

Grade 6 Math

Course Lesson Plan: 34 weeks

Welcome to Thinkwell's 6th Grade Math! We're thrilled that you've decided to make us part of your homeschool curriculum. This lesson plan is meant to be a guide for you and your homeschool student. Each day, you'll tackle a different topic and all the materials associated with that topic, such as video lectures, worksheets, exercises, and interactivities. If you follow our day-by-day schedule, you'll complete the full curriculum for the course in 34 weeks. Feel free to modify and amend the plan as it best works for you. And, as always, please [let us know](#) what we can do to help you get you up and running with Thinkwell's 6th Grade Math!

Week 1	
Chapter 1: Whole Numbers and Patterns	
Assignments	Notes
<u>Week 1, Day 1</u>	
1.1.1 Comparing and Ordering Whole Numbers	
<u>Week 1, Day 2</u>	
1.1.2 Estimating with Whole Numbers	
<u>Week 1, Day 3</u>	
1.1.3 Exponents	
<u>Week 1, Day 4</u>	
Subchapter 1.1 Worksheet	
<u>Week 1, Day 5</u>	
1.2.1 Order of Operations	

Week 2	
Chapter 1: Whole Numbers and Patterns	
Assignments	Notes
<u>Week 2, Day 1</u>	
1.2.2 Properties and Reasoning Methods	
<u>Week 2, Day 2</u>	
1.2.3 Choose the Method of Computation	
<u>Week 2, Day 3</u>	
1.2.4 Patterns and Sequences	
<u>Week 2, Day 4</u>	
Subchapter 1.2 Worksheet	
<u>Week 2, Day 5</u>	
Chapter 1 Practice Test	

Week 3	
Chapter 1 Test	
Chapter 2: Introduction to Algebra	
Assignments	Notes
<u>Week 3, Day 1</u>	
Chapter 1 Test	
Chapter 1 Test Score: _____	

Week 3, Day 2 2.1.1 Variables and Expressions	
Week 3, Day 3 2.1.2 Translate Between Words and Math	
Week 3, Day 4 2.1.3 Translating Between Tables and Expressions	
Week 3, Day 5 Subchapter 2.1 Worksheet	

Week 4 Chapter 2: Introduction to Algebra	
Assignments	Notes
Week 4, Day 1 2.2.1 Equations and Their Solutions	
Week 4, Day 2 2.2.2 Addition Equations	
Week 4, Day 3 2.2.3 Subtraction Equations	
Week 4, Day 4 2.2.4 Multiplication Equations	
Week 4, Day 5 2.2.5 Division Equations	

Week 5 Chapter 2 Test Chapter 3: Decimals	
Assignments	Notes
Week 5, Day 1 Subchapter 2.2 Worksheet	
Week 5, Day 2 Chapter 2 Practice Test	
Week 5, Day 3 Chapter 2 Test	Chapter 2 Test Score: _____
Week 5, Day 4 3.1.1 Representing, Comparing, and Ordering Decimals	
Week 5, Day 5 3.1.2 Rounding and Estimating Decimals	

Week 6 Chapter 3: Decimals	
Assignments	Notes
Week 6, Day 1 3.1.3 Adding and Subtracting Decimals	

Week 6, Day 2 Subchapter 3.1 Worksheet	
Week 6, Day 3 3.2.1 Multiplying Decimals	
Week 6, Day 4 3.2.2 Applying Exponents: Scientific Notation	
Week 6, Day 5 3.2.3 Dividing Decimals by Whole Numbers	

Week 7 Chapter 3: Decimals	
Assignments	Notes
Week 7, Day 1 3.2.4 Dividing by Decimals	
Week 7, Day 2 3.2.5 Solving Decimal Equations	
Week 7, Day 3 Subchapter 3.2 Worksheet, Part I	
Week 7, Day 4 Subchapter 3.2 Worksheet, Part II	
Week 7, Day 5 Chapter 3 Practice Test	

