



Dominican International School
台北市私立道明外僑學校
No. 76, Dazhi Street, Taipei (104042), Taiwan, R.O.C.
10464 臺北市中山區大直街 76 號



COURSE SYLLABUS

School Year	2026-2027
Subject	Math
Grade Level	6
Teacher	Joanne Ward
Email	jward@dishs.tp.edu.tw

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 the semester/school year, (SWAT) 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 TEXTBOOKS AND OTHER RESOURCES:

Berry, III, R. Q., Champagne, Z., Milou, E., Schielack, J. F., Wray, J. A., Charles, R. I., & Fennel, F. (1 B.C.E.). *EnVision Mathematics 2024 Common Core Grade 6* (2024th ed., Vol. 1). Savvas Learning Company LLC.

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Scientific calculators may be used if instructed by the teacher.



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GRADING SYSTEM/ASSESSMENT:

- Tests and Quizzes: 30%
- Homework, Seatwork, and Projects: 30%
- Quarter Exam: 30%
- Deportment: 10%

ADDITIONAL INFORMATION:

Please always check Google Classroom for homework and announcements.

HOMEWORK POLICY:

All homework must be submitted digitally through Google Classroom. Hard copy submissions will not be accepted.

DUE DATES:

- Homework must be submitted by the stated due date and time.
- Incomplete homework will result in Project I.
- Once a Project I has been issued, students who complete all required homework on or before the Project I due date may request the teacher's signature to have Project I waived.
- Late work will be accepted with 1 point deducted per day after the due date. However, in cases of excused absences with proper documentation, as outlined in the school handbook, no points will be deducted for late submissions.

SUBMISSION GUIDELINES:

- Ensure your work is complete, clearly labeled with your full name, and submitted in the correct format before the deadline.
- After uploading your assignment, verify that you have submitted the correct file and that it is accessible.
- Be sure to click the "Turn In" button. Otherwise, the instructor will not receive your assignment.
- Technical issues are not an excuse for late submissions. Students are responsible for allowing sufficient time to upload and submit their work successfully.

ACADEMIC DISHONESTY:

Academic Dishonesty means employing a method or technique or engaging in conduct in an academic endeavor that contravenes the standards of ethical integrity expected at DIS.

Academic dishonesty includes but is not limited to the following:

- Purposely incorporating the ideas, words of sentences, paragraphs, or parts thereof without appropriate acknowledgment and representing the product as one's work;
- Representing another's intellectual work, such as photographs, paintings, drawings, sculpture, research, or the like, as one's own, including failure to attribute content to an



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AI.

- Employing a tutor, using Artificial Intelligence without acknowledgment, getting a parent to write a paper or do an assignment, and paying for an essay to be written by someone else and presented as the student's work.
- Committing any act that a reasonable person would conclude, when informed of the evidence, to be a dishonest means of obtaining or attempting to obtain credit for academic work.

Any act of academic dishonesty will result in an automatic zero on the entire assignment/learning task.

WEEKLY SCHEDULE

First Quarter Tentative Course Content

Week & Date	Topics / Projects / Assessments
Week 1 Aug 10 - 14	Monday Class Preparation ~ Student Holiday Tuesday Morning Assembly Friday Opening Mass & Assumption of Our Lady 8:00 1.1 Adding Decimals 1.1 Subtracting Decimals 1.1 Multiplying Decimals 1.1 Multiplying Decimals
Week 2 Aug 17 - 21	1.1 Review 1.1 Test 1.2 Divide Decimals and Whole Numbers 1.2 Divide Decimals 1.3 Multiply Fractions
Week 3 Aug 24 - 28	1.3 Multiply Fractions and Mix Numbers 1.2-1.3 Review 1.2-1.3 Test 1.4 Understand Division with Fractions 1.5 Divide Fractions by Fractions
Week 4 Aug 31 - Sep 4	1.6 Divide Mixed-Numbers 1.7 Solve Problems with Rational Numbers 1.4-1.7 Review 1.4-1.7 Test 2.1 Understand Integers
Week 5	2.2 Represent Rational Numbers on the Number Line



