

# Elementary Titles by Grade Level

PK-2 <sup>nd</sup> Grade	3 <sup>rd</sup> Grade	4 <sup>th</sup> Grade	5 <sup>th</sup> Grade
<p>*Always, Sometimes, Never True: Properties of Shapes Attributes of 3D Figures *Counting Coins: I Have..., Who Has...? Fact Families – Addition and Subtraction Fact Family Mystery: Add and Subtract Fraction Forms How Likely is it? *How Many Ways Can You Get There? Identifying U.S. Coins Make Ten Math Measurement Tools Measurement Mania *Modeling with Place Value Monetary Matches Odd and Even Ordinal Ordering (PK) Patterns: Growing or Not? Picturing Patterns Polygon Attribute Sort Polygon Prefixes Primary Geometry Tic-Tac-Toe *Problem Solving in Operations: Elementary Level Skipping Patterns Time Mystery What Time Is It?</p> <p>K-2 Primary Sampler Pack</p> <p><b>Check out our digital options online.</b></p>	<p>*Always, Sometimes, Never True: Properties of Shapes Analyzing Area *Area &amp; Perimeter: True or False Attributes of 3D Figures Costs Go Up, Costs Go Down *Dealing w/ Data Displays I Decomposing Area Equivalent Fractions Fact families – Multiplication and Division *Fishing with Place Value Focus on Fractions Fraction Clues Fraction Forms Have you Got the Time? How Likely Is It? *How Many Ways Can You Get There? Intermediate Geometry Tic-Tac-Toe *Justifying Operations Math Measurement Tools Measurement Mania *Number Form x 5 Polygon Attribute Sort *Problem Solving in Operations: Elementary Level *Problem Solving with Elementary Equations *Problems without Numbers <b>Process Thinking Cards</b> *Representing Relationships Skipping Patterns Sorting Out Savings</p> <p>Grade 3 Sampler Pack</p>	<p>*Always, Sometimes, Never True: Factors &amp; Multiples *Area &amp; Perimeter: True or False Classifying and Measuring Angles Classifying Triangles Crafty Conversions Customary Challenge Card Game *Dealing w/ Data Displays I Decomposing Area Equivalent Fractions Examining Expenses Focus on Fractions Fraction Clues Fraction Forms Have You Got the Time? How Likely Is It? Intermediate Geometry Tic-Tac-Toe *Justifying Operations Math Measurement Tools Measurement Mania Metric Length Conversion Card Game Metric Mirth (3 games) *Number Form x 5 Polygon Attribute Sort *Predicting Profits *Problem Solving in Operations: Elementary Level *Problem Solving with Elementary Equations *Problems without Numbers <b>Process Thinking Cards</b> *Reasonable Solutions *Relating Decimals and Fractions *Representing Relationships</p> <p>Grade 4 Sampler Pack</p>	<p>Additive vs Multiplicative Relationships *Always, Sometimes, Never True: Factors &amp; Multiples Budget Balance Classifying Triangles Coordinate Graphing True or False *Correct or Incorrect: Multiplication &amp; Division Crafty Conversions Customary Challenge Card Game *Dealing with Data Displays I *Decimal Value True or False *Displaying Data Relationships *How Will You Pay?*</p> <p>Intermediate Geometry Tic-Tac-Toe Math Measurement Tools Metric Length Conversion Card Game Metric Mirth (3 games) *Name My Denominator *Number Form x 5 *Number Notation Mystery *Ordering Operations *Payroll Practice Picturing Decimal Operations: Multiply &amp; Divide Picturing Fraction Operations: Add and Subtract Picturing Fraction Operations: Multiply &amp; Divide Polygon Attribute Sort *Predicting Profits Prime and Composite Patterns *Problem Solving in Operations: Intermediate Level *Problem Solving with Elementary Equations *Problems without Numbers <b>Process Thinking Cards</b> *Reasonable Solutions *Representing Relationships Rounding Decimal Review Tackling Taxes The Quadrilateral Family Visualizing Volume What's the Question? Perimeter, Area, &amp; Volume *Wrestling with Word Problems</p> <p>Grade 5 Sampler Pack/STAAR Review</p>

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# Middle Level Titles by Grade Level