Week 8 Chapter 3 Test Chapter 4: Number Theory and Fractions	
Assignments	Notes
Week 8, Day 1 Chapter 3 Test	Chapter 3 Test Score: _____
Week 8, Day 2 4.1.1 Divisibility	
Week 8, Day 3 4.1.2 Factors and Prime Factorization	
Week 8, Day 4 4.1.3 Greatest Common Factor	
Week 8, Day 5 Subchapter 4.1 Worksheet	

Week 9 Chapter 4: Number Theory and Fractions	
Assignments	Notes
Week 9, Day 1 4.2.1 Decimals and Fractions	

Week 9, Day 2 4.2.2 Equivalent Fractions	
Week 9, Day 3 4.2.3 Mixed Numbers and Improper Fractions	
Week 9, Day 4 Subchapter 4.2 Worksheet	
Week 9, Day 5 4.3.1 Comparing and Ordering Fractions	

Week 10 Chapter 4: Number Theory and Fractions Chapter 4 Test	
Assignments	Notes
Week 10, Day 1 4.3.2 Adding and Subtracting with Like Denominators	
Week 10, Day 2 4.3.3 Estimating Fraction Sums and Differences	
Week 10, Day 3 Subchapter 4.3 Worksheet	
Week 10, Day 4 Chapter 4 Practice Test	
Week 10, Day 5 Chapter 4 Test	Chapter 4 Test Score: _____

Week 11 Chapter 5: Operations with Fractions	
Assignments	Notes
Week 11, Day 1 5.1.1 Least Common Multiple	
Week 11, Day 2 5.1.2 Adding and Subtracting with Unlike Denominators	
Week 11, Day 3 5.1.3 Adding and Subtracting Mixed Numbers	
Week 11, Day 4 5.1.4 Regrouping to Subtract Mixed Numbers	
Week 11, Day 5 5.1.5 Solving Fraction Equations: Addition and Subtraction	

Week 12 Chapter 5: Operations with Fractions	
Assignments	Notes
Week 12, Day 1 Subchapter 5.1 Worksheet	

Week 12, Day 2 5.2.1 Multiplying Fractions by Whole Numbers	
Week 12, Day 3 5.2.2 Multiplying Fractions	
Week 12, Day 4 5.2.3 Multiplying Mixed Numbers	
Week 12, Day 5 5.2.4 Dividing Fractions and Mixed Numbers	

Week 13 Chapter 5: Operations with Fractions Chapter 5 Test	
Assignments	Notes
Week 13, Day 1 5.2.5 Solving Fraction Equations: Multiplication and Division	
Week 13, Day 2 Subchapter 5.2 Worksheet, Part I	
Week 13, Day 3 Subchapter 5.2 Worksheet, Part II	
Week 13, Day 4 Chapter 5 Practice Test	
Week 13, Day 5 Chapter 5 Test	Chapter 5 Test Score: _____

Week 14 Chapter 6: Data Displays	
Assignments	Notes
Week 14, Day 1 6.1.1 Measures of Central Tendency	
Week 14, Day 2 6.1.2 Frequency Tables, Stem-and-Leaf Plots, and Line Plots	
Week 14, Day 3 6.1.3 Bar Graphs and Histograms	
Week 14, Day 4 Subchapter 6.1 Worksheet	
Week 14, Day 5 6.2.1 Line Graphs	

Week 15 Chapter 6: Data Displays Chapter 6 Test	
Assignments	Notes
Week 15, Day 1	

6.2.2 Misleading Graphs	
Week 15, Day 2 6.2.3 Choosing an Appropriate Display	
Week 15, Day 3 Subchapter 6.2 Worksheet	
Week 15, Day 4 Chapter 6 Practice Test	
Week 15, Day 5 Chapter 6 Test	Chapter 6 Test Score: _____

Week 16 Chapter 7: Proportional Relationships	
Assignments	Notes
Week 16, Day 1 7.1.1 Ratios and Rates	
Week 16, Day 2 7.1.2 Applying Rates and Ratios	
Week 16, Day 3 7.1.3 Proportions	
Week 16, Day 4 Subchapter 7.1 Worksheet	
Week 16, Day 5 7.2.1 Similar Figures	

