

7th 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.

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| <ul style="list-style-type: none"><input type="checkbox"/> 7th Grade End of Year Task Cards<input type="checkbox"/> 7th Grade Math Common Core Benchmark Exams<input type="checkbox"/> 7th Grade Math Common Core Standards Checklists<input type="checkbox"/> 7th Grade Math Fold and Flip Notes<input type="checkbox"/> 7th Grade Math Homework Notebook – Editable<input type="checkbox"/> 7th Grade Math I Can Statement Punch Cards (CCSS and TEKS Versions)<input type="checkbox"/> 7th Grade Math Mini Assessments<input type="checkbox"/> 7th Grade Math Prep Packet<input type="checkbox"/> 7th Grade Math Skills Reference Sheets<input type="checkbox"/> 7th Grade Middle School Math Assessment Skills Review<input type="checkbox"/> 7th Grade Vocabulary Cards<input type="checkbox"/> Christmas Review Stations<input type="checkbox"/> Editable Christmas Coloring Pages<input type="checkbox"/> Editable Fall Coloring Pages<input type="checkbox"/> Editable Halloween Coloring Pages | <ul style="list-style-type: none"><input type="checkbox"/> Halloween Word Problems – The Costume Shop<input type="checkbox"/> Math Mistakes in the Real World<input type="checkbox"/> Middle School Math Brief Constructed Response Practice<input type="checkbox"/> Middle School Math Skills and Practice<input type="checkbox"/> Middle School Math Skills Review Activity<input type="checkbox"/> No Prep Christmas Activities for 7th Grade math<input type="checkbox"/> St. Patrick's Stations – 7th Grade<input type="checkbox"/> Thanksgiving Word Problems<input type="checkbox"/> The Cupcake Shop – Performance Task |
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Unit I : Integers and Rational Numbers

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Absolute Value	<ul style="list-style-type: none"> Two Warm Ups Absolute Value Notes (2 pages) Absolute Value Practice Compare and Order Rational Numbers Practice 	<ul style="list-style-type: none"> Intro to Integers
(2) Adding Rational Numbers	<ul style="list-style-type: none"> Four Warm Ups Adding Rational Numbers Notes (2 pages) Adding Rational Numbers Worksheet Adding Rational Numbers (With Fractions) Worksheet 	<ul style="list-style-type: none"> None at this time
(3) Subtracting Rational Numbers	<ul style="list-style-type: none"> Four Warm Ups Subtracting Rational Numbers Notes (2 pages) Subtracting Rational Numbers Worksheet Adding and Subtracting Rational Numbers Graphic Organizer Adding and Subtracting Rational Numbers Worksheet Absolute Value and Adding and Subtracting Rational Numbers Quiz 	<ul style="list-style-type: none"> Adding & Subtracting Integers Quick Check Adding & Subtracting Rational Numbers Review Addition and Subtraction of Integers Assessment
(4) Multiplying & Dividing Rational Numbers	<ul style="list-style-type: none"> Four Warm Ups Multiplying and Dividing Rational Numbers Notes Multiplying Rational Numbers Practice Multiplying and Dividing Rational Numbers Practice Rational Number Operations Review Table Rational Number Operations Fold & Flip Notes 	<ul style="list-style-type: none"> Multiplying & Dividing Integers Extra Notes
(5) Converting Rational Numbers to Decimals	<ul style="list-style-type: none"> 4 Warm Ups Converting Rational Numbers to Decimals Notes (3 pages) Converting Rational Numbers to Decimals Practice (2 pages) Multiplying & Dividing Rational Numbers and Converting Rational Numbers to Decimals Quiz 	<ul style="list-style-type: none"> None at this time

Unit I : Integers and Rational Numbers

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
End of Unit	<ul style="list-style-type: none"> Unit Post Assessment 	<ul style="list-style-type: none"> 7th Grade Common Core Number System Review Booklet Fraction Operations Game Integer Operations Cooperative Learning Activity Integer Operations Project Integer Operations Puzzle Integer Operations Review Game Integer Operations Stations Integer Operations Task Cards Integer Order of Operations Halloween Coloring Integer Order of Operations Holiday Riddle Integer Word Problems Coloring Page Integers and Order of Operations Puzzle Worksheet Integers and Rational Numbers Mini Book Operations with Fractions and Mixed Numbers Performance Task Order of Operations with Integers Task Cards

