subtract
	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
	Jump Add and Subtract
	Split Add and Subtract
	Compensation - Add
	Compensation - Subtract
<b>👑 Skill Quests</b>	
<b>Addition &amp; subtraction facts to 20</b>	Adding & subtracting facts to 20
<b>More or less to 1,000</b>	10 more, 10 less, 100 more, 100 less
<b>Add &amp; subtract within 100</b>	Adding within 100
	Subtracting within 100
<b>Add &amp; subtract within 1,000</b>	Adding within 1,000
	Subtracting within 1,000

## Fractions



<b>MA.2.FR.1</b>	
Develop an understanding of fractions.	
<b>☰ Activities</b>	
<b>Understanding Fractions</b>	Shade Fractions
	Halves
	Halves and Quarters
<b>👑 Skill Quests</b>	
<b>Halves &amp; fourths</b>	Halves & fourths

## Algebraic Reasoning



<b>MA.2.AR.1</b>	
Solve addition problems with sums between 0 and 100 and related subtraction problems.	
<b>☰ Activities</b>	
<b>Solving problems</b>	Problems: Add and Subtract
	Bar Model Problems 1
	Add and Subtract Problems
	Problems: Addition and Subtraction
	Bar Model Problems 2
<b>👑 Skill Quests</b>	
<b>Addition &amp; subtraction problems</b>	Adding & subtracting problems



<b>MA.2.AR.2</b>	
Demonstrate an understanding of equality and addition and subtraction.	
<b>☰ Activities</b>	
<b>Solving problems</b>	Missing Values
<b>Addition and Subtraction 1</b>	Composing additions to 20
<b>👑 Skill Quests</b>	

Equality, addition & subtraction	Equality, addition & subtraction
Find the missing number	Finding the missing number

<b>MA.2.AR.3</b> Develop an understanding of multiplication.	
 <b>Activities</b>	
<b>Patterns</b>	Groups of Two
	Groups of Three
	Groups of Four
	Groups of Five
	Groups
 <b>Skill Quests</b>	
<b>Even &amp; odd numbers</b>	Even & odd numbers
<b>Use repeated addition</b>	Use repeated addition

## Measurement

<b>MA.2.M.1</b> Measure the length of objects and solve problems involving length.	
 <b>Activities</b>	
<b>Units of measurement and tools</b>	How Long Is That (Customary)?
	Inches, Feet, Yards
 <b>Skill Quests</b>	
<b>Measure length</b>	Measuring in centimeters
	Understanding meters
<b>Measurement problems, add &amp; subtract</b>	Measurement problems, add & subtract

<b>MA.2.M.2</b> Tell time and solve problems involving money.	
 <b>Activities</b>	
<b>Time</b>	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
<b>Units of measurement and tools</b>	Choosing the Fewest Coins (USD)
	How much Change?
 <b>Skill Quests</b>	
<b>Tell time</b>	Telling time to the quarter hour
	Telling time to the nearest five minutes
<b>Money problems</b>	Money problems

## Geometric Reasoning

### MA.2.GR.1

Identify and analyze two-dimensional figures and identify lines of symmetry.

#### Activities

<b>Shapes and Perimeter</b>	Collect the Polygons
	How many Corners?
	Count Sides and Corners
	Collect Simple Shapes
	Symmetry
	Symmetry or Not?

#### Skill Quets

<b>Identify 2-D figures</b>	Identifying 2-D figures
<b>Sort 2-D figures</b>	Sorting 2-D figures
<b>Lines of symmetry</b>	Lines of symmetry

### MA.2.GR.2

Describe perimeter and find the perimeter of polygons.

#### Activities

<b>Shapes and Perimeter</b>	Perimeter of Shapes
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#### Skill Quets

<b>Perimeter on a geoboard</b>	Perimeter on a geoboard
<b>Perimeter of polygons</b>	Perimeter of polygons

## Data Analysis and Probability

### MA.2.DP.1

Collect, categorize, represent and interpret data using appropriate titles, labels and units.

#### Activities

<b>Statistical data</b>	Tallies
	Making Picture Graphs: With Scale
	Picture Graphs: single-unit scale
	Read Graphs
	Analyzing Data
	Bar Graphs 1

#### Skill Quets

<b>Represent data</b>	Representing data in a tally chart
	Representing data in a bar chart
<b>Interpret data</b>	Interpreting data in a pictograph
	Interpreting data in a bar chart



For more information about Mathletics,  
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