6th Grade Math Curriculum Wide Activities

Activities These activities can be used throughout the entire curriculum and are not meant to be used in one single unit. 6th Grade CCSS Test Prep 6th Grade End of Year Task Cards 6th Grade Error Analysis Task Card Bundle 6th Grade I Can Statement Punch Cards (CCSS and TEKS) 6th Grade Math Common Core Benchmark Exam 6th Grade Math Common Core Standards Checklists 6th Grade Math Editable Homework Notebook 6th Grade Math Mini Assessments (With and Without CCSS labeling) 6th Grade Math Prep Packet 6th Grade Math Skills Quick Reference Sheets 6th Grade Math Word Wall Vocabulary Cards 6th Grade Middle School Math Full Year Assessment Skills Review Basic Operations Math Skills Speed Drills Editable Winter Coloring Pages (Combining Like Terms and Order of Operations Versions)

☐ The Coffee Shop Performance Task

No Prep Christmas Math Activities for 6th Grade

Unit I: Operations With Whole Numbers and Decimals Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) <u>Review</u> : Operations with Whole Numbers	 Three Warm Ups Whole Number Operations Graphic Organizer Whole Number Operations Practice Whole Number Operations Error Analysis 	None at this time
(2) <u>Review</u> : Place Value and Estimating with Decimals	 Three Warm Ups Place Value Review Charts Estimating with Decimals Review Notes Place Value and Estimating with Decimals Practice 	None at this time
(3) <u>Review</u> : Adding and Subtracting Decimals	 Three Warm Ups Adding and Subtracting Decimals Notes Adding and Subtracting Decimals Fold and Flip Notes Adding and Subtracting Decimals Practice 	Add and Subtract Decimals Coloring Page
(4) <u>Review</u> : Multiplying Decimals	 Three Warm Ups Multiplying Decimals Notes Multiplying Decimals Fold and Flip Notes Multiplying Decimals Practice 	None at this time
(5) <u>Review</u> : Dividing Decimals by Decimals & Whole Numbers	 Three Warm Ups Dividing Decimals by Whole Numbers Notes Dividing Decimals by Decimals Notes Dividing Decimals Fold and Flip Notes Dividing Decimals by Whole Numbers Practice Dividing Decimals by Decimals Practice 	Multiply and Divide Decimals Coloring Page
(6) <u>Review</u> : Decimal Operations Word Problems	 Three Warm Ups Decimal Operations Word Problems Notes Decimal Operations Word Problems Practice (2 pages) 	 Decimal Word Problems Coloring Page Halloween Decimal Word Problems

Unit I: Operations With Whole Numbers and Decimals Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
End of Unit	Study Guide Unit Exam	 Decimal Operations Board Game Decimal Operations Coloring Pages Decimal Operations Coloring Worksheet (Holiday) Decimal Operations Coloring Worksheet (Beach) Decimal Operations Fold and Flip Notes Decimal Operations Mini Tabbed Flip Book Decimal Operations PowerPoint Review Game Decimal Operations Puzzle Decimal Operations Review Worksheet Decimal Operations Spin/Roll to Solve Game Decimal Operations Stations Decimal Operations Task Cards Decimal Operations Spiral Review Activity Emergency Decimal Operations Sub Plans Number System Review Booklet Real World Math Checkbook Lesson and Activity