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Sep 7 - 11	2.2 Represent Rational Numbers on the Number Line 2.1-2.2 Review 2.1-2.2 Test
Week 6 Sep 14 - 18	2.3 Absolute Values of Rational Numbers 2.3 Absolute Values of Rational Numbers 2.4 Represent Rational Numbers on the Coordinate Plane 2.4 Represent Rational Numbers on the Coordinate Plane 2.3-2.4 Review 2.3-2.4 Test
Week 7 Sep 21 - 25	2.5 Find Distances on the Coordinate Plane 2.6 Represent Polygons on the Coordinate Plane T-W-Th Pre-Exam Days Friday Moon Festival ~ Public Holiday
Week 8 Sep 28 - Oct 2	Monday Confucius' Birthday ~ Public Holiday Thursday Major Exams Day 1 Friday Major Exams Day 2
Week 9 Oct 5 - 9	Monday Record Day ~ Student Holiday T-W-Th Teachers Conference ~ Student Holiday Friday Double 10 Day ~ Public Holiday

Second Quarter Tentative Course Content

Week & Date	Topics / Projects / Assessments
Week 1 (10) Oct 12 - 16	3.1 Understand and Represent Exponents 3.2 Find Greatest Common Factor and Least Common Multiple 3.2 Find Greatest Common Factor and Least Common Multiple 3.3 Write and Evaluate Numerical Expressions
Week 2 (11) Oct 19 - 23	3.1-3.3 Review 3.1-3.3 Test 3.4 Write Algebraic Expressions 3.4 Write Algebraic Expressions
Week 3 (12) Oct 26 - 30	3.5 Evaluate Algebraic Expressions 3.5 Evaluate Algebraic Expressions 3.4-3.5 Review 3.4-3.5 Test



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	Monday Retrocession Day ~ Public Holiday
Week 4 (13) Nov 2 - 6	3.6 Generate Equivalent Expressions 3.6 Generate Equivalent Expressions 3.7 Simplify Algebraic Expressions 3.7 Simplify Algebraic Expressions
Week 5 (14) Nov 9 - 13	3.6-3.7 Review 3.6-3.7 Test 4.1 Understand Equations and Solutions 4.1 Understand Equations and Solutions 4.2 Apply Properties of Equality
Week 6 (15) Nov 16 - 20	4.2 Apply Properties of Equality 4.1-4.2 Review 4.1-4.2 Test 4.3 Write and Solve Addition and Subtraction Equations 4.3 Write and Solve Addition and Subtraction Equations
Week 7 (16) Nov 23 - 27	4.4 Write and Solve Multiplication and Division Equations 4.4 Write and Solve Multiplication and Division Equations 4.3-4.4 Review 4.3-4.4 Test 4.5 Write and Solve Equations with Rational Numbers T-W-Th Pre-Exam Days Friday Grade 12 Exams
Week 8 (17) Nov 30 - Dec 4	4.5 Write and Solve Equations with Rational Numbers 4.8 Understand Dependent and Independent Variables 4.8 Understand Dependent and Independent Variables 4.5 & 4.8 Review 4.5 & 4.8 Test Monday Grade 12 Exams
Week 9 (18) Dec 7 - Dec 11	Monday TBD Tuesday Foundation Day Mass 9:00, Cutting of the Cake Ceremony, Christmas Fair, (Whole day) Wednesday TBD Thursday Major Final Exams half day Friday Major Final Exams half day



Dec 14 to Jan 1 Christmas Break

Third Quarter Tentative Course Content

Week & Date	Topics / Projects / Assessments
Week 1 (19) Jan 4 - Jan 8	4.5 Write and Solve Equations with Rational Numbers 4.5 Write and Solve Equations with Rational Numbers 4.8 Understand Dependent and Independent Variables 4.8 Understand Dependent and Independent Variables Monday Record Day ~ Student Holiday Friday New Year Mass at 8:00
Week 2 (20) Jan 11 - Jan 15	4.5 & 4.8 Review 4.5 & 4.8 Review 4.5 & 4.8 Test 4.9 Use Patterns to Write and Solve Equations 4.9 Use Patterns to Write and Solve Equations
Week 3 (21) Jan 18 - Jan 22	4.10 Relate Tables, Graphs, and Equations 4.10 Relate Tables, Graphs, and Equations 4.9-4.10 Review 4.9-4.10 Review 4.9-4.10 Test
Week 4 (22) Jan 25 - Jan 29	5.1 Understand Ratios 5.1 Understand Ratios 5.2 Generate Equivalent Ratios 5.2 Generate Equivalent Ratios 5.1-5.2 Review
Week 5 (23) Feb 1 - Feb 5	5.1-5.2 Test 5.1-5.2 Review Thursday Little New Year's Eve ~ Public Holiday Friday Lunar New Year ~ Public Holiday
<i>February 8 to 12 Chinese New Year Holiday</i>	
Week 6 (24) Feb 15 - Feb 19	5.3 Compare Ratios 5.3 Compare Ratios 5.5 Understand Rates and Unit Rates 5.5 Understand Rates and Unit Rates 5.3&5.5 Review