Unit 2 : Expressions and Equations

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Properties and Order of Operations	<ul style="list-style-type: none"> • Two Warm Ups • Properties and Order of Operations Notes • Properties of Operations Fold and Flip Notes (3 versions) • Order of Operations Fold and Flip Notes (3 versions) • Mathematical Properties Practice • Order of Operations Practice • Equivalent Expressions Practice 	<ul style="list-style-type: none"> • Distributive Property Notes and Coloring Worksheet Holiday • Distributive Property Puzzle • Integer Order of Operations Task Cards
{Optional} Combining Like Terms Mini Lesson (Separate file)	<ul style="list-style-type: none"> • Combining Like Terms notes • Combining Like Terms Practice • Combining Like Terms Matching Activity 	<ul style="list-style-type: none"> • None at this time
(2) Adding and Subtracting Expressions	<ul style="list-style-type: none"> • Four Warm Ups • Adding and Subtracting Expressions Notes • Adding and Subtracting Expressions Guided Practice • Adding and Subtracting Expressions Fold and Flip Notes • Adding and Subtracting Expressions Practice • Adding and Subtracting Expressions Real World Applications 	<ul style="list-style-type: none"> • None at this time
(3) Factoring & Expanding Expressions	<ul style="list-style-type: none"> • Four Warm Ups • Factoring Expressions Notes • Expanding Expressions Notes • Factoring and Expanding Expressions Practice (3 pages) • Lessons 1 – 3 Quiz (2 pages) 	<ul style="list-style-type: none"> • Factoring and Expanding Matching Activity
(4) Writing Expressions & Equations	<ul style="list-style-type: none"> • Four Warm Ups • Writing Expressions & Equations Key Words Graphic Organizer • Writing Expressions & Equations Notes (2 pages) • Writing Expressions and Equations Practice (2 pages) 	<ul style="list-style-type: none"> • Writing Equations Christmas Activity • Writing Equations Coloring Worksheet • Writing Equations Coloring Worksheet 2 • Writing Equations Matching Activity

Unit 2 : Expressions and Equations

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(5) Solving Expressions & Equations	<ul style="list-style-type: none"> • Four Warm Ups • Evaluating Expressions Notes • Solving Equations Notes (2 pages) • Solving Equations Fold and Flip Notes (3 versions) • Solving Equations Practice (2 pages) • Writing and Solving Expressions and Equations Quiz 	<ul style="list-style-type: none"> • Expressions Cube Activity • Expressions Mini Book • Simplifying Expressions Spin/Roll to Solve Game • Solving Equations Coloring Worksheets • Solving Equations Football Game • Solving Equations Info Booklet • Solving Equations Notes and Practice • Solving Equations Puzzle Whole Numbers • Two Step Equations Reciprocal Learning Exercises • Writing and Solving Equations Task Cards
(6) Writing Inequalities	<ul style="list-style-type: none"> • Four Warm Ups • Writing Inequalities Key Words Graphic Organizer • Writing Inequalities Notes (2 pages) • Writing Inequalities Practice (2 pages) 	<ul style="list-style-type: none"> • None at this time
(7) Solving Inequalities	<ul style="list-style-type: none"> • Four Warm Ups • Solving Inequalities Notes • Flip Flop Inequalities Notes • Flip Flop Inequalities Fold and Flip Notes • Solving Inequalities Practice • Writing & Solving Inequalities Practice • Writing & Solving Inequalities Quiz 	<ul style="list-style-type: none"> • Solving Inequalities Coloring Worksheet • Solving Inequalities EDITABLE Coloring Worksheet
(8) Graphing Solutions to Inequalities	<ul style="list-style-type: none"> • Four Warm Ups • Graphing Solutions to Inequalities Notes • Graphing Solutions to Inequalities {Number Line Practice} • Interpreting Solutions to Inequalities from Number Lines 	<ul style="list-style-type: none"> • Inequalities Matching Activity • Inequalities Matching GOOGLE Activity • Inequalities Mini Book • Inequalities PowerPoint Review Game • Inequalities Station Activities
End of Unit	<ul style="list-style-type: none"> • Study Guide (2 pages) • Final Unit Exam (4 pages) 	<ul style="list-style-type: none"> • Equations Formulas Fractions Coloring Page • Equations Mini Book • Expressions and Equations Booklet • Formulas Christmas Holiday Coloring Page • Formulas Coloring Worksheet