Week 17 Chapter 7: Proportional Relationships	
Assignments	Notes
Week 17, Day 1 7.2.2 Indirect Measurement	
Week 17, Day 2 7.2.3 Scale Drawings and Maps	
Week 17, Day 3 Subchapter 7.2 Worksheet	
Week 17, Day 4 7.3.1 Percents	
Week 17, Day 5 7.3.2 Percents, Decimals, and Fractions	

Week 18 Chapter 7: Proportional Relationships Chapter 7 Test	
Assignments	Notes
Week 18, Day 1 7.3.3 Percent Problems	

Week 18, Day 2 7.3.4 Using Percents	
Week 18, Day 3 Subchapter 7.3 Worksheet	
Week 18, Day 4 Chapter 7 Practice Test	
Week 18, Day 5 Chapter 7 Test	Chapter 7 Test Score:_____

Week 19 Midterm Exam Chapter 8: Geometric Relationships	
Assignments	Notes
Week 19, Day 1 Practice Midterm Exam	
Week 19, Day 2 Midterm Exam	Midterm Exam Score:_____
Week 19, Day 3 8.1.1 Points, Lines, and Planes	
Week 19, Day 4 8.1.2 Measuring and Classifying Angles	
Week 19, Day 5 8.1.3 Angle Relationships	

Week 20 Chapter 8: Geometric Relationships	
Assignments	Notes
Week 20, Day 1 8.1.4 Classifying Lines	
Week 20, Day 2 Subchapter 8.1 Worksheet	
Week 20, Day 3 8.2.1 Triangles	
Week 20, Day 4 8.2.2 Quadrilaterals	
Week 20, Day 5 8.2.3 Polygons	

Week 21 Chapter 8: Geometric Relationships	
Assignments	Notes
Week 21, Day 1 Subchapter 8.2 Worksheet	

Week 21, Day 2 8.3.1 Geometric Patterns	
Week 21, Day 3 8.3.2 Congruent Polygons	
Week 21, Day 4 8.3.3 Transformations	
Week 21, Day 5 8.3.4 Line Symmetry	

Week 22 Chapter 8 Test Chapter 9: Measurement	
Assignments	Notes
Week 22, Day 1 Subchapter 8.3 Worksheet	
Week 22, Day 2 Chapter 8 Practice Test	
Week 22, Day 3 Chapter 8 Test	Chapter 8 Test Score: _____
Week 22, Day 4 9.1.1 Understanding Customary Units of Measure	
Week 22, Day 5 9.1.2 Understanding Metric Units of Measure	

Week 23 Chapter 9: Measurement	
Assignments	Notes
Week 23, Day 1 9.1.3 Converting Customary Units	
Week 23, Day 2 9.1.4 Converting Metric Units	
Week 23, Day 3 9.1.5 Time and Temperature	
Week 23, Day 4 Subchapter 9.1 Worksheet	
Week 23, Day 5 9.2.1 Finding Angle Measures in Polygons	

Week 24 Chapter 9: Measurement Chapter 9 Test	
Assignments	Notes
Week 24, Day 1	

9.2.2 Perimeter	
Week 24, Day 2 9.2.3 Circles and Circumference	
Week 24, Day 3 Subchapter 9.2 Worksheet	
Week 24, Day 4 Chapter 9 Practice Test	
Week 24, Day 5 Chapter 9 Test	Chapter 9 Test Score: _____

Week 25 Chapter 10: Area and Volume	
Assignments	Notes
Week 25, Day 1 10.1.1 Area of Rectangles and Parallelograms	
Week 25, Day 2 10.1.2 Area of Triangles and Trapezoids	
Week 25, Day 3 10.1.3 Area of Composite Figures	
Week 25, Day 4 10.1.4 Changing Dimensions	
Week 25, Day 5 10.1.5 Area of Circles	