Unit 2: Fraction Operations and Integer Concepts Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) <u>Review</u> : Equivalent Fractions and Simplest Form	 Three Warm Ups Equivalent Fractions and Simplest Form Open Notes Page Equivalent Fractions and Simplest Form Practice Equivalent Fractions Flip Book 	Fractions Concepts Powerpoint Review Game
(2) <u>Review</u> : Adding and Subtracting Fractions and Mixed Numbers	 Three Warm Ups Adding & Subtracting Fractions and Mixed Numbers Notes Adding Fractions and Mixed Numbers Practice Subtracting Fractions and Mixed Numbers Practice Adding and Subtracting Fractions Steps Organizer Adding and Subtracting Mixed Numbers Steps Organizer. Adding and Subtracting Fractions and Mixed Numbers Word Problems 	 Adding and Subtracting Fractions Coloring Worksheet Addition and Subtraction of Fractions and Mixed Numbers Assessment
(3) <u>Review</u> : Multiplying Fractions and Mixed Numbers	 Three Warm Ups Multiplying Fractions and Mixed Numbers Notes Multiplying Fractions and Mixed Numbers Steps Organizer Multiplying Fractions and Mixed Numbers Practice Multiplying Fractions and Mixed Numbers Word Problems Practice 	Multiplying Fractions and Mixed Numbers Coloring Worksheet
(4) Dividing Fractions and Mixed Numbers by Fractions	 Five Warm Ups Dividing Fractions and Mixed Numbers Notes Dividing Fractions and Mixed Numbers Practice Multiplying and Dividing Fractions and Mixed Numbers Steps Organizer Fraction Operations Mini Book Operations with Fractions and Mixed Numbers Quiz 	None at this time
(5) Understanding Integers	 Three Warm Ups Understanding Integers Notes Understanding Integers Fold and Flip Notes Understanding Integers Practice Understanding Integers Number Line Practice 	Comparing and Ordering Rational Numbers PowerPoint Game

Unit 2: Fraction Operations and Integer Concepts Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(6) Absolute Value	Three Warm UpsAbsolute Value NotesAbsolute Value Fold and Flip NotesAbsolute Value Practice	Absolute Value and Opposites EDITABLE Coloring Page
(7) Plotting in a Coordinate Plane	 Three Warm Ups Coordinate Planes Notes (2 pages) Coordinate Planes Fold and Flip Notes Coordinate Planes Practice Coordinate Planes Real World Practice 	 Coordinate Plane Stations Integer Facts and Coordinate Graphing Practice
End of Unit	Study GuideUnit Exam	Emergency Fraction Sub PlansNumber System Coloring Page
Whole Unit Supplemen	tal Resources	 Fraction Concepts & Operations Fold and Flip Bundle Fraction Operations Board Game Fraction Concepts and Operations Review Packet Fraction Operations Coloring Fraction Operations Coloring Pages Fraction Operations Math Stations Fraction Operations Mini Book Fraction Operations Notes and PowerPoints Bundle Fraction Operations Puzzle Fraction Operations Spin/Roll to Solve Game Fraction Operations Spiral Review Activity Fraction Operations Stations Fraction Operations Task Cards Fraction Operations Word Problems Coloring Page Fractions and Decimals Print and Practice Fractions Coloring Worksheet Fractions Placemat Activity Halloween Fraction and Decimal Stations Valentines Day Fraction Activities

Unit 3: Ratios, Rates and Percents Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Ratios and Rates	Three Warm UpsRatios NotesUnit Rate Notes	Unit Rate Coloring Page
(2) Proportions and Scale	 Three Warm Ups Proportions Notes Setting Up and Solving Proportions Notes (more detailed) Setting Up and Solving Proportions Fold and Flip Notes Scale Notes Proportions Practice (2 pages) Scale Practice Ratios, Rates, Proportions and Scale Quiz 	Proportions and Unit Rate Coloring Worksheet Proportions and Unit Rate Notes and Practice Ratios and Proportional Reasoning Review Booklet
(3) Units of Measure	 Three Warm Ups Metric Measurements Conversion Sheet Standard Measurements Conversion Sheet Units of Measure Notes Units of Measure Metric Practice Units of Measure Standard Practice Proportions and Units of Measure Quiz 	None at this time
(4) Percent of a Number	 Three Warm Ups Percent Notes Percent of a Number Notes Discount Notes Taxes and Tips Notes and Practice 	 Percent of a Number Coloring Worksheet Percent of a Number Editable Coloring Page Percent of a Number Guided Practice Percent of a Number Pairs Check Coloring Percent of a Number Puzzle (Google and traditional versions)