6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
<p>Account Attributes Additive vs Multiplicative Relationships Algebraic Reasoning Tic-Tac-Toe <b>Algebraic Thinking Cards</b> *Always, Sometimes, Never True: Using Credit Central Tendency and Spread Characteristics of Graphs Check My Balance Classifying Triangles Crafty Conversions Customary Challenge Card Game *Dealing with Data Displays I *Dealing with Data Displays II *Decimal Value True or False *Dimensional Analysis aka Factor-Label Method *Discrete or Continuous Data *Displaying Data Relationships *Find Four: Equations &amp; Inequalities Fishing for One-Step Equations *Fraction, Decimal, Percent Connection Grapher's Revenge Independent vs Dependent Variables *Integer Operation Opposites Math Symbol Bingo Measures of Data: Mean, Median, Mode, Range Metric Length Conversion Card Game Metric Mirth (3 games) *Name My Denominator Name That Property! Real Numbers Game *Number Values Two-Pack (Numbers, Opposites, &amp; Absolute Value) Odd Man Out: 1-Step Equations &amp; Inequalities One-Step Dominos *One-Step Equations &amp; Inequalities: I Have..., Who Has...? *One-Step Geometry Solution Chain One-Variable Inequality Graph Match *Ordering Operations Partner Pack-Translating Inequalities (activity 1 only) *Percent Puzzler Picturing Decimal Operations: Multiply &amp; Divide Picturing Fraction Operations: Multiply &amp; Divide Playing with Rational Numbers *Problem Solving in Operations: Intermediate Level <b>Process Thinking Cards</b> Proportions Warm Up + Line Up *Rates vs Ratios *Relating Decimals and Fractions *Representing 1-Variable Equations Statistics Bingo *Two Wrongs and a Right *Unit Rate Scavenger Hunt *Venn Viewpoint What's the Question? Perimeter, Area, &amp; Volume *Wrestling with Word Problems  Grade 6 Sampler Pack</p>	<p>Algebraic Reasoning Tic-Tac-Toe <b>Algebraic Thinking Cards</b> *Budget Builders *Carnival Probability: I Have..., Who Has...? *Combinations and Probability Constant of Proportionality: True or False? Constructing Net Worth *Dealing with Data Displays I *Dealing with Data Displays II *Dimensional Analysis aka Factor-Label Method *Dimensional Analysis II (between systems) *Discrete or Continuous Data *Find Four: Equations &amp; Inequalities *Fraction, Decimal, Percent Connection Graph My Scenario *How Probable Is It? *Integer Operation Opposites Mark My Motion Math Symbol Bingo Measurement Mix Up: Area and Perimeter (!) Measurement Mix Up: Volume and Surface Area (!) *Mystery in Two-Steps *Name My Denominator *Nets and Attributes of 3D Figures *Paying the Tax *Percent Puzzler Playing with Rational Numbers *Problem Solving in Operations: Intermediate Level <b>Process Thinking Cards</b> Proportions Warm Up + Line Up *Prove It! Algebraic Properties *Rate Representations *Rates vs Ratios *Representing 1-Variable Equations *Representing 2-Step Problems Solution Chain *Roll the Dice! Probability *Sleuthing for Similar Figures *Solution Scavenger Hunt Tantalizing Two-Step Puzzle Two-Step Geometry Mini Puzzles *Two Wrongs and a Right *Unit Rate Scavenger Hunt *Venn Viewpoint Would You Rather? Investment Edition *Wrestling with Word Problems  Grade 7 Sampler Pack  (!) select problems or mats align but not entire activity set.</p>	<p>Algebraic Reasoning Tic-Tac-Toe <b>Algebraic Thinking Cards</b> *Always, Sometimes, Never True: Functions *Always, Sometimes, Never True: Transformations Angle Detectives Angles and Intersecting Lines Are they Similar? *Biased or Representative Sample? *Bivariate Data Relationships Constant of Proportionality: True or False? Cylinder Capacity Connection Dilation Dilemma Direct Variation Display *Discrete or Continuous Data Examining Financial Responsibility *Extending 1-Variable Inequalities Find My Measurement Formula <b>Functional Thinking Cards</b> Function Five *Function or Not? *Geometric Polynomials Graph My Scenario Graphing Simultaneous Equations *How Will You Pay? *Irrational Number Match Up *Line Up! Solving 1-Variable Equations Linear Mystery *Linear vs Non-Linear Functions *MAD About Data Mark My Motion Match Mates: Distributive Property Match Mates: One-Variable Inequalities Math Symbol Bingo Measurement Mix Up: Volume and Surface Area Modeling the Pythagorean Theorem Partner Pack – Translating Inequalities *Problem Process Strips <b>Process Thinking Cards</b> *Proportional or Not? Proportions Warm Up + Line Up *Prove It! Algebraic Properties Pythagorean Distances Pythagorean Match *Rate Representations *Real Number Round Up Saving for College *Scientific Notation Match Scientific Notation War *Situation Translation *Sleuthing for Similar Figures Slope Triangles *Solution Scavenger Hunt *Solution Sequence Surface Area Search *The Costs of Credit *The Great Graphing Game *Transformation Relations *Trend Lines Scavenger Hunt *Venn Viewpoint Volume Relationships: Cylinders and Cones Would You Rather? Investment Edition  Grade 8 Sampler Pack/STAAR Review</p>