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Week 7 (25) Feb 22 - Feb 26	5.3&5.5 Review 5.3 & 5.5 Test 22-26 IOWA Assessments
Week 8 (26) Mar 1 - Mar 5	5.6 Compare Unit Rates 5.6 Compare Unit Rates 5.7 Solve Unit Rate Problems 5.7 Solve Unit Rate Problems Monday Memorial Day ~ Public Holiday T-W-Th Pre-Exam Days
Week 9 (27) Mar 8 - Mar 12	5.6-5.7 Review 5.6-5.7 Review 5.6-5.7 Test 8.2 Summarize Data Using Mean, Median, Mode, and Range 8.2 Summarize Data Using Mean, Median, Mode, and Range
Week 10 (28) Mar 15 - Mar 19	8.4 Display Data in Frequency Tables and Histograms 8.4 Display Data in Frequency Tables and Histograms 8.2-8.4 Review 8.2-8.4 Review 8.2-8.4 Test
Week 11 (29) Mar 22 - Mar 26	Tuesday Major Final Exams half day Wednesday Major Final Exams half day Thurs - Fri Easter Break (Spring Break) ~ Public Holiday
<i>March 25 to April 2 Easter & Spring Break</i>	

Fourth Quarter Tentative Course Content

Week & Date	Topics / Projects / Assessments
Week 1 (30) Apr 5 - Apr 9	6.1 Understand Percent 6.1 Understand Percent 6.2 Relate Fractions, Decimals, and Percents Monday Tomb Sweeping Day ~ Public Holiday Tuesday Children's Day ~ Public Holiday
Week 2 (31) Apr 12 - Apr 16	6.2 Relate Fractions, Decimals, and Percents Review 6.1-6.2 Review 6.1-6.2 6.1-6.2 Test
Week 3 (32) Apr 19 - Apr 23	6.3 Represent Percents Greater Than 100 or Less Than 1



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	6.3 Represent Percents Greater Than 100 or Less Than 2 6.5 Find the Percent of a Number 6.5 Find the Percent of a Number 6.3&6.5 Review 19 - 23 AP Mock Exams
Week 4 (33) Apr 26 - Apr 30	7.1 Find Areas of Parallelograms and Rhombuses 7.1 Find Areas of Parallelograms and Rhombuses 7.3 Find Areas of Trapezoids and Kites 7.3 Find Areas of Trapezoids and Kites T-W-Th Pre-Exam Days Friday Labor Day ~ Public Holiday
Week 5 (34) May 3 - May 7	7.4 Find Areas of Polygons 7.4 Find Areas of Polygons 7.6 Find Surface Areas of Prisms 7.6 Find Surface Areas of Prisms 3 - 7 Final Exams (K, Gr. 5, 8, & 12 Only) 3 - 14 AP Exams
Week 6 (35) May 10 - May 14	3 - 14 AP Exams Wednesday Major Final Exams Undergraduates half day Thursday Major Final Exams Undergraduates half day Friday Record Day ~ Student Holiday
Week 7 (36) May 17 - May 21	Monday Gr. 12 Recollection (Morning) Monday Baccalaureate Mass (Afternoon, Schoolwide) Wednesday House Sports Day Thursday High School Field Trip Friday House Culminating Activity All Week Student Clearance Days & Special Events
Week 8 (37) May 24 - May 28	Monday Middle & High School Sports Day Monday LS Field Trip Tuesday Kindergarten Graduation/Gr. 5 Promotion Wednesday Gr. 8 Graduation and Gr. 12 Graduation Thursday Pre-Kindergarten & Gr. 1 - 4, 6 & 7, 9-11 Recognition Friday Last Day of School for Students

"Kindling the Light of Faith, Hope, and Love: The Legacy of St. Dominic de Guzmán"