Thinkwell's Homeschool Grade 6 Math | Course Lesson Plan: 36 weeks

Welcome to Thinkwell's Homeschool Grade 6 Math!

Thank you for making us part of your homeschool curriculum. This 36-week lesson plan is meant to be a guide for you and your homeschool student. Feel free to modify this plan to suit your individual needs.

As described below, each day your student will study a different topic and all the materials associated with that topic, such as video lectures, exercises, and worksheets. Expect to spend about an hour to an hour and a half per day on the content suggested here.

If you follow our day-by-day schedule, you'll complete the full curriculum for the course in 36 weeks. Please let us know if we can assist you with any of the material here. We're happy to be your partner in thinking well.
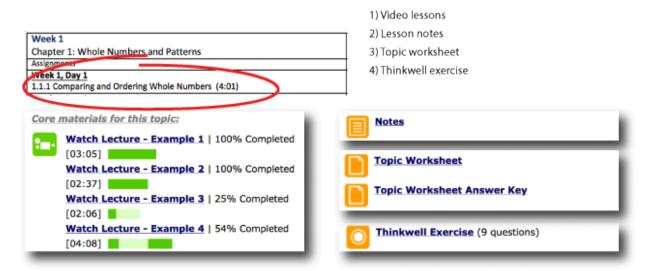
Schedule Overview:

Weeks 1 - 3	Chapter 1: Whole Numbers and Patterns
Weeks 3 - 6	Chapter 2: Introduction to Algebra
Weeks 6 - 9	Chapter 3: Decimals
Weeks 9 - 13	Chapter 4: Number Theory and Fractions
Weeks 14 - 17	Chapter 5: Operations with Fractions
Week 17	Midterm
Weeks 18 – 19	Chapter 6: Data Displays
Weeks 19 - 22	Chapter 7: Proportional Relationships
Weeks 22 – 25	Chapter 8: Geometric Relationships & Midterm
Weeks 25 – 28	Chapter 9: Measurement
Weeks 28 – 32	Chapter 10: Area and Volume
Weeks 32 – 35	Chapter 11: Integers and the Coordinate Plane
Week 36	Final Exam

On the pages that follow is a week-by-week, day-by-day list of Grade 6 Math content for your student to complete in order to stay on track with Thinkwell's Grade 6 Math coursework. Under each week's header you'll see what chapter your student will be working on, along with the daily assignments for that chapter.

On a given day, your student may have one or more topics to complete. The online content for that topic will typically include one or more video lessons for your student to watch. The total time for the video lessons is noted in parentheses next to the topic name.

Each topic listed in this lesson plan will have a core set of content for your student to view and complete:

1) Video lessons
2) Lesson notes
3) Topic worksheet
4) Thinkwell exercise

We suggest that your student first open the notes for that topic. Notes will include key terms, definitions, formulas and illustrations. You may want to print the notes so that your student can take notes on the lesson content as they view the videos. Printed notes are available to purchase as a book if you choose.

Next, we suggest that your student view the video lessons in their entirety.

Finally, students can complete the topic worksheet or they can do the Thinkwell online exercise to demonstrate that they've successfully understood the concepts presented in the lesson. Worksheets and exercises are for practice only and will not count towards the course grade.

After your student has completed a section of topics, they will take a section quiz. Quizzes are available on the Assessments page, and are available to take once for a grade. Practice and Chapter Tests will be scheduled at the end of each chapter. Midterm and Final Exams are also available and are scheduled for weeks 17 and 36, respectively.

As always, feel free to modify this plan to best suit your student's needs. If at any time you require assistance with your course, please reach out to us at support@thinkwell.com.

We're happy to be your partner in thinking well.

