

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	2025-2026
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.

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. 2). Savvas Learning Company LLC.

Scientific calculators may be used if instructed by the teacher.



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



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.

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 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.

First Quarter Tentative Course Content

inst Quarter remaine Course Content	
Week/Date	Topic/Projects/Assessments
Week 1 (August 12 to 15)	1-1: Fluently Add, Subtract, and Multiply Decimals
4 days of class 12-General Assembly at the	1-2: Fluently Divide Whole Numbers and Decimals
Gymnasium 15-Opening Mass & Assumption of Our Lady	1-2: Fluently Divide Whole Numbers and Decimals
	1-2: Fluently Divide Whole Numbers and Decimals
Week 2	1-3: Multiply Fractions
(August 18 to 22) 18-St. Dominic de Guzman Feast Day Celebration) Integrated during the Monday Assembly	1-3: Multiply Fractions





20- House Shirt & Blue Jeans Day Starts	1-4: Understand Division with Fractions
22- Club Orientation and Club Sign-up	1-4: Understand Division with Fractions
	1-5: Divide Fractions by Fractions
Week 3 (August 25 to 29)	1-5: Divide Fractions by Fractions
27- High School Talk - "Kickstart Your Success: Winning Mindsets	1-5: Divide Fractions by Fractions
for a Great School Year" 29- First Club Meeting	1-6: Divide Mixed Numbers
	1-6: Divide Mixed Numbers
	1-7: Solve Problems with Rational Numbers
Week 4 (September 1 to 5)	1-7: Solve Problems with Rational Numbers
1- Launching of the World Day of Prayer for the Care of Creation	Ch1 Test
(During the Monday Assembly) 1-AP Registration 3- AEO Fall University Fair	2-1: Understand Integers
5- House Ceremony	2-1: Understand Integers
	2-2: Represent Rational Numbers on the Number Line
Week 5 (September 8 to 12)	2-2: Represent Rational Numbers on the Number Line
8- Holy Mass: Nativity of the Blessed Virgin Mary & VIP	2-3: Absolute Values of Rational Numbers
Induction 10- House Mini Games Start	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
Week 6 (September 15 to 19)	2-5: Find Distances on the Coordinate Plane
15- Catholic Bridge Program for all New Students (After the Monday Assembly at the Gymnasium)	
19- Athletics / Sports Orientation 19- PSAT/NMSQT Registration deadline	
Week 7	2-4: Represent Rational Numbers on the Coordinate Plane



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



(September 22 to 26) 22- Celebration of the International Day of Peace-Peace Pole Ceremony (During the Monday Assembly) Teacher's Day Celebration & 26- Teachers' Appreciation 26- Grade 12 Career Educational Trip 24 to 26-Pre-Exam Days	 2-5: Find Distances on the Coordinate Plane 2-5: Find Distances on the Coordinate Plane 2-6: Represent Polygons on the Coordinate Plane 2-6: Represent Polygons on the Coordinate Plane
Week 8 (September 29 to October 3) 29- Launching of the Month of the Holy Rosary (During the Monday Assembly) Oct. 1-2- First Quarter Exam (half day)	Ch2 Test 2-5: Find Distances on the Coordinate Plane 2-6: Represent Polygons on the Coordinate Plane 2-6: Represent Polygons on the Coordinate Plane
uay)	2-6: Represent Polygons on the Coordinate Plane Ch2 Test

Oct. 3-DIS Teachers and Staff Recognition Day/ Record Day Recollection for Aunties and Uncles (no classes for students)

Second Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments	
	6-Moon Festival (no classes)	
	7-9 Teacher's Conference (no classes)	
Week 1 (11) (October 13 to 17)	3-1: Understand and Represent Exponents	
13- Second Quarter Begins 13- Start of New Applicant	3-1: Understand and Represent Exponents	
Enrollment for 2nd Semester 14- Visit of Mother Mary to Classrooms (During the morning	3-2: Find Greatest Common Factor and Least Common Multiple	
prayer) 15- AP Exam Only Registration Deadline	3-2: Find Greatest Common Factor and Least Common Multiple	
15- Monthly Career Talk - College Prep 17- PSAT/NMSQT Digital Exam	3-3: Write and Evaluate Numerical Expressions	
Week 2 (12) (October 20 to 24)	3-3: Write and Evaluate Numerical Expressions	
20- Jubilee: Marian Exhibit Opening (After the Monday Assembly)	3-4: Write Algebraic Expressions	





