

Mathletics

Florida's Benchmarks for Excellent Student Thinking

Activities (Courses) and Skill Quests



Grades 3-6

April, 2026

Mathletics

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Activities (Courses) & Skill Quests

April, 2026

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Grade 3

Number Sense and Operations

MA.3.NSO.1

Understand the place value of four-digit numbers.

Activities

Place Value

- Place Value to Thousands
- Expanding Numbers
- Understanding Place Value 2
- Smallest and largest numbers
- Ascending Order
- Descending Order
- Nearest Ten?
- Nearest Hundred?
- Understanding Place Value 3

Skill Quests

Read & write numbers to 10,000	Reading & writing numbers to 10,000
Compose & decompose numbers	Composing & decomposing numbers
Compare & order numbers to 10,000	Comparing & ordering numbers to 10,000
Round numbers to the nearest 10 or 100	Rounding numbers to the nearest 10 or 100

MA.3.NSO.2

Add and subtract multi-digit whole numbers. Build an understanding of multiplication and division operations.


Activities

Addition and Subtraction


- Add 3-Digit Numbers
- Add 3-Digit Numbers: Regroup
- Add Multi-Digit Numbers 1
- Column Subtraction
- 3-Digit Differences
- 3-Digit Differences: 1 Regrouping
- 3-Digit Differences: 2 Regroupings
- Adding Colossal Columns

Multiplication and Division 1

- Times Tables
- Groups of Two
- Groups of Three
- Groups of Four
- Groups of Five
- Groups of Six
- Groups of Seven
- Groups of Eight
- Groups of Nine
- Groups of Ten
- Arrays 1
- Multiplication Arrays

	Frog Jump Multiplication
	Multiply Multiples of 10
Multiplication and Division 2	Dividing Threes
	Dividing Fours
	Dividing Fives
	Dividing Sixes
	Dividing Sevens
	Dividing Eights
	Dividing Nines
	Dividing Tens
	Divide Into Equal Groups
	Problems: Times and Divide
	Solving Problems
Fact Families: Multiply and Divide	
 Skill Quests	
Add & subtract multi-digit numbers	Addition strategies
	Addition algorithm
	Subtraction strategies
	Subtraction algorithm
Explore multiplication & division	Exploring multiplying by 2
	Exploring multiplying by 5
	Exploring multiplying by 10
	Exploring multiplying by 3
	Exploring multiplying by 4
	Exploring multiplying by 6
	Exploring multiplying by 8
	Exploring multiplying by 9
	Relating multiplication & division
Multiply by a multiple of 10 or 100	Multiplying by a multiple of 10
	Multiplying by a multiple of 100
Multiplication & division facts	Multiplication & division facts for 2
	Multiplication & division facts for 3
	Multiplication & division facts for 4
	Multiplication & division facts for 5
	Multiplication & division facts for 6
	Multiplication & division facts for 7
	Multiplication & division facts for 9
	Multiplication & division facts for 9
	Multiplication & division facts for 10

Fractions

MA.3.FR.1	
Understand fractions as numbers and represent fractions.	
 Activities	
Represent and Interpret Fractions	Fractions of a Collection
	What Fraction Is Shaded 1
	Model Fractions

	Identifying Fractions Beyond 1
	Part-Whole Rods 2
👑 Skill Quests	
Unit fractions	Unit fractions
	Proper & improper fractions
	Representing whole numbers
	Adding unit fractions to represent fractions

MA.3.FR.2	
Order and compare fractions and identify equivalent fractions.	
☰ Activities	
Comparing Fractions	Compare Fractions 1a
	Comparing Fractions 1
	Compare Fractions 1b
	Equivalent Fraction Wall 1
	Equivalent Fraction Wall 2
	Shading Equivalent Fractions
👑 Skill Quests	
Compare & order fractions	Comparing & ordering fractions, same denominator
	Comparing & ordering fractions, same numerator
Equivalent fractions	Equivalent fractions

