



SUBJECT: Math

GRADE LEVEL: 6

TEACHER: Joanne Ward

SCHOOL YEAR: 2024-25

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COURSE DESCRIPTION:

Math 6 is designed to build a strong foundation in mathematical concepts and problem-solving skills. This course follows the Common Core State Standards (CCSS) for 6th-grade mathematics, covering topics such as ratios and proportional relationships, the number system, expressions and equations, geometry, and statistics and probability.

COURSE OBJECTIVES:

By the end of this course, students will be able to:

- Understand and apply ratio concepts and use ratio reasoning to solve problems.
- Develop a deeper understanding of the number system, including operations with fractions and decimals, and work with negative numbers.
- Write, read, and evaluate expressions, and solve equations and inequalities.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Understand and use statistical methods to describe and analyze data.

PRIMARY TEXTBOOK & OTHER RESOURCES:

Savvas Learning Company. (2021). EnVision Mathematics (6th grade ed.). Savvas Learning Company. Scientific calculators may be used if instructed by the teacher.

ASSESSMENT:

- Tests and Quizzes: 30%
 - Daily Entry Tasks: 2 points each
 - Chapter Tests: 30 points each
- Homework, Seatwork, and Projects: 30%
 - “Check Your Understanding” Reflections: 5 points each
 - Class Notes: 5 points each
- Quarter Exam: 30%
 - Service Project as a group 10%
 - Math Tasks 20%
- Department: 10%

ADDITIONAL INFORMATION:

SUBJECT: Gr.6 Math
1st QUARTER – TENTATIVE COURSE CONTENT

Week / Date	Topic / Projects / Assessments
<p style="text-align: center;">Week 1 Aug 12th to 16th 4 Days of Class 12~ First Day / Orientation Day 15~ Opening Mass & Assumption of Our Lady 8:00 15~ Induction of Class, Student Council Officers and DYM</p>	<p>08-13-2024 1-1: Fluently Add, Subtract, and Multiply Decimals</p> <p>08-14-2024 1-2: Fluently Divide Whole Numbers and Decimals</p> <p>08-15-2024 1-2: Fluently Divide Whole Numbers and Decimals</p> <p>08-16-2024 1-2: Fluently Divide Whole Numbers and Decimals</p>
<p style="text-align: center;">Week 2 Aug 19th to 23rd</p>	<p>08-19-2024 1-3: Multiply Fractions</p> <p>08-20-2024 1-3: Multiply Fractions</p> <p>08-21-2024 1-4: Understand Division with Fractions</p> <p>08-22-2024 1-4: Understand Division with Fractions</p> <p>08-23-2024 1-5: Divide Fractions by Fractions</p>
<p style="text-align: center;">Week 3 Aug 26st to 30th 26~Fire drill? 26~Middle and High School Catholic Bridge Program (after assembly) 28~St. Dominic de Guzman Feast Day Celebration</p>	<p>08-26-2024 1-5: Divide Fractions by Fractions</p> <p>08-27-2024 1-5: Divide Fractions by Fractions</p> <p>08-28-2024 1-6: Divide Mixed Numbers</p> <p>08-29-2024 1-6: Divide Mixed Numbers</p> <p>08-30-2024 1-7: Solve Problems with Rational Numbers</p>
<p style="text-align: center;">Week 4 Sep 2nd to 6th 2~House Ceremony</p>	<p>09-02-2024 1-7: Solve Problems with Rational Numbers</p> <p>09-03-2024 Ch1 Test</p> <p>09-04-2024 2-1: Understand Integers</p>