Week 1	
Chapter 1: Whole Numbers and Patterns	
Assignments	*Notes*
Week 1, Day 1 ☐ 1.1.1 Comparing and Ordering Whole Numbers (4:01)	
Week 1, Day 2 ☐ 1.1.2 Estimating with Whole Numbers (4:03)	
Week 1, Day 3 ☐ 1.1.3 Exponents (5:59)	
Week 1, Day 4 ☐ Subchapter 1.1 Worksheet: Whole Numbers and Exponents	
Week 1, Day 5 ☐ Subchapter 1.1 Quiz	

Week 2	
Chapter 1: Whole Numbers and Patterns	
Assignments	*Notes*
Week 2, Day 1 ☐ 1.2.1 Order of Operations (7:27)	
Week 2, Day 2 ☐ 1.2.2 Properties of Reasoning Methods (7:29)	
Week 2, Day 3 ☐ 1.2.3 Choose the Method of Computation (5:49)	
Week 2, Day 4 ☐ 1.2.4 Patterns and Sequences (9:23)	
Week 2, Day 5 ☐ Subchapter 1.2 Worksheet: Using Whole Numbers	

Week 3	
Chapter 1: Whole Numbers and Patterns Chapter 1 Test Chapter 2: Introduction to Algebra	
Assignments	*Notes*
Week 3, Day 1 ☐ Subchapter 1.2 Quiz	
Week 3, Day 2 ☐ Chapter 1 Practice Test	
Week 3, Day 3 ☐ Chapter 1 Test	Chapter 1 Test Score: _____
Week 3, Day 4 ☐ 2.1.1 Variables and Expressions (6:08)	
Week 3, Day 5 ☐ 2.1.2 Translate Between Words and Math (6:12)	

Week 4	
Chapter 2: Introduction to Algebra	
Assignments	*Notes*
Week 4, Day 1	
☐ 2.1.3 Translating Between Tables and Expressions (11:51), *day 1*	
Week 4, Day 2	
☐ 2.1.3 Translating Between Tables and Expressions (11:51), *day 2*	
Week 4, Day 3	
☐ Subchapter 2.1 Worksheet: Variables and Expressions	
Week 4, Day 4	
☐ Subchapter 2.1 Quiz	
Week 4, Day 5	
☐ 2.2.1 Equations and Their Solutions (9:07)	

Week 5	
Chapter 2: Introduction to Algebra	
Assignments	*Notes*
Week 5, Day 1	
☐ 2.2.2 Addition Equations (8:22)	
Week 5, Day 2	
☐ 2.2.3 Subtraction Equations (7:19)	
Week 5, Day 3	
☐ 2.2.4 Multiplications Equations (7:39)	
Week 5, Day 4	
☐ 2.2.5 Division Equations (6:30)	
Week 5, Day 5	
☐ Subchapter 2.2 Worksheet: Introduction to Equations	

Week 6	
Chapter 2: Introduction to Algebra	
Chapter 2 Test	
Chapter 3: Decimals	
Assignments	*Notes*
Week 6, Day 1	
☐ Subchapter 2.2 Quiz	
Week 6, Day 2	Chapter 2 Test
☐ Chapter 2 Test	Score:____
Week 6, Day 3	
☐ 3.1.1 Representing, Comparing, and Ordering Decimals (8:36)	
Week 6, Day 4	
☐ 3.1.2 Rounding and Estimating Decimals (7:44)	
Week 6, Day 5	
☐ 3.1.3 Adding and Subtracting Decimals (6:02)	

Week 7	
Chapter 3: Decimals	
Assignments	*Notes*
Week 7, Day 1	
☐ Subchapter 3.1 Worksheet: Introduction to Decimals	
Week 7, Day 2	
☐ Subchapter 3.1 Quiz	
Week 7, Day 3	
☐ 3.2.1 Multiplying Decimals (8:58), *day 1*	
Week 7, Day 4	
☐ 3.2.1 Multiplying Decimals (8:58), *day 2*	
Week 7, Day 5	
☐ 3.2.2 Applying Exponents: Scientific Notation (9:34), *day 1*	

Week 8	
Chapter 3: Decimals	
Assignments	*Notes*
Week 8, Day 1	
☐ 3.2.2 Applying Exponents: Scientific Notation (9:34), *day 2*	
Week 8, Day 2	
☐ 3.2.3 Dividing Decimals by Whole Numbers (8:47)	
Week 8, Day 3	
☐ 3.2.4 Dividing by Decimals (11:51)	
Week 8, Day 4	
☐ 3.2.5 Solving Decimal Equations (2:01)	
Week 8, Day 5	
☐ Subchapter 3.2 Worksheet: Multiplying and Dividing Decimals, Part I	