Algebraic Reasoning

MA.3.AR.1	
Solve multiplication and division problems.	
☰ Activities	
Solving Problems	Problems: Multiply and Divide
	Fact Families: Multiply and Divide
	Multiplication Turn-Abouts
	Related Facts 2
👑 Skill Quests	
Multiply 2-digits by 1-digit	Multiplying 2-digits by 1-digit
Problems with the four operations	Addition & subtraction problems
	Multiplication problems

MA.3.AR.2	
Develop an understanding of equality and multiplication and division.	
☰ Activities	
Solving Problems	Find the Missing Number 1
👑 Skill Quests	
Understand division as a missing factor	Understanding division as a missing factor
Unknown number, multiplication/division	Unknown number, multiplication/division

MA.3.AR.3

Identify numerical patterns, including multiplicative patterns.

Activities

Patterns

Odd or Even

Odd and Even Numbers 1

Multiples of

Increasing Patterns

Decreasing Patterns

Skill Quests

Even & odd numbers

Even & odd numbers

Multiples

Multiples

Patterns

Addition & subtraction patterns

Multiplication patterns

Measurement

MA.3.M.1

Measure attributes of objects and solve problems involving measurement.

Activities

Units of Measurement and Tools

Which Measuring Tool?

Filling Fast!

Using a Litre

Cups, Pints, Quarts, Gallons

How Long Is That (Customary)?

Which Unit of Measurement?

Inches, Feet, Yards

How Heavy?

Everyday Mass

Mass Word Problems

What's the Temperature (Celsius)?

Skill Quests

Measure length, volume & temperature

Measuring length

Measuring the volume of liquid

Measuring temperature (Celsius)

Measurement problems

Length problems

Temperature problems (Celsius)

Mass problems

Liquid volume problems

MA.3.M.2

Tell and write time and solve problems involving time.

Activities

Time

What is the Time?

Quarter To and Quarter Past

Five Minute Times

	Elapsed Time
	What Time Will it Be?
	Time Mentals
👑 Skill Quests	
Tell time	Telling time

Geometric Reasoning

MA.3.GR.1	
Describe and identify relationships between lines and classify quadrilaterals.	
☰ Activities	
Shapes	What Line am I?
	Collect the Shapes 2
	Symmetry or Not?
👑 Skill Quests	
Identify lines	Parallel lines
	Identifying lines in shapes
	Points, lines & line segments
Identify quadrilaterals	Identifying quadrilaterals
Lines of symmetry	Lines of symmetry

MA.3.GR.2	
Solve problems involving the perimeter and area of rectangles.	
☰ Activities	
Perimeter and Area	Perimeter
	Equal Areas
	Bigger or Smaller Shape
	Calculate Area of Shapes (inches, feet, yards)
	Area of Squares and Rectangles
	Perimeter of Squares and Rectangles
	Perimeter Detectives 1
👑 Skill Quests	
Area of rectangles, count squares	Area of rectangles, counting squares
Area of rectangles, multiplication	Area of rectangles, multiplication
Perimeter & area of rectangles, problems	Perimeter of rectangles, word problems
	Area of rectangles, word problems
Perimeter & area of composite figures	Perimeter of composite figures
	Area of composite figures

Data Analysis and Probability

MA.3.DP.1	
Collect, represent and interpret numerical and categorical data.	
☰ Activities	
Statistical Data	Picture Graphs: with scale & half symbols

	Bar Graphs 2
👑 Skill Quests	
Represent data	Representing data in a table
	Representing data in a scaled bar graph
	Representing data in a line plot
Interpret data	Interpreting data in a table
	Interpreting data in a scaled pictograph
	Interpreting data in a scaled bar graph
	Interpreting data in a line plot

Grade 4

Number Sense and Operations

MA.4.NSO.1

Understand place value for multi-digit numbers.