	<p>09-05-2024 2-1: Understand Integers</p> <p>09-06-2024 2-2: Represent Rational Numbers on the Number Line</p>
<p>Week 5 Sep 9th to 13th 9~ Mass & Birthday Mother Mary & VIP Induction</p>	<p>09-09-2024 2-2: Represent Rational Numbers on the Number Line</p> <p>09-10-2024 2-3: Absolute Values of Rational Numbers</p> <p>09-11-2024 2-3: Absolute Values of Rational Numbers</p> <p>09-12-2024 2-4: Represent Rational Numbers on the Coordinate Plane</p> <p>09-13-2024 2-4: Represent Rational Numbers on the Coordinate Plane</p>
<p>Week 6 Sep 16th to 20th 1 Day of Class 17~Moon Festival 18-20~ Teacher's Conference</p>	<p>09-16-2024 2-5: Find Distances on the Coordinate Plane</p>
<p>Week 7 Sep 23rd to 27th 24-26~Pre-Exam Days</p>	<p>09-23-2024 2-4: Represent Rational Numbers on the Coordinate Plane</p> <p>09-24-2024 2-5: Find Distances on the Coordinate Plane</p> <p>09-25-2024 2-5: Find Distances on the Coordinate Plane</p> <p>09-26-2024 2-6: Represent Polygons on the Coordinate Plane</p> <p>09-27-2024 2-6: Represent Polygons on the Coordinate Plane</p>
<p>Week 8 Sep 30th to Oct 4th</p>	<p>09-30-2024 Ch2 Test</p> <p>10-01-2024 2-5: Find Distances on the Coordinate Plane</p> <p>10-02-2024 2-6: Represent Polygons on the Coordinate Plane</p> <p>10-03-2024 2-6: Represent Polygons on the Coordinate Plane</p> <p>10-04-2024 Ch2 Test</p>
<p>Week 9 Oct 7th to 11th 1 Day of Class</p>	<p>10-07-2024 Q1 Exam</p>

7~Launching - Rosary Month and
Bullying Prevention Day
8-9 ~Q1 Exams
10~Double Ten
11~Record Day

2nd QUARTER – TENTATIVE COURSE CONTENT

Week / Date	Topic / Projects / Assessments
Week 1 (10) Oct 14th to 18th 14~ Second Quarter Begins	10-14-2024 3-1: Understand and Represent Exponents 10-15-2024 3-1: Understand and Represent Exponents 10-16-2024 3-2: Find Greatest Common Factor and Least Common Multiple 10-17-2024 3-2: Find Greatest Common Factor and Least Common Multiple 10-18-2024 3-3: Write and Evaluate Numerical Expressions
Week 2 (11) Oct 21st to 25th 25 – Book Fair 25- Masquerade Night	10-21-2024 3-3: Write and Evaluate Numerical Expressions 10-22-2024 3-4: Write Algebraic Expressions 10-23-2024 3-4: Write Algebraic Expressions 10-24-2024 3-5: Evaluate Algebraic Expressions 10-25-2024 3-5: Evaluate Algebraic Expressions
Week 3 (12) Oct 28th to Nov 1st 1-All Saint's Day Mass	10-28-2024 3-6: Generate Equivalent Expressions 10-29-2024 3-6: Generate Equivalent Expressions 10-30-2024 3-7: Simplify Algebraic Expressions 10-31-2024 3-7: Simplify Algebraic Expressions 11-01-2024 Ch3 Review
Week 4 (13) Nov 4th to Nov 8th	11-04-2024 Ch3 Test 11-05-2024

	<p>4-1: Understand Equations and Solutions</p> <p>11-06-2024 4-1: Understand Equations and Solutions</p> <p>11-07-2024 4-2: Apply Properties of Equality</p> <p>11-08-2024 4-2: Apply Properties of Equality</p>
<p>Week 5 (14) Nov 11th to 15th</p>	<p>11-11-2024 4-3: Write and Solve Addition and Subtraction Equations</p> <p>11-12-2024 4-3: Write and Solve Addition and Subtraction Equations</p> <p>11-13-2024 4-4: Write and Solve Multiplication and Division Equations</p> <p>11-14-2024 4-4: Write and Solve Multiplication and Division Equations</p> <p>11-15-2024 4-5: Write and Solve Equations with Rational Numbers</p>
<p>Week 6 (15) Nov 18th to 22nd 22-Gr.12 Q2 Exam 22 - YSC Contest</p>	<p>11-18-2024 4-5: Write and Solve Equations with Rational Numbers</p> <p>11-19-2024 4-6: Understand and Write Inequalities</p> <p>11-20-2024 4-6: Understand and Write Inequalities</p> <p>11-21-2024 4-7: Solve Inequalities</p> <p>11-22-2024 4-7: Solve Inequalities</p>
<p>Week 7 (16) Nov 25th to 29th 25-Gr.12 Q2 Exam 26-28~Pre-Exam Day</p>	<p>11-25-2024 4-8: Understand Dependent and Independent Variables</p> <p>11-26-2024 4-8: Understand Dependent and Independent Variables</p> <p>11-27-2024 4-9: Use Patterns to Write and Solve Equations</p> <p>11-28-2024 4-9: Use Patterns to Write and Solve Equations</p> <p>11-29-2024 4-10: Relate Tables, Graphs, and Equations</p>