Week 9	
Chapter 3: Decimals	
Chapter 3 Test	
Chapter 4: Number Theory and Fractions	
Assignments	*Notes*
Week 9, Day 1	
☐ Subchapter 3.2 Worksheet: Multiplying and Dividing Decimals, Part II	
Week 9, Day 2	
☐ Subchapter 3.2 Quiz	
Week 9, Day 3	
☐ Chapter 3 Practice Test	
Week 9, Day 4	Chapter 3 Test Score:_____
☐ Chapter 3 Test	
Week 9, Day 5	
☐ 4.1.1 Divisibility (8:22)	

Week 10	
Chapter 4: Number Theory and Fractions	
Assignments	*Notes*
Week 10, Day 1 ☐ 4.1.2 Factors and Prime Factorization (10:34)	
Week 10, Day 2 ☐ 4.1.3 Greatest Common Factor (11:16)	
Week 10, Day 3 ☐ Subchapter 4.1 Worksheet: Number Theory	
Week 10, Day 4 ☐ Subchapter 4.1 Quiz	
Week 10, Day 5 ☐ 4.2.1 Decimals and Fractions (10:09), *day 1*	

Week 11	
Chapter 4: Number Theory and Fractions	
Assignments	*Notes*
Week 11, Day 1 ☐ 4.2.1 Decimals and Fractions (10:09), *day 2*	
Week 11, Day 2 ☐ 4.2.2 Equivalent Fractions (10:27), *day 1*	
Week 11, Day 3 ☐ 4.2.2 Equivalent Fractions (10:27), *day 2*	
Week 11, Day 4 ☐ 4.2.3 Mixed Numbers and Improper Fractions (6:36)	
Week 11, Day 5 ☐ Subchapter 4.2 Worksheet: Representing Fractions	

Week 12	
Chapter 4: Number Theory and Fractions	
Assignments	*Notes*
Week 12, Day 1 ☐ Subchapter 4.2 Quiz	
Week 12, Day 2 ☐ 4.3.1 Comparing and Ordering Fractions (11:34), *day 1*	
Week 12, Day 3 ☐ 4.3.1 Comparing and Ordering Fractions (11:34), *day 2*	
Week 12, Day 4 ☐ 4.3.2 Adding and Subtracting with Like Denominators (10:21), *day 1*	
Week 12, Day 5 ☐ 4.3.2 Adding and Subtracting with Like Denominators (10:21), *day 2*	

Week 13	
Chapter 4: Number Theory and Fractions	
Chapter 4 Test	
Assignments	*Notes*
Week 13, Day 1	
☐ 4.3.3 Estimating Fraction Sums and Differences (9:26)	
Week 13, Day 2	
☐ Subchapter 4.3 Worksheet: Introduction to Operations with Fractions	
Week 13, Day 3	
☐ Subchapter 4.3 Quiz	
Week 13, Day 4	
☐ Chapter 4 Practice Test	
Week 13, Day 5	Chapter 4 Test
☐ Chapter 4 Test	Score: _____

Week 14	
Chapter 5: Operations with Fractions	
Assignments	*Notes*
Week 14, Day 1	
☐ 5.1.1 Least Common Multiple (11:11)	
Week 14, Day 2	
☐ 5.1.2 Adding and Subtracting with Unlike Denominators (13:17), *day 1*	
Week 14, Day 3	
☐ 5.1.2 Adding and Subtracting with Unlike Denominators (13:17), *day 2*	
Week 14, Day 4	
☐ 5.1.3 Adding and Subtracting Mixed Numbers (9:55)	
Week 14, Day 5	
☐ 5.1.4 Regrouping to Subtract Mixed Numbers (8:41)	

Week 15	
Chapter 5: Operations with Fractions	
Assignments	*Notes*
Week 15, Day 1	
☐ Subchapter 5.1 Worksheet: Adding and Subtracting Fractions	
Week 15, Day 2	
☐ Subchapter 5.1 Quiz	
Week 15, Day 3	
☐ 5.2.1 Multiplying Fractions by Whole Numbers (8:14)	
Week 15, Day 4	
☐ 5.2.2 Multiplying Fractions (10:15)	
Week 15, Day 5	
☐ 5.2.3 Multiplying Mixed Numbers (12:25), *day 1*	