Activities

Place Value

Understanding Place Value 3

Numbers in Words

Expanded Notation

Numbers from Words to Digits 1

Numbers from Words to Digits 2

Place Value 1 ($\times 10$ and $\div 10$)

Place Value 2 ($\times 10$ and $\div 10$)

Nearest Hundred?

Nearest Thousand?

Rounding Numbers

Decimal Place Value

Decimals on the Number Line

Decimal Order 1

Comparing Decimals 1

Comparing Decimals 2

Skill Quests

Understand place value relationships

Understanding place value relationships

Read & write numbers to 1,000,000

Reading & writing numbers to 1,000,000

Compare & order numbers to 1,000,000

Comparing numbers to 1,000,000

Ordering numbers to 1,000,000

Round numbers to 10,000

Rounding numbers to 10,000

Understand, compare & order decimals

Understanding tenths & hundredths

Comparing & ordering decimals

MA.4.NSO.2

Build an understanding of operations with multi-digit numbers including decimals.

Activities

Operations

Division Facts to Twelve

Division Facts 1

Multiply: 1-Digit Number

Multiply: 1-Digit Number, Regroup

Multiply 2 Digits Area Model

Mental Methods Multiplication 2

Long Multiplication

Divide: 1-Digit Divisor 1

Divide: 1-Digit Divisor 2

Remainders by Arrays

Remainders by Tables

Estimate Quotients

	Estimate Products
	Add Decimals 1
	Subtract Decimals 1
👑 Skill Quests	
Multiplication & division facts	Multiplication & division facts for 2
	Multiplication & division facts for 3
	Multiplication & division facts for 4
	Multiplication & division facts for 5
	Multiplication & division facts for 6
	Multiplication & division facts for 7
	Multiplication & division facts for 8
	Multiplication & division facts for 9
	Multiplication & division facts for 10
	Multiplication facts for 11
	Multiplication facts for 12
	Multiplication facts to 12 x 12
	Multiply up to 3-digits by 2-digits
Multiplying 3-digits by 1-digit	
Multiplying 2-digits by 2-digits	
Multiplying 3-digits by 2-digits	
Multiply 2-digit numbers, algorithm	Multiplying 2-digits by 1-digits, algorithm
	Multiplying 2-digits by 2-digits, algorithm
Divide up to 4-digits by 1-digit	Dividing 2-digits by 1-digit, no remainders
	Dividing 2-digits by 1-digit, remainders
	Dividing 3-digits by 1-digit, no remainders
	Dividing 3-digits by 1-digit, remainders
	Dividing up to 4-digits by 1-digit, no remainders
Round to estimate	Rounding to estimate, multiplication & division
Count by tenths & hundredths	Counting by tenths & hundredths
Add & subtract decimals	Adding decimals to hundredths
	Subtracting decimals to hundredths
	Money problems

Fractions

MA.4.FR.1	
Develop an understanding of the relationship between different fractions and the relationship between fractions and decimals.	
☰ Activities	
Comparing Fractions	The Equivalent Fraction
	Equivalent Fraction Wall 1
	Shading Equivalent Fractions
	Comparing Fractions 1
	Compare Fractions 1a
	Compare Fractions 1b
👑 Skill Quests	
Write fractions as decimals	Writing fractions as decimals
Equivalent fractions	Equivalent fractions
Compare & order fractions	Comparing & ordering fractions

MA.4.FR.2

Build a foundation of addition, subtraction and multiplication operations with fractions.

Activities

Operations with Fractions

Add Subtract Fractions 1
Add Like Mixed Numbers
One Take Fraction
Add Like Fractions
Subtract Like Fractions
Model Fractions to Multiply
Multiply Fraction by Whole Number
Unit Fractions

Skill Quests

Decompose fractions	Decomposing fractions
Add & subtract fractions	Adding & subtracting fractions
Add fractions, denominators 10 & 100	Adding fractions, denominators 10 & 100
Multiply fractions & whole numbers	Multiplying fractions & whole numbers

Algebraic Reasoning

MA.4.AR.1

Represent and solve problems involving the four operations with whole numbers and fractions.