<p>Week 8 (17) Dec 2nd to Dec 6th <u>6~Half Day</u> Foundation Day Celebrations</p>	<p>12-02-2024 4-10: Relate Tables, Graphs, and Equations</p> <p>12-03-2024 Ch4 Test</p> <p>12-04-2024 5-1: Understand Ratios</p> <p>12-05-2024 5-1: Understand Ratios</p> <p>12-06-2024 5-2: Generate Equivalent Ratios</p>
<p>Week 9 (18) Dec 9th to 13th <u>3 Days of Class</u> 12-13 ~Q2 Exams</p>	<p>12-09-2024 5-2: Generate Equivalent Ratios</p> <p>12-10-2024 Review Ch3-4</p> <p>12-11-2024 Q2 Exam</p>
<p>Dec 16th to Jan 3rd</p>	<p>Christmas Break</p>

3rd QUARTER – TENTATIVE COURSE CONTENT

Week / Date	Topic / Projects / Assessments
<p>Week 1 (19) Jan 6th to 10th <u>4 Days of Class</u> 6~Record Day 7~Third Quarter Begins 10 ~ New Year Mass</p>	<p>01-06-2025 5-3: Compare Ratios</p> <p>01-07-2025 5-3: Compare Ratios</p> <p>01-08-2025 5-4: Represent and Graph Ratios</p> <p>01-09-2025 5-4: Represent and Graph Ratios</p> <p>01-10-2025 5-5: Understand Rates and Unit Rates</p>
<p>Week 2 (20) Jan 13th to 17th</p>	<p>01-13-2025 5-5: Understand Rates and Unit Rates</p> <p>01-14-2025 5-5: Understand Rates and Unit Rates</p> <p>01-15-2025 5-6: Compare Unit Rates</p> <p>01-16-2025 5-6: Compare Unit Rates</p> <p>01-17-2025 5-7: Solve Unit Rate Problems</p>

Week 3 (21) Jan 20th to 24th	01-20-2025 5-7: Solve Unit Rate Problems 01-21-2025 5-8: Ratio Reasoning: Convert Customary Units 01-22-2025 5-8: Ratio Reasoning: Convert Customary Units 01-23-2025 5-9: Ratio Reasoning: Convert Metric Units 01-24-2025 5-9: Ratio Reasoning: Convert Metric Units
Jan 27th to Jan 31st	Chinese New Year
Week 4 (22) Feb 3rd to 7th	02-03-2025 5-10: Relate Customary and Metric Units 02-04-2025 5-10: Relate Customary and Metric Units 02-05-2025 Ch5 Test 02-06-2025 6-1: Understand Percent 02-07-2025 6-1: Understand Percent
Week 5 (23) Feb 10th to 14th <i>1-14~Catholic Week</i>	02-10-2025 6-2: Relate Fractions, Decimals, and Percents 02-11-2025 6-2: Relate Fractions, Decimals, and Percents 02-12-2025 6-3: Represent Percents Greater Than 100 or Less Than 1 02-13-2025 6-3: Represent Percents Greater Than 100 or Less Than 1 02-14-2025 6-4: Estimate to Find Percent
Week 6 (24) Feb 17th to 21st	02-17-2025 6-4: Estimate to Find Percent 02-18-2025 6-5: Find the Percent of a Number 02-19-2025 6-5: Find the Percent of a Number

	<p>02-20-2025 6-6: Find the Whole Given a Part and the Percent</p> <p>02-21-2025 6-6: Find the Whole Given a Part and the Percent</p>
<p>Week 7 (25) Feb 24th to 28th 4 Days of Class 24~Lenten Mass? 25-27 ~ Pre-Exam Days 24-27~IOWA Assessments 28 ~ Memorial Day Holiday</p>	<p>02-24-2025 Ch6 Test</p> <p>02-25-2025 7-1: Find Areas of Parallelograms and Rhombuses</p> <p>02-26-2025 7-1: Find Areas of Parallelograms and Rhombuses</p> <p>02-27-2025 7-2: Solve Triangle Area Problems</p>
<p>Week 8 (26) March 3rd to 7th 5~ Ash Wednesday</p>	<p>03-03-2025 7-2: Solve Triangle Area Problems</p> <p>03-04-2025 7-3: Find Areas of Trapezoids and Kites</p> <p>03-05-2025 7-3: Find Areas of Trapezoids and Kites</p> <p>03-06-2025 7-4: Find Areas of Polygons</p> <p>03-07-2025 7-4: Find Areas of Polygons</p>
<p>Week 9 (27) March 10th to 14th 4 Days of Class 14 – Q3 Exams</p>	<p>03-10-2025 7-5: Represent Solid Figures Using Nets</p> <p>03-11-2025 7-5: Represent Solid Figures Using Nets</p> <p>03-12-2025 Review Ch5-6</p> <p>03-13-2025 Q3 Exam</p>