Week 16	
Chapter 5: Operations with Fractions	
Assignments	*Notes*
Week 16, Day 1 ☐ 5.2.3 Multiplying Mixed Numbers (12:25), *day 2*	
Week 16, Day 2 ☐ 5.2.4 Dividing Fractions and Mixed Numbers (13:39), *day 1*	
Week 16, Day 3 ☐ 5.2.4 Dividing Fractions and Mixed Numbers (13:39), *day 2*	
Week 16, Day 4 ☐ Subchapter 5.2 Worksheet: Multiplying and Dividing Fractions, Part I	
Week 16, Day 5 ☐ Subchapter 5.2 Worksheet: Multiplying and Dividing Fractions, Part II	

Week 17	
Chapter 5: Operations with Fractions Chapter 5 Test Midterm	
Assignments	*Notes*
Week 17, Day 1 ☐ Subchapter 5.2 Quiz	
Week 17, Day 2 ☐ Chapter 5 Practice Test	
Week 17, Day 3 ☐ Chapter 5 Test	Chapter 5 Test Score: _____
Week 17, Day 4 ☐ Midterm Practice Exam	
Week 17, Day 5 ☐ **Midterm Exam**	Midterm Exam Score: _____

Week 18	
Chapter 6: Data Displays	
Assignments	*Notes*
Week 18, Day 1 ☐ 6.1.1 Measures of Central Tendency (17:27), *day 1*	
Week 18, Day 2 ☐ 6.1.1 Measures of Central Tendency (17:27), *day 2*	
Week 18, Day 3 ☐ 6.1.2 Frequency Tables, Stem-and-Leaf Plots, and Line Plots (12:56), *day 1*	
Week 18, Day 4 ☐ 6.1.2 Frequency Tables, Stem-and-Leaf Plots, and Line Plots (12:56), *day 2*	
Week 18, Day 5 ☐ 6.1.3 Bar Graphs and Histograms (12:21), *day 1*	

Week 19	
Chapter 6: Data Displays	
Chapter 7: Proportional Relationships	
Assignments	*Notes*
Week 19, Day 1	
☐ 6.1.3 Bar Graphs and Histograms (12:21), *day 2*	
Week 19, Day 2	
☐ Subchapter 6.1 Worksheet: Organizing and Displaying Data	
Week 19, Day 3	
☐ Subchapter 6.1 Quiz	
Week 19, Day 4	
☐ 7.1.1 Ratios and Rates (7:07)	
Week 19, Day 5	
☐ 7.1.2 Applying Rates and Ratios (11:52), *day 1*	

Week 20	
Chapter 7: Proportional Relationships	
Assignments	*Notes*
Week 20, Day 1	
☐ 7.1.2 Applying Rates and Ratios (11:52), *day 2*	
Week 20, Day 2	
☐ 7.1.3 Proportions (6:52)	
Week 20, Day 3	
☐ Subchapter 7.1 Worksheet: Ratios and Proportions	
Week 20, Day 4	
☐ Subchapter 7.1 Quiz	
Week 20, Day 5	
☐ 7.2.1 Percents (8:40)	

Week 21	
Chapter 7: Proportional Relationships	
Assignments	*Notes*
Week 21, Day 1	
☐ 7.2.2 Percents, Decimals, and Fractions (6:31)	
Week 21, Day 2	
☐ 7.2.3 Percent Problems (12:09), *day 1*	
Week 21, Day 3	
☐ 7.2.3 Percent Problems (12:09), *day 2*	
Week 21, Day 4	
☐ 7.2.4 Using Percents (8:20)	
Week 21, Day 5	
☐ Subchapter 7.2 Worksheet: Percent	