Unit 3: Ratios, Rates and Percents Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(5) Fractions, Decimals and Percents Relationships	 Three Warm Ups Fractions, Decimals and Percents Notes (2 pages) Repeating and Terminating Decimals Notes Percent Conversions Fold and Flip Notes Decimal Conversions Fold and Flip Notes Fraction Conversions Fold and Flip Notes Fractions, Decimals and Percents Graphic Organizer Fractions, Decimals and Percents Practice 	 Fraction Decimal Percent Coloring Fraction Decimal Percent Pairs Check Coloring Fractions Decimal Percent Conversion Stations Fractions Decimals and Percents Activities Fractions Decimals and Percents Puzzle Fractions Decimals Percent Task Cards Fractions Decimals Percents Station Activity
(6) Compare and Order Fractions, Decimals and Percents	 Three Warm Ups Compare and Order Fractions, Decimals and Percents Notes Compare and Order Fractions, Decimals and Percents Order Fractions, Decimals and Percents Fractions, Decimal and Percents Quiz 	None at this time
End of Unit	Study Guide (2 pages)Unit Exam	Ratios, Rates and Percents Mini Book

Unit 4: Expressions Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Exponents and Order of Operations	 Three Warm Ups Exponents Notes Exponents Practice Exponents Matching Activity Order of Operations Notes Order of Operations Fold and Flip Notes Order of Operations Practice (2 pages) 	 Order of Operations Coloring Worksheet Fall Theme Order of Operations Coloring Worksheet Summer Order of Operations Stations Order of Operations with Whole Numbers Task Cards
(2) Properties of Math	 Three Warm Ups Properties of Math Notes Properties of Math Fold and Flip Notes Properties of Math Sorting Activity Properties of Math Practice 	Properties of Operations Coloring Page
(3) The Distributive Property	 Three Warm Ups GCF and LCM Notes GCF and LCM Practice Distributive Property Notes Distributive Property Guided Practice Distributive Property Practice (2 pages) 	 Distributive Property Notes and Coloring Worksheet Holiday Distributive Property Pairs Check Coloring Distributive Property Puzzle With Whole Numbers Distributive Property Reciprocal Learning Exercises Distributive Property Stations Distributive Property Task Cards
(4) Writing Algebraic Expressions	 Three Warm Ups Writing Algebraic Expressions Notes Writing Algebraic Expressions Fold and Flip Notes Writing Algebraic Expressions Practice (2 pages) Writing Algebraic Expressions Matching Activity 	None at this time
(5) Evaluating Algebraic Expressions	 Three Warm Ups Evaluating Expressions Notes Evaluating Expression Practice (2 pages) 	 Combining Like Terms Activity Evaluating Expressions Spin/Roll to Solve Game Expressions and Properties Mini Book Halloween Combining Like Terms Matching
End of Unit	Study GuideUnit Exam	6th Grade Expressions Stations

Unit 5: Equations and Inequalities Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Identifying and Understanding Equations	 Two Warm Ups Equations Notes Equations Graphic Organizer Mathematical Statements Fold and Flip Notes Identifying and Understanding Equations Practice Independent and Dependent Variables Notes Independent and Dependent Variables Practice 	None at this time
(2) Writing Equations	 Two Warm Ups Writing Equations Notes Writing Equations Practice (2 pages) 	None at this time
(3) Solving Equations	 Three Warm Ups Solving Equations Notes (2 pages) Solutions to Equations Practice Solving Equations Practice Writing and Solving Equations Practice Write and Solve Equations Matching Activity 	Solving One Step Equations Editable Coloring Page
(4) Writing and Graphing Inequalities	 Three Warm Ups Inequalities Notes (2 pages) Inequalities Graphic Organizer Inequalities Symbols Fold and Flip Notes Inequalities Matching Activity Inequalities Practice (4 pages) 	Graphing Inequalities Editable Coloring Worksheet
End of Unit	Study Guide Unit Exam	 6th Grade Equations and Expressions No Prep Packet 6th Grade Equations and Inequalities Stations 6th Grade Expressions and Equations Review Booklet Equations and Inequalities Mini Book