4th QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)

Week / Date	Topic / Projects / Assessments
<p>Week 1 (28) March 17th 21st 4 Days of Class</p>	<p>03-17-2025 Q3 Exam</p>

<p>17 – Q3 Exams 18~ Fourth Quarter Begins 18~ Fire Drill? 19~ Feast of St. Joseph</p>	<p>03-18-2025 7-6: Find Surface Areas of Prisms</p> <p>03-19-2025 7-6: Find Surface Areas of Prisms</p> <p>03-20-2025 7-7: Find Surface Areas of Pyramids</p> <p>03-21-2025 7-7: Find Surface Areas of Pyramids</p>
<p>Week 2 (29) March 24th to 28th</p>	<p>03-24-2025 7-8: Find Volume with Fractional Edge Lengths</p> <p>03-25-2025 7-8: Find Volume with Fractional Edge Lengths</p> <p>03-26-2025 Ch7 Test</p> <p>03-27-2025 8-1: Recognize Statistical Questions</p> <p>03-28-2025 8-1: Recognize Statistical Questions</p>
<p>Week 3 (30) March 31st to April 4th <u>4 Days of Class</u> 4~Tomb Sweeping</p>	<p>03-31-2025 8-2: Summarize Data Using Mean, Median, and Mode</p> <p>04-01-2025 8-2: Summarize Data Using Mean, Median, and Mode</p> <p>04-02-2025 8-3: Display Data in Box Plots</p> <p>04-03-2025 8-3: Display Data in Box Plots</p>
<p>Week 4 (31) Apr 7th to 11th</p>	<p>04-07-2025 8-4: Display Data in Frequency Tables and Histograms</p> <p>04-08-2025 8-4: Display Data in Frequency Tables and Histograms</p> <p>04-09-2025 8-5: Summarize Data Using Measures of Variability</p> <p>04-10-2025 8-5: Summarize Data Using Measures of Variability</p> <p>04-11-2025 8-6: Choose Appropriate Statistical Measures</p>
<p>April 14th to April 18th</p>	<p>Easter Break</p>

<p>Week 5 (32) Apr 21st to 25th 23~Easter Mass 21-25 ~ AP Mock Exams 26~Spring Fair</p>	04-21-2025 8-6: Choose Appropriate Statistical Measures 04-22-2025 8-6: Choose Appropriate Statistical Measures 04-23-2025 8-7: Summarize Data Distributions 04-24-2025 8-7: Summarize Data Distributions 04-25-2025 8-7: Summarize Data Distributions
<p>Week 6 (33) Apr 28th to May 2nd 4/29-5/1~ Pre-Exam Days 1-2~ Final Exams (K, 5, 8, 12 only)</p>	04-28-2025 Ch8 Test 04-29-2025 Topic 1 Review 04-30-2025 Topic 2 Review 05-01-2025 Topic 3 Review 05-02-2025 Topic 4 Reivew
<p>Week 7 (34) May 5th to 9th 5-9~ Final Exams (K, 5, 8, 12 only) 5-9 ~ AP Exams</p>	05-05-2025 Topic 5 Review 05-06-2025 Topic 6 Review 05-07-2025 Topic 7 Review 05-08-2025 Topic 8 Review 05-09-2025 Math6 Review
<p>Week 8 (35) May 12th to 16th 4 Days of Class 14-15~ Q4 Exam 16~ Record Day 12-16 ~ AP Exams</p>	05-12-2025 Math 6 Review 05-13-2025 Q4 Exam
<p>Week 9 (36) May 19th to 23rd 19-23 ~ Student Clearance 19~ Baccalaureate Mass 23~Gr. 6 – 7 Recognition and Gr. 8 Graduation</p>	
<p>Week 10 (37) May 26th to 30th</p>	

4 Days of Class

26~House Culminating Activity
27~Gr. 9-11 Recognition and Gr. 12
Graduation
28! Class Party
29- ~ Students Last Day
30~ Teachers/Staff Meeting