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# High School Titles by Course

Algebra I		Algebra II/PreCalculus	Geometry
*Adding & Subtracting with Algebra Tiles	Mark My Motion	Algebra Tic-Tac-Toe	A Very Circular Story
Algebra Tic-Tac-Toe	Match Mates – Distributive Properties	*Always, Sometimes, Never True: Functions	*Add them up! Combinations & Permutations
*Always, Sometimes, Never True: Functions	Match Mates – Factoring Trinomials	*Conic Classifications	*Always, Sometimes, Never True: Transformations
*Bivariate Data Relationships	Match Mates – Literal Equations	*Connecting Transformation Notation	Angle Detectives
Classifying Correlation	Match Mates – Multiplying Monomials and Binomials	Correct or Incorrect: Polynomial Division	Angles and Intersecting Lines
*Classifying Line Pairs	Match Mates – One-Variable Inequalities	Derive it! Conic Equations	Applying the Geometric Mean
*Connecting Transformation Notation	Match Mates - Polynomials	Difference of Squares	Are they Similar?
Correct or Incorrect: Laws of Exponents	*Modeling Polynomial Division	*Exponential Examination	*Carnival Probability: I Have..., Who Has...?
Difference of Squares	Partner Pack – Translating Inequalities	*Exponential Puzzler	Circle Dominos
Direct Variation Display	Picturing Systems	Familiar Functions	*Classifying Line Pairs
*Discrete or Continuous Data	Polynomial Card Sort	*Families of Functions	*Combinations & Probability
*Evaluating Function Notation	Polynomial Card Sort	*Find Four: Equations of Ellipses	*Connecting Transformation Notation
Scavenger Hunt	Problem Process Strips	Function Focus: Algebra II	Cylinder Capacity Connection
*Evaluating Linear Function	<b>Process Thinking Cards</b>	<b>Functional Thinking Cards</b>	Dilation Dilemma
Notation Relay Race	*Prove It! Algebraic Properties	*Hyperbola Hierarchy	*Dilation Detectives
*Exponential Examination	Quadratic Applications	Identifying Conics	Familiar Formulas
*Exponential Puzzler	Quadratic Form Match	*Modeling Polynomial Division	*Find Four: Right Triangles Game
*Extending 1-Variable Inequalities	Quadratic Mystery	Name that Property! Complex Numbers Game	Find My Measurement Formula
Familiar Functions	Quadratic Quest	Parent Function Card Game	Geometric Exponents
Function Five	Quadratic Transformation Puzzler	Perplexing Parabolas	*Geometric Polynomials
Function Focus: Algebra I	Radical-Rational Exponent Puzzler	Puzzling Logarithm Properties	<b>Geometric Thinking Cards</b>
*Function or Not?	Radicals Race	Quadratic Applications	*How Probable Is It?
<b>Functional Thinking Cards</b>	Relating Regression	Quadratic Mystery	Measurement Mix Up: Perimeter and Area
Geometric Exponents	*Situation Translation	Quadratic Quest	Measurement Mix Up: Volume and Surface Area
*Geometric Polynomials	Slope 4 Ways	Quadratic Transformation Puzzler	Modeling the Pythagorean Theorem
Graph My Scenario	Slope Triangles	Radical-Rational Exponent Puzzler	*Modeling Outcomes
Graphing Simultaneous Equations	*Solution Scavenger Hunt	Radicals Race	Planar Geometry Tic Tac Toe
Guess Which? Linear Functions	*Solution Sequence	*Relating Rational Functions	Prove It! Triangle Congruence
*Line Up! Solving 1-Variable Equations	Sorting Sequences	Relating Regression	Pythagorean Distances
Linear Equations x 3	Sorting Sequences, Too	Sorting Sequences, Too	Pythagorean Match
Linear Inequalities & Inequality Systems: Pass the Trash	Systems of Equations Memory Game	The Radical-Rational Connection	*Roll the Dice! Probability
Linear Inequality Quintuplets	The Radical-Rational Connection	The Unit Circle: Radians and Degrees	*Sleuthing for Similar Figures
Linear Mystery	*Trend Lines Scavenger Hunt	Two Rights & a Wrong: Quadratics	Slices of Solids
Linear Transformations	*Two Rights & a Wrong: Literal Equations	*What's My Domain and Range?	Surface Area Search
Puzzler	Two Rights & a Wrong: Quadratics	Algebra II Sampler Pack	*The Great Graphing Game
*Linear vs Non-Linear Functions	*What's My Domain and Range?		The Mean Proportional (aka Geometric Mean)
Linking Association, Causation, and Correlation			The Quadrilateral Family
Linking Linear Attributes			The Unit Circle: Radians & Degrees
			*Transformation Relations
			Volume Relationships: Cylinders & Cones
			Geometry Sampler Pack