Unit 3 : Ratios, Rates, Proportions & Percents

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Represent & Solve Proportional Relationships	<ul style="list-style-type: none"> • Six Warm Ups • Proportional Relationships Notes • Solving Proportions with Equations Fold and Flip Notes • Proportional Relationships Guided Practice • Proportional Relationships Practice (2 pages) • Proportional Relationships Writing and Solving Practice • Proportional Relationships in the Real World 	<ul style="list-style-type: none"> • Ratios and Proportional Reasoning Review Booklet • Ratios and Proportional Reasoning Task Cards • Ratios and Proportional Relationships Task Cards – Google • Ratios and Proportions Halloween Stations • Ratios and Proportions Mini Book • Ratios and Proportions Stations
(2) Identify and Compute Unit Rates	<ul style="list-style-type: none"> • Four Warm Ups • Unit Rate Notes (2 pages) • Unit Rate from Tables, Graphs, Equations and Real World Situations Fold and Flip Notes • Unit Rate Practice (2 pages) • Unit Rate Matching Activity (2 pages) 	<ul style="list-style-type: none"> • Fractional Unit Rate Reciprocal Learning Activity • Unit Rate Coloring Page • Unit Rate Coloring Page 2 • Unit Rate Pairs Check
(3) Multi-Step Percent Problems	<ul style="list-style-type: none"> • Four Warm Ups • Discount, Taxes and Tips Notes • Equivalent Expressions and Percent Change Notes • Tips, Taxes and Discounts Fold and Flip Notes • Simple Interest Notes • Multi-Step Percent Problems Practice • Taxes and Tips Practice • Discounts Practice • Simple Interest Practice • Error Analysis Cards {Multi-Step Percents} 	<ul style="list-style-type: none"> • March Percents Packet • Percent and Unit Rate Coloring Worksheet • Percent Change Coloring Worksheet • Percent Change Project Holiday Shopping Madness • Percent Cube Activity • Percent Discount Taxes and Tips Coloring Page • Percent of a Number Restaurant Activity • Percent Task Cards • Percents Activity • Percents Board Game • Percents Practice and Coloring • Percents Shopping Activity • Percents Spiral Review • Percents Station Activity • Percents Stations
(4) Scale Drawings	<ul style="list-style-type: none"> • Four Warm Ups • Scale Drawings Notes (2 pages) • Scale Terms Fold and Flip Notes • Scale Drawings Practice (2 pages) • Scale Practice • Similar Figures Practice 	<ul style="list-style-type: none"> • Scale and Proportions Activity • Scale and Similar Figures Coloring Worksheet
End of Unit	<ul style="list-style-type: none"> • Study Guide • Unit Post-Assessment (2 versions) 	

Unit 4 : Geometry

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Angle Relationships	<ul style="list-style-type: none"> • Four Warm Ups • Angle Notes • Protractor notes • Explore Angle Relationships with Practice Worksheet • Angle Relationships Notes • Unknown Angle Notes (3 pages) • Mathville Math : Angle Practice (3 pages) • Angle and Angle Relationships Practice • Missing Angle Relationships Practice 	<ul style="list-style-type: none"> • Missing Angles Worksheet • Parallel Lines Cut By A Transversal Coloring Page • Parallel Lines Cut by a Transversal Notes and Practice • Protractors Drawing and Measuring Angles Lesson Plan
(2) Constructing Triangles	<ul style="list-style-type: none"> • Four Warm Ups • Constructing Triangles Exploration Activity (3 pages) • Constructing Triangles Notes (2 pages) • Constructing Triangles Given Three Side Lengths Guided Practice • Constructing Triangles Given Angle Measurements Guided Practice • Constructing Triangles Given Two Sides and an Angle Guided Practice • Constructing Triangles Given Two Angles and a Side Guided Practice • Constructing Triangles Fold and Flip Notes • Constructing Triangles Given Three Side Lengths Practice • Constructing Triangles Given Angle Measurements Practice • Constructing Triangles Given Two Sides and an Angle Practice • Constructing Triangles Given Two Angles and a Side Practice • Angles and Triangles Quiz (2 pages) 	<ul style="list-style-type: none"> • Constructing Triangles Mini Book