Unit 6 : Geometry Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
1) Area of Squares, Rectangles and Triangles	 Three Warm Ups Area of Squares and Rectangles Notes Area of Triangles Notes Area of Squares and Rectangles Area of Triangles Practice Area of Triangles and Rectangles Error Analysis 	None at this time
2) Area of Parallelograms and Trapezoids	 Three Warm Ups Area of Parallelograms Notes Area of Trapezoids Notes Area of Special Shapes Notes Area Flip Book Area of Parallelograms Practice Area of Trapezoids Practice Area of Special Shapes Practice Missing Dimensions Practice Area and Perimeter in the Real World Practice Area Quiz 	 Area Notes and Practice Worksheet Area PowerPoint Review Game
3) Polygons in the Coordinate Plane	 Three Warm Ups Polygons in the Coordinate Plane Notes Polygons in the Coordinate Plane Practice (3 pages) 	None at this time
4) Surface Area & Nets	 Three Warm Ups Nets Notes Surface Area Notes Nets Practice Surface Area Practice (2 pages) Nets, Surface Area and 3D figures Matching Activity 	Surface Area Coloring Worksheet Surface Area Notes and Practice Surface Area Reciprocal Learning Exercises

Unit 6 : Geometry Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
5) Volume of Prisms	Three Warm UpsVolume Notes (2 pages)Volume Practice (2 pages)Volume Matching Activity	 Volume of Cubes and Rectangular Prisms Coloring Volume Pairs Check Coloring
End of Unit	Study GuideUnit Exam	 6th Grade Geometry Review Booklet 6th Grade Geometry Review Booklet Basic Geometric Concepts Worksheet Geometry Mini Book

Unit 7: Data Displays and Measures of Center Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
1) Measures of Center and Variation	 Two Warm Ups Measures of Center & Variation Notes Measures of Center & Variation Fold and Flip Notes Measures of Center & Variation Notes Guided Practice Measures of Center & Variation Practice 	 Measures of Central Tendency Coloring Measures of Central Tendency Task Cards
2) Line Plots and Stem & Leaf Plots	 Two Warm Ups Stem and Leaf Plots Notes (2 pages) Line Plots Notes Stem and Leaf Plots Practice (2 pages) Line Plots Practice Data Displays Comparison Chart (Complete over the next three lessons.) 	None at this time
3) Frequency Tables and Histograms	 Two Warm Ups Frequency Tables Notes Histogram Notes Frequency Tables Practice Histograms Practice Add to Data Displays Comparison Chart (from lesson two) 	None at this time
4) Box and Whisker Plots	 Two Warm Ups Box and Whisker Plots Notes Box and Whisker Plots Fold and Flip Notes Box and Whisker Plots Practice (2 pages) Finish Data Displays Comparison Chart (from lesson two) 	 Box & Whisker Plots Notes & Guided Practice Worksheets Box & Whisker Plots Practice Worksheet Box and Whisker Coloring Worksheet

Unit 7: Data Displays and Measures of Center Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
5) Characteristics of Data Displays	 Two Warm Ups Characteristics of Data Displays Notes Data Displays Fold and Flip Notes Data Displays Graphic Organizer Characteristics of Data Displays Practice 	None at this time
End of Unit	Study GuideUnit Exam	 6th Grade Statistics and Probability Math Resources 6th Grade Statistics and Probability Review Booklet Data Displays Station Activities Data Displays Task Cards Data Unit Mini Book Halloween Classroom Survey and Graphing Activity