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# Small Group Station Sets

Elementary-Middle	Middle – High School	High school
Developing Area, Perimeter, & Volume (3-6) 5 activity centers \$25	Area, Perimeter, Volume, Surface Area Measurement (6-Geo) 10 activity centers \$90	Foundations for Functions (Alg 1-PC) 14 activity centers \$100
Developing Fractions (2-6) 8 activity centers \$55	Data, Graphs, & Graphing (4-Alg 1) 15 activity centers \$95	Linear Functions & Equations (Alg 1) 15 activity centers \$90
Early Algebra Foundations (3-6) 7 activity centers \$40	Measurement & Unit Conversion (2-7) 8 activity centers \$80	Two-Variable Linear Systems & Inequalities (Alg 1) 6 activity centers \$40
Money & Personal Financial Literacy (K-5) 11 activity centers \$55	One-Variable Equations & Inequalities (6-Alg 1) 21 activity centers \$115	Practicing w/ Polynomial Expressions (Alg 1-2). 12 activity centers \$70
Number & Operation Foundations (K-6). 17 activity centers \$90	Personal Financial Literacy (5-8) 11 activity centers \$50	Exponent & Radical Rules (Alg 1- 2) 5 activity centers \$25
Problem Solving with Operations (2-7) 10 activity centers \$55	Probability Pack (7-HS) 6 activity centers \$40	Quadratic & Exponential Functions (Alg 1- PC). 8 activity centers \$50
Shapes & Their Properties (K-7) 8 activity centers \$40	Rates, Ratios, Proportions, Percent (6-8) 9 activity centers \$55	Geometric Transformation (Geo) 5 activity centers \$45
	Real Number Relationships (4-8) 8 activity centers \$55	Triangles & Their Properties (8-Geo) 9 activity centers \$65
K-2 Primary Sampler 25 activity centers \$100	Grade 6 Sampler 44 activity centers \$175	Conic Sections & Their Properties (Geo-PC) 10 activity centers \$60
Grade 3 Sampler 22 activity centers \$90	Grade 7 Sampler 43 activity centers \$175	Algebra I Sampler 40 activity centers \$175
Grade 4 Sampler 23 activity centers \$100	Grade 8 Sampler 37 activity centers \$150	Algebra II Sampler 25 activity centers \$150
Grade 5 Sampler 34 activity centers \$160		Geometry Sampler (Geometry) 40 activity centers \$175

**Check out the digital options on TpT.**



Station sets are designed to serve one small group so that you can use them in small settings (homeschool, intervention, etc) or in workshop/center stations during your instructional unit.

All activity materials above printed in color on cardstock. Just laminate, cut, and use!

Visit [www.mathcutups.com](http://www.mathcutups.com) for additional information. Be sure to see the downloads tab for free resources available too.

Want to suggest a new station set bundle? I can customize. Email me at [integralmathematics@gmail.com](mailto:integralmathematics@gmail.com).

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