Activities

Solving Problems

Problems: Times and Divide
Multiply and Divide Problems 1
Fraction Fruit Sets 2
Word Problems with Letters

Skill Quests

Multiply & divide, word problems	Multiplication & division word problems
Add & subtract fractions, word problems	Adding & subtracting fractions, word problems
Fractions & whole numbers, word problems	Multiplying fractions & whole numbers, problems

MA.4.AR.2

Demonstrate an understanding of equality and operations with whole numbers.

Activities

Teacher directed

Skill Quests

Multiplication & division equations	Writing multiplication & division equations
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MA.4.AR.3

Recognize numerical patterns, including patterns that follow a given rule.



Activities



Patterns

Prime or Composite?
Describing Patterns


Skill Quests	
Factors	Factors
Prime & composite numbers	Prime & composite numbers
Patterns	Patterns

Measurement

MA.4.M.1 Measure the length of objects and solve problems involving measurement.	
 Activities	
Measurement	Which Measuring Tool?
	Which Unit of Measurement?
	Cups, Pints, Quarts, Gallons
	Inches, Feet, Yards
	Measuring Length
	How Heavy?
 Skill Quests	
Measure attributes of objects	Measuring length
	Measuring volume
	Measuring mass
	Measuring temperature
Convert units of measurement	Converting metric units of length
	Converting customary units of length
	Converting customary units of weight
	Converting customary units of volume
	Converting units of time

MA.4.M.2 Solve problems involving time and money.	
 Activities	
Measurement	Time Conversions: Whole Numbers 1
	Time Conversions: Whole Numbers 2
	Making Change (USD)
	How Much Money? (USD)
	Money - Totalling (USD)
	Money Problems: Four Operations
 Skill Quests	
Intervals of time	Intervals of time
Money problems	Money problems

Geometric Reasoning

MA.4.GR.1 Draw, classify and measure angles.	
 Activities	

Angles	Equal Angles
	Classifying Angles
	Comparing Angles
	What Type of Angle?
	Right Angle Relation
	Estimating Angles
	Measuring Angles
	Angles of Revolution: Unknown Values
Angles of Revolution: Value of x	
👑 Skill Quests	
Classify angles	Classifying angles
Measure & estimate angles	Measuring & estimating angles
Adjacent angles	

MA.4.GR.2	
Solve problems involving the perimeter and area of rectangles.	
☰ Activities	
Perimeter and Area	Perimeter of Squares and Rectangles
	Perimeter Detectives 1
	Calculate Area of Shapes (inches, feet, yards)
	Area of Squares and Rectangles
👑 Skill Quests	
Perimeter & area problems	Perimeter problems
	Area problems
Perimeter & area relationship	Perimeter & area relationship

Data Analysis and Probability

MA.4.DP.1	
Collect, represent and interpret data and find the mode, median and range of a data set.	
☰ Activities	
Data	The Median
	Median from Frequency Table
	Mode
	Interpreting Tables
👑 Skill Quests	
Stem-and-leaf plots & line plots	Stem-and-leaf plots
	Line plots
Mode & range	Mode
	Range
Data problems	Data problems

Grade 5

Number Sense and Operations

MA.5.NSO.1

Understand the place value of multi-digit numbers with decimals to the thousandths place.

Activities

Decimal Understanding

Decimal Place Value
Decimals from Words to Digits 1
Decimals from Words to Digits 2
Decimal Order
Decimal Order 1
Decimal Order 2
Comparing Decimals 1
Comparing Decimals 2
Decimals on the Number Line
Rounding Decimals
Rounding Decimals 1
Rounding Decimals 2

Skill Quests

Decompose decimals	Decomposing decimals
Compare & order decimals	Comparing & ordering decimals
Plot decimals	Plotting decimals
Round decimals	Rounding decimals

MA.5.NSO.2

Add, subtract, multiply and divide multi-digit numbers.