Unit 4 : Geometry

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(3) Area and Circumference of Circles	<ul style="list-style-type: none"> • Four Warm Ups • Area and Circumference of Circles Notes (2 pages) • Area and Circumference of Circles Fold and Flip Notes • Area and Circumference of Circles Practice • Area and Circumference of Circles Applications (2 pages) 	<ul style="list-style-type: none"> • Angles and Circles Mini Book • Area Coloring Worksheet • Area Stations • Area, Circumference and Volume of Circles & Cylinders Coloring Worksheet • Christmas Holiday Composite Area Coloring Worksheet • Circles Coloring Page • Composite Area Activity (Review) • Composite Area Stations (Review) • Pi Day Cylinders Activity
(4) Cross Sections	>> Quick mini-lesson << <ul style="list-style-type: none"> • Two Warm Ups • Cross-Sections Notes • Cross-Sections Exploration • Cross-Sections Practice (2 pages) • Circles and Cross-Sections Quiz 	<ul style="list-style-type: none"> • None at this time
(5) Surface Area	<ul style="list-style-type: none"> • Four Warm Ups • Surface Area Notes & Guided Practice – Right Rectangular Prisms (2 pages) • Surface Area Notes – Triangular Prisms • Surface Area Practice – Right Rectangular Prisms (2 pages) • Surface Area Practice – Triangular Prisms 	<ul style="list-style-type: none"> • None at this time
(6) Volume	<ul style="list-style-type: none"> • Four Warm Ups • Volume Notes and Practice (4 pages) • Volume and Surface Area Fold and Flip Notes • Volume and Surface Area of Rectangular Prisms Matching Activity • Volume and Surface Area Quiz 	<ul style="list-style-type: none"> • Volume Notes and Practice • Volume of Cylinders Coloring Page
End of Unit	<ul style="list-style-type: none"> • Study Guide • Unit Post-Assessment (3 pages) 	<ul style="list-style-type: none"> • Geometry Review Booklet • Geometry Skills Assessment

Unit 5 : Analyzing Data

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Random Samples	<ul style="list-style-type: none"> • Two Warm Ups • Random Samples Exploration • Random Samples Notes • Random Samples Practice (2 pages) 	<ul style="list-style-type: none"> • Surveys and Samples Project • Surveys PowerPoint Game
(2) Measures of Center	<ul style="list-style-type: none"> • Two Warm Ups • Measures of Center Notes • Measures of Center Fold and Flip Notes • Finding Mean Scaffolded Practice • Finding Median, Mode and Range Scaffolded Practice • Measures of Center Practice 	<ul style="list-style-type: none"> • Measures of Central Tendency Coloring
(3) Measures of Variability	<ul style="list-style-type: none"> • Two Warm Ups • Measures of Variability Notes • Measures of Variability Fold and Flip Notes • Measures of Variability Practice Worksheet • Measures of Variability Real World Practice Worksheet 	<ul style="list-style-type: none"> • None at this time
(4) Visual Overlap	<ul style="list-style-type: none"> • Two Warm Ups • Visual Overlap Exploration • Visual Overlap Notes (2 pages) • Mean Absolute Deviation Fold and Flip Notes • Visual Overlap Practice (2 pages) 	<ul style="list-style-type: none"> • None at this time
End of Unit	<ul style="list-style-type: none"> • Study Guide • Unit Post-Assessment 	<ul style="list-style-type: none"> • Analyzing Data Mini Book • Circle Graph Unit Resources (Optional Review Resources)

Unit 6 : Probability

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
(1) Simple Probability	<ul style="list-style-type: none"> • Four Warm Ups • Understanding Probability Notes • Understanding Probability Fold and Flip Notes • Understanding Probability Sorting Activity • Simple Probability Notes • Theoretical and Experimental Probability Notes • Theoretical and Experimental Partner Activity • Odds vs. Probability Notes • Simple Probability Practice • Simple Probability Spinner Practice • Theoretical Probability Spinner Practice • Theoretical Probability Extra Practice (4 pages) • Experimental and Theoretical Probability Practice (3 pages) 	<ul style="list-style-type: none"> • None at this time
(2) Compound Probability	<ul style="list-style-type: none"> • Four Warm Ups • Compound Probability Notes (2 pages) • Independent and Dependent Events Sorting Activity • Independent and Dependent Events Fold and Flip Notes • Compound Probability Practice (2 pages) • Tree Diagrams Practice • Constructed Response Practice (2 pages) • Probability Quiz (Two different versions – two pages each) 	<ul style="list-style-type: none"> • Data, Probability and Graphing Activity with Candy • Independent and Dependent Probability Worksheet • Probability Coloring Worksheet • Probability Constructed Response Practice • Probability of Compound Events Notes • Probability Stations Lesson Plan
(3) Simulations	<ul style="list-style-type: none"> • Four Warm Ups • Simulations Notes • Simulations Practice Worksheets (4 different resources - 7 different pages) 	<ul style="list-style-type: none"> • Probability and Simulations Coloring Page (Coloring Version of a practice WS in the unit) • Probability and Simulations Stations

Unit 6 : Probability

Curriculum and Activities Pairing

Lesson	Curriculum Resources	Aligned Activities
End of Unit	<ul style="list-style-type: none">• Mini Review Booklet• Unit Post-Assessment	<ul style="list-style-type: none">• Carnival Game Probability Project• Probability Activity• Probability and Data Practice and Post Assessments• Probability BINGO• Probability Mini Book• Probability Quizzes• Probability Warm Ups or Exit Tickets• Statistics and Probability Review Booklet