Week 22	
Chapter 7: Proportional Relationships Chapters 6 and 7 Test Chapter 8: Geometric Relationships	
Assignments	*Notes*
Week 22, Day 1 ☐ Subchapter 7.2 Quiz	
Week 22, Day 2 ☐ Chapters 6 and 7 Practice Test	
Week 22, Day 3 ☐ Chapters 6 and 7 Test	Chapters 6 and 7 Test Score: _____
Week 22, Day 4 ☐ 8.1.1 Points, Lines, and Planes (10:51)	
Week 22, Day 5 ☐ 8.1.2 Measuring and Classifying Angles (9:44), *day 1*	

Week 23	
Chapter 8: Geometric Relationships	
Assignments	*Notes*
Week 23, Day 1 ☐ 8.1.2 Measuring and Classifying Angles (9:44), *day 2*	
Week 23, Day 2 ☐ 8.1.3 Angle Relationships (7:36)	
Week 23, Day 3 ☐ 8.1.4 Classifying Lines (5:28)	
Week 23, Day 4 ☐ Subchapter 8.1 Worksheet: Lines and Angles	
Week 23, Day 5 ☐ Subchapter 8.1 Quiz	

Week 24	
Chapter 8: Geometric Relationships	
Assignments	*Notes*
Week 24, Day 1 ☐ 8.2.1 Triangles (12:53), *day 1*	
Week 24, Day 2 ☐ 8.2.1 Triangles (12:53), *day 2*	
Week 24, Day 3 ☐ 8.2.2 Quadrilaterals (5:51)	
Week 24, Day 4 ☐ 8.2.3 Polygons (9:29)	
Week 24, Day 5 ☐ Subchapter 8.2 Worksheet: Polygons	

Week 25 Chapter 8: Geometric Relationships Chapter 8 Test Chapter 9: Measurement	
Assignments	*Notes*
Week 25, Day 1 ☐ Subchapter 8.2 Quiz	
Week 25, Day 2 ☐ Chapter 8 Practice Test	
Week 25, Day 3 ☐ Chapter 8 Test	Chapter 8 Test Score: _____
Week 25, Day 4 ☐ 9.1.1 Understanding Customary Units of Measure (8:19)	
Week 25, Day 5 ☐ 9.1.2 Understanding Metric Units of Measure (7:08)	

Week 26 Chapter 9: Measurement	
Assignments	*Notes*
Week 26, Day 1 ☐ 9.1.3 Converting Customary Units (7:35)	
Week 26, Day 2 ☐ 9.1.4 Converting Metric Units (8:50)	
Week 26, Day 3 ☐ 9.1.5 Time and Temperature (13:47), *day 1*	
Week 26, Day 4 ☐ 9.1.5 Time and Temperature (13:47), *day 2*	
Week 26, Day 5 ☐ Subchapter 9.1 Worksheet: Customary and Metric Measurement	

Week 27 Chapter 9: Measurement	
Assignments	*Notes*
Week 27, Day 1 ☐ Subchapter 9.1 Quiz	
Week 27, Day 2 ☐ 9.2.1 Finding Angle Measures in Polygons (6:07)	
Week 27, Day 3 ☐ 9.2.2 Perimeter (9:08)	
Week 27, Day 4 ☐ 9.2.3 Circles and Circumference (11:33), *day 1*	
Week 27, Day 5 ☐ 9.2.3 Circles and Circumference (11:33), *day 2*	

Week 28	
Chapter 9: Measurement	
Chapter 9 Test	
Chapter 10: Area and Volume	
Assignments	Notes
Week 28, Day 1 ☐ Subchapter 9.2 Worksheet: Measuring Geometric Figures	
Week 28, Day 2 ☐ Subchapter 9.2 Quiz	
Week 28, Day 3 ☐ Chapter 9 Practice Test	
Week 28, Day 4 ☐ Chapter 9 Test	Chapter 9 Test Score: _____
Week 28, Day 5 ☐ 10.1.1 Area of Rectangles and Parallelograms (9:56), *day 1*	

Week 29	
Chapter 10: Area and Volume	
Assignments	Notes
Week 29, Day 1 ☐ 10.1.1 Area of Rectangles and Parallelograms (9:56), *day 2*	
Week 29, Day 2 ☐ 10.1.2 Area of Triangles and Trapezoids (11:08), *day 1*	
Week 29, Day 3 ☐ 10.1.2 Area of Triangles and Trapezoids (11:08), *day 2*	
Week 29, Day 4 ☐ 10.1.3 Area of Composite Figures (8:42)	
Week 29, Day 5 ☐ 10.1.4 Changing Dimensions (12:58), *day 1*	