Activities

Multiplication and Division

Long Multiplication
Divide: 2-Digit Divisor, Remainder
Mental Methods Division
Mental Methods Division 1
Mental Methods Division 2
Estimate Quotients
Short Division

Decimal Operations



Add Decimals 1
Subtract Decimals 1
Estimate Decimal Operations
Multiply Decimals and Powers of 10
Divide by Powers of 10
Decimal by Whole Number
Divide Decimal by Whole Number



Skill Quests

Multiply multi-digit whole numbers	Multiplying using the standard algorithm
	Multiplying with partial products



Divide multi-digit whole numbers	Dividing using decomposition
	Dividing using the standard algorithm
Add & subtract decimals	Adding & subtracting decimals, strategies
	Adding & subtracting decimals, algorithm
Multiply & divide decimals, strategies	Multiplying & dividing decimals, strategies

Fractions

MA.5.FR.1	
Interpret a fraction as an answer to a division problem.	
 Activities	
Fraction Operations	Partition into Equal Parts
 Skill Quests	
Understand fractions as division	Understanding fractions as division

MA.5.FR.2	
Perform operations with fractions.	
 Activities	
Fraction Operations	Add Unlike Fractions
	Add Unlike Mixed Numbers
	Add: No Common Denominator
	Subtract Unlike Mixed Numbers
	Multiply Fraction by Fraction
	Multiply Two Fractions 1
	Fraction Wall Labelling 2
	Multiply Mixed Numbers
	Divide Fractions Visual Model
	Divide by a Unit Fraction
 Skill Quests	
Add & subtract fractions	Adding fractions & mixed numbers
	Subtracting fractions & mixed numbers
Multiply fractions	Multiplying fractions
Divide unit fractions & whole numbers	Dividing unit fractions & whole numbers

Algebraic Reasoning

MA.5.AR.1	
Solve problems involving the four operations with whole numbers and fractions.	
 Activities	
Algebraic Reasoning	Fraction Word Problems
	More Fraction Problems
 Skill Quests	
Whole number word problems	Whole number word problems
Fraction word problems, + - x	Solving fraction word problems + - x
Fraction word problems, ÷	Solving fraction word problems ÷

MA.5.AR.2

Demonstrate an understanding of equality, the order of operations and equivalent numerical expressions.

Activities

Algebraic Reasoning

Operations Order 1 (PEDMAS)

Write an Equation: Word Problems

Skill Quests

Write numerical expressions

Writing numerical expressions

Order of operations

Order of operations

Write an equation

Writing an equation

MA.5.AR.3

Analyze patterns and relationships between inputs and outputs.

Activities

Algebraic Reasoning

Table of Values

Skill Quests

Identify & write the rule for a pattern

Identifying & writing the rule for a pattern

Complete a table using a rule

Completing a table using a rule

Measurement

MA.5.M.1

Convert measurement units to solve multi-step problems.

Activities

Converting Units

Converting Units of Length

Customary Units of Length

Operations with Length

Centimeters and Millimeters

Customary Units of Weight 1

Customary Units of Weight 2

Milliliters and Liters

Customary Units of Capacity

Converting Units of Mass

Skill Quests

Convert measurement units

Converting metric units of length

Converting customary units of length

Converting customary units of weight

Converting metric units of weight



Converting customary units of volume

Converting metric units of volume



Converting units of time



MA.5.M.2



Solve problems involving money.