Week 26 Chapter 10: Area and Volume	
Assignments	Notes
Week 26, Day 1 Subchapter 10.1 Worksheet	
Week 26, Day 2 10.2.1 Three-Dimensional Figures	
Week 26, Day 3 10.2.2 Volume of Prisms	
Week 26, Day 4 10.2.3 Volume of Cylinders	
Week 26, Day 5 10.2.4 Surface Area	

Week 27 Chapter 10 Test Chapter 11: Integers and the Coordinate Plane	
Assignments	Notes
Week 27, Day 1 Subchapter 10.2 Worksheet	

Week 27, Day 2 Chapter 10 Practice Test	
Week 27, Day 3 Chapter 10 Test	Chapter 10 Final Test Score: _____
Week 27, Day 4 11.1.1 Integers in Real-World Situations	
Week 27, Day 5 11.1.2 Comparing and Ordering Integers	

Week 28 Chapter 11: Integers and the Coordinate Plane	
Assignments	Notes
Week 28, Day 1 11.1.3 The Coordinate Plane	
Week 28, Day 2 11.1.4 Transformations in the Coordinate Plane	
Week 28, Day 3 Subchapter 11.1 Worksheet	
Week 28, Day 4 11.2.1 Adding Integers	
Week 28, Day 5 11.2.2 Subtracting Integers	

Week 29 Chapter 11: Integers and the Coordinate Plane	
Assignments	Notes
Week 29, Day 1 11.2.3 Multiplying Integers	
Week 29, Day 2 11.2.4 Dividing Integers	
Week 29, Day 3 11.2.5 Solving Integer Equations	
Week 29, Day 4 Subchapter 11.2 Worksheet, Part I	
Week 29, Day 5 Subchapter 11.2 Worksheet, Part II	

Week 30 Chapter 11 Test Chapter 12: Functions, Equations, and Inequalities	
Assignments	Notes
Week 30, Day 1 Chapter 11 Practice Test	

Week 30, Day 2 Chapter 11 Test	Chapter 11 Test Score: _____
Week 30, Day 3 12.1.1 Tables and Functions	
Week 30, Day 4 12.1.2 Graphing Functions	
Week 30, Day 5 12.1.3 Slope and Rate of Change	

Week 31 Chapter 12: Functions, Equations, and Inequalities	
Assignments	Notes
Week 31, Day 1 Subchapter 12.1 Worksheet	
Week 31, Day 2 12.2.1 Solving Two-Step Equations	
Week 31, Day 3 12.2.2 Solving Inequalities	
Week 31, Day 4 12.2.3 Solving Two-Step Inequalities	
Week 31, Day 5 Subchapter 12.2 Worksheet, Part I	

Week 32 Chapter 12 Test Chapter 13: Probability	
Assignments	Notes
Week 32, Day 1 Subchapter 12.2 Worksheet, Part II	
Week 32, Day 2 Chapter 12 Practice Test	
Week 32, Day 3 Chapter 12 Test	Chapter 12 Final Test Score: _____
Week 32, Day 4 13.1.1 Introduction to Probability	
Week 32, Day 5 13.1.2 Experimental Probability	

Week 33 Chapter 13: Probability	
Assignments	Notes
Week 33, Day 1 13.1.3 Counting Methods and Sample Spaces	

Week 33, Day 2 Subchapter 13.1 Worksheet	
Week 33, Day 3 13.2.1 Theoretical Probability	
Week 33, Day 4 13.2.2 Compound Events	
Week 33, Day 5 13.2.3 Making Predictions	

Week 34 Chapter 13 Test Final Exam	
Assignments	Notes
Week 34, Day 1 Subchapter 13.2 Worksheet	
Week 34, Day 2 Chapter 13 Practice Test	
Week 34, Day 3 Chapter 13 Test	Chapter 13 Test Score: _____
Week 34, Day 4 Practice Final	
Week 34, Day 5 Final Exam	Final Exam Score: _____