Week 30	
Chapter 10: Area and Volume	
Assignments	Notes
Week 30, Day 1 ☐ 10.1.4 Changing Dimensions (12:58), *day 2*	
Week 30, Day 2 ☐ 10.1.5 Area of Circles (11:08)	
Week 30, Day 3 ☐ Subchapter 10.1 Worksheet: Area	
Week 30, Day 4 ☐ Subchapter 10.1 Quiz	
Week 30, Day 5 ☐ 10.2.1 Three-Dimensional Figures (8:21)	

Week 31 Chapter 10: Area and Volume	
Assignments	*Notes*
Week 31, Day 1 ☐ 10.2.2 Volume of Prisms (8:40)	
Week 31, Day 2 ☐ 10.2.3 Volume of Cylinders (11:54), *day 1*	
Week 31, Day 3 ☐ 10.2.3 Volume of Cylinders (11:54), *day 2*	
Week 31, Day 4 ☐ 10.2.4 Surface Area (13:52), *day 1*	
Week 31, Day 5 ☐ 10.2.4 Surface Area (13:52), *day 2*	

Week 32 Chapter 10: Area and Volume Chapter 10 Test Chapter 11: Integers and the Coordinate Plane	
Assignments	*Notes*
Week 32, Day 1 ☐ Subchapter 10.2 Worksheet: Volume and Surface Area	
Week 32, Day 2 ☐ Subchapter 10.2 Quiz	
Week 32, Day 3 ☐ Chapter 10 Practice Test	
Week 32, Day 4 ☐ Chapter 10 Test	Chapter 10 Test Score: ____
Week 32, Day 5 ☐ 11.1.1 Integers in Real-World Situations (4:54)	

Week 33 Chapter 11: Integers and the Coordinate Plane	
Assignments	*Notes*
Week 33, Day 1 ☐ 11.1.2 Comparing and Ordering Integers (7:34)	
Week 33, Day 2 ☐ 11.1.3 The Coordinate Plane (9:04), *day 1*	
Week 33, Day 3 ☐ 11.1.3 The Coordinate Plane (9:04), *day 2*	
Week 33, Day 4 ☐ Subchapter 11.1 Worksheet: Introduction to Integers	
Week 33, Day 5 ☐ Subchapter 11.1 Quiz	

	Notes
Week 34 Chapter 11: Integers and the Coordinate Plane	
Assignments	*Notes*
Week 34, Day 1 ☐ 11.2.1 Adding Integers (9:45), *day 1*	
Week 34, Day 2 ☐ 11.2.1 Adding Integers (9:45), *day 2*	
Week 34, Day 3 ☐ 11.2.2 Subtracting Integers (6:14)	
Week 34, Day 4 ☐ 11.2.3 Multiplying Integers (6:32)	
Week 34, Day 5 ☐ 11.2.4 Dividing Integers (3:41)	

	Notes
Week 35 Chapter 11: Integers and the Coordinate Plane Chapter 11 Test	
Assignments	*Notes*
Week 35, Day 1 ☐ Subchapter 11.2 Worksheet: Operations with Integers, Part I	
Week 35, Day 2 ☐ Subchapter 11.2 Worksheet: Operations with Integers, Part II	
Week 35, Day 3 ☐ Subchapter 11.2 Quiz	
Week 35, Day 4 ☐ Chapter 11 Practice Test	
Week 35, Day 5 ☐ Chapter 11 Test	Chapter 11 Test Score: ____

	Notes
Week 36 Final Exam	
Assignments	*Notes*
Week 36, Day 1 ☐ Study for Final Exam	
Week 36, Day 2 ☐ Study for Final Exam	
Week 36, Day 3 ☐ Study for Final Exam	
Week 36, Day 4 ☐ Practice Final Exam	
Week 36, Day 5 ☐ **Final Exam**	Final Exam Test Score: ____