 Activities	
Teacher directed	
 Skill Quests	
Money problems	Solving money problems

Geometric Reasoning

MA.5.GR.1	
Classify two-dimensional figures and three-dimensional figures based on defining attributes.	
 Activities	
Geometry	Triangles: Acute, Right, Obtuse
	Collect the Objects 2
 Skill Quests	
Classify triangles & quadrilaterals	Classifying triangles
	Classifying quadrilaterals
Classify 3-D figures	Classifying 3-D figures

MA.5.GR.2	
Find the perimeter and area of rectangles with fractional or decimal side lengths.	
 Activities	
Teacher directed	
 Skill Quests	
Area of a rectangle, fractional sides	Area of a rectangle, fractional sides

MA.5.GR.3	
Solve problems involving the volume of right rectangular prisms.	
 Activities	
Geometry	Volume of Solids and Prisms - 1cm ³ blocks
	How many Blocks?
	Volume of Rectangular Prisms 1
 Skill Quests	
Explore volume	Exploring volume
Volume of a rectangular prism	Calculating volume of rectangular prisms
Volume problems	Solving volume problems

MA.5.GR.4	
Plot points and represent problems on the coordinate plane.	
 Activities	
Geometry	Coordinate Graphs: 1st Quadrant
 Skill Quests	
Understand the coordinate plane	Understanding the coordinate plane
Solve problems in the first quadrant	Solving problems in the first quadrant

Data Analysis and Probability

MA.5.DP.1

Collect, represent and interpret data and find the mean, mode, median or range of a data set.

Activities

Statistics

The Mean

Mean from Frequency Table

The Median

Median from Frequency Table

Mode from Frequency Table

Line Plots

Finding the Average

Skill Quests

Represent numerical data

Working with line graphs

Working with line plots

Mean, mode, median & range

Working with line plots

Mean

Mode

Median

Range

Grade 6

Number Sense and Operations

MA.6.NSO.1

Extend knowledge of numbers to negative numbers and develop an understanding of absolute value.

Activities

Absolute Value & Integers	Integers on a Number Line
	Ordering Integers (Number Line)
	Comparing Integers
	Directed Numbers
Absolute Value	Absolute Value

Skill Quests

Compare & order rational numbers	Comparing & ordering rational numbers
Understand integers	Understanding integers
	Comparing & ordering integers
Understand absolute value	Understanding absolute value
Absolute value problems	Absolute value problems

MA.6.NSO.2

Add, subtract, multiply and divide positive rational numbers.

Activities

Multiplying and Dividing Decimals	Multiply Decimal by Decimal
	Multiply Decimals 1
	Divide Decimal by Decimal
	Divide Decimal by Whole Number
Multiplying and Dividing Fractions	Divide by a Unit Fraction
	Divide Fractions Visual Model
	Divide Whole Number by Fraction
	Divide Fractions by Fractions 1
Fraction & Decimal Word Problems	Money Problems: Four Operations
	Fraction Word Problems
	More Fraction Problems

Skill Quests


Multiply & divide decimals	Multiplying & dividing decimals
Multiply & divide fractions	Multiplying & dividing fractions
Decimal & fraction word problems	Decimal word problems
	Fraction word problems



MA.6.NSO.3

Apply properties of operations to rewrite numbers in equivalent forms.


Activities

The Number System	Greatest Common Factor
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	Least Common Multiple
	Exponents
	Prime Factoring
	Prime Factorization with Exponent
Fractions, Decimals, and Percents	Common Fractions as Percentages
	Decimals to Fractions 1
	Percents to Fractions
	Fractions to Decimals
	Fractions to Decimals 2
	Fractions to Percentages (Calculator)
	Fractions to Percentages (Non-Calculator)
	Convert Decimals to Fractions 2
	Decimals to Fractions 2
	Fraction to Terminating Decimal
	Percentages to Fractions (with and without simplification)
 Skill Quests	
GCF & LCM	Greatest common factor
	Simplifying fractions
	Least common multiple
Exponents	Exponents
Prime factorization	Prime factorization
Rational number equivalence	Fraction & decimal equivalence
	Decimal & percent equivalence
	Fraction, decimal & percent equivalence

MA.6.NSO.4	
Extend understanding of operations with integers.	
 Activities	
Absolute Value & Integers	Negative or Positive?
Operations with Integers	Integers: Add and Subtract
	More with Integers
	Add Integers
	Subtract Integers
	Adding Integers: Positive, Negative or Zero
	Integers: Multiplication and Division
	Multiplying and Dividing Integers
 Skill Quests	
Add & subtract integers	Adding & subtracting integers
Multiply & divide integers	Multiplying & dividing integers

Algebraic Reasoning

MA.6.AR.1	
Apply previous understanding of arithmetic expressions to algebraic expressions.	
 Activities	
Expressions and Equations 1	Writing Algebraic Expressions

	Exponent Notation and Algebra
	Simple Substitution 1
	Simple Substitution 2
	Integers: Operations Order
	Order of Operations 2 (PEDMAS)
👑 Skill Quests	
Write expressions	Writing expressions
Evaluate expressions	Evaluating expressions
Equivalent expressions	Equivalent expressions

MA.6.AR.2	
Develop an understanding for solving equations and inequalities. Write and solve one-step equations in one variable.	
☰ Activities	
Expressions and Equations 2	Write an Equation: Word Problems
	Solve Equations: Add, Subtract 1
	Solve Equations: Multiply, Divide 1
	Solve Equations: Multiply, Divide 2
👑 Skill Quests	
Test solutions	Testing solutions
1-step equations, add & subtract	1-step equations, add & subtract
1-step equations, multiply & divide	1-step equations, multiply & divide
1-step equations, fractions & decimals	1-step equations, fractions & decimals

MA.6.AR.3	
Understand ratio and unit rate concepts and use them to solve problems.	
☰ Activities	
Ratios and Proportional Relationships	Word Problems: Ratio
	Dividing a Quantity Into a Ratio
	Equivalent Ratios
	Simplify Ratios: 3 Whole Numbers
	Simplify Ratios: Fractions
	Percentage of an amount using fractions (<100%)
	Calculating Percentages (Mental)
	Proportional Relationships
	Percentage Word Problems
	Solve Percent Equations
	Rates
	Rate Word Problems
	Average Speed
	Best Buy
👑 Skill Quests	
Understand ratios	Understanding ratios
Understand rates	Understanding rates
Percent problems	Percent problems
Ratio & rate problems	Ratio & rate problems

Geometric Reasoning

MA.6.GR.1

Apply previous understanding of the coordinate plane to solve problems.

Activities

Geometry

Number Plane

Coordinate Graphs

Graphing from a Table of Values

Skill Quests

The coordinate plane

The coordinate plane

Distance between two points

Distance between two points

Coordinate plane problems

Coordinate plane problems

MA.6.GR.2

Model and solve problems involving two-dimensional figures and three-dimensional figures.

Activities

Geometry

Area: Triangles

Area of Squares and Rectangles

Area of Quadrilaterals

Area: Compound Figures

Volume of Rectangular Prisms 1

Volume: Rectangular Prisms 2

Volume of Triangular Prisms

Volume: Prisms

Surface Area: Rectangular Prisms 1

Surface Area: Rectangular Pyramids

Skill Quests

Area of a triangle

Area of a triangle

Area

Area of quadrilaterals

Area of composite figures

Volume of rectangular prisms

Volume of rectangular prisms

Surface area

Surface area of prisms

Surface area of pyramids

Data Analysis and Probability

MA.6.DP.1

Develop an understanding of statistics and determine measures of center and measures of variability. Summarize statistical distributions graphically and numerically.

Activities

Statistics


The Mean

Mean from Frequency Table

The Median

Median from Frequency Table

Median and Cumulative Frequency

	Mode
	Mode from Frequency Table
	Box-and-Whisker Plots 1
	Histograms
	Histograms for Grouped Data
	Which Measure of Central Tendency?
 Skill Quests	
Statistical questions	Statistical questions
Measures of center & spread	Measures of center
	Interpreting mean, median, mode & range
Analyze box plots	Analyzing box plots
Describe spread & distribution	Describing spread & distribution
Create box plots & histograms	Creating box plots
	Creating histograms
Effect of outliers	Effect of outliers



For more information about Mathletics,
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