	10101至22十十四巴八丘内10 號
20- Campus Safety Talk for Students	3-4: Write Algebraic Expressions
24- Book Fair (Senior Escape Room)	3-5: Evaluate Algebraic Expressions
	3-5: Evaluate Algebraic Expressions
Week 3 (13) (October 27 to 31)	3-6: Generate Equivalent Expressions
29- Grade 11 Career Educational Trip	3-6: Generate Equivalent Expressions
Oct. 31 to Nov. 1- Gr.6 SEL Camp	3-7: Simplify Algebraic Expressions
	3-7: Simplify Algebraic Expressions
	Ch3 Review
Week 4 (14) (November 3 to 7)	Ch3 Test
3- Feast of St. Martin de Porrés Mass (integrated during the	4-1: Understand Equations and Solutions
Monday Assembly) 5- Monthly Career Talk - College Prep	4-1: Understand Equations and Solutions
	4-2: Apply Properties of Equality
	4-2: Apply Properties of Equality
Week 5 (15)	4-3: Write and Solve Addition and Subtraction Equations
(November 10 to 14) 14- Health Week 14- VIP-Parent Learning	4-3: Write and Solve Addition and Subtraction Equations
Community	4-4: Write and Solve Multiplication and Division Equations
	4-4: Write and Solve Multiplication and Division Equations
	4-5: Write and Solve Equations with Rational Numbers
Week 6 (16) (November 17 to 21)	4-5: Write and Solve Equations with Rational Numbers
17- Launching of Mental Health and Anti-Bullying Month 21- Young Shakespeare Play Writing and Performing Contest	4-6: Understand and Write Inequalitites
	4-6: Understand and Write Inequalitites
	4-7: Solve Inequalities
	4-7: Solve Inequalities



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



Week 7 (17) (November 24 to 28)

24- Peace Pole Day (Monday Assembly) 24- Lighting of the Christmas Tree after school (Campus Min/ ECA/ D' Torch Orchestra/ Religious Studies) (Afternoon) 25-27- Pre-Exam Days 27- Thanksgiving Potluck after school for teachers and staff 27- Thanksgiving Family Day 28- Gr. 12 Second Quarter Exam 4-8: Understand Dependent and Independent Variables

4-8: Understand Dependent and Independent Variables

4-9: Use Patterns to Write and Solve Equations

4-9: Use Patterns to Write and Solve Equations

4-10: Relate Tables, Graphs, and Equations

Nov. 29 Invitation for All: The Jubilee Pilgrimage to Taipei (Saturday)

Week 8 (18) (December 1 to 5) 1- First Week of Advent: Lighting of First Advent Candle (During the Monday Assembly) 3- Monthly Career Talk - College Prep 5- Nativity Play (Collaboration with Campus Ministry) 5- Christmas Fair Whole Day

4-10: Relate Tables, Graphs, and Equations

Ch4 Test

5-1: Understand Ratios

5-1: Understand Ratios

5-2: Generate Equivalent Ratios

Week 9 (19) (December 8 to 12)

8- Foundation Day Mass, cake ceremony, and Class Party (half day)

8- Solemnity of the Immaculate Conception

8- Second Week of Advent 10- Gr. 12 Advent Immersion 11 and 12- Second Quarter Exam (half day) 5-2: Generate Equivalent Ratios

Review Ch3-4

Q2 Exam

December 13 Invitation for All: Advent Recollection @DIS (Saturday)

December 15 to January 2 Christmas Break

Third Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments
January 5- Record Day (No Classes for students)	
Week 1 (20) (January 5 to 9)	5-3: Compare Ratios
	5-3: Compare Ratios





	10404 室儿中午田區八直街 70 號
5- PSAT 8/9 Registration Starts 6- Third Quarter Begins 7- Monthly Career Talk-College Prep 9- New Year Mass at 8:00	5-4: Represent and Graph Ratios5-4: Represent and Graph Ratios5-5: Understand Rates and Unit Rates
Week 2 (21) (January 12 to 16) 16- Club Orientation & Sign Up	5-5: Understand Rates and Unit Rates 5-5: Understand Rates and Unit Rates
	5-6: Compare Unit Rates
	5-6: Compare Unit Rates
	5-7: Solve Unit Rate Problems
Week 3 (22)	5-7: Solve Unit Rate Problems
(January 19 to 23) 19-23- Individual Yearbook Photoshoot for Students 19-23 Carper Averages Week	5-8: Ratio Reasoning: Convert Customary Units
19-23- Career Awareness Week 22- Grade 9 Career Educational trip	5-8: Ratio Reasoning: Convert Customary Units
23- First Club Meeting for 2nd Semester	5-9: Ratio Reasoning: Convert Metric Units
	5-9: Ratio Reasoning: Convert Metric Units
Week 4 (23)	5-10: Relate Customary and Metric Units
(January 26 to 30) 26- Feast Day of St. Thomas Aquinas/Launching of the	5-10: Relate Customary and Metric Units
Catholic Week 26-28- Aquinas Conference: Science and Faith	Ch5 Test
26-30- Catholic Week Activities 30- DYM Charity Concert	6-1: Understand Percent
	6-1: Understand Percent
Week 5 (24) (February 2 to 6)	6-2: Relate Fractions, Decimals, and Percents
1-4- WASC Mid-Cycle Visit 4- Monthy Career Talk - College	6-2: Relate Fractions, Decimals, and Percents
Prep 6-7- SUAO Recollection for MS	6-3: Represent Percents Greater Than 100 or Less Than 1
	6-3: Represent Percents Greater Than 100 or Less Than 1





VENEDICERE	10464 臺北市中山區大直街 76 號		
	6-4: Estimate to Find Percent		
Week 6 (25)	6-4: Estimate to Find Percent		
(February 9 to 13) 9- Start of New Applicant Enrollment for 1st Semester for	6-5: Find the Percent of a Number		
SY2025-26 13- PSAT 8/9 Registration Deadline	6-5: Find the Percent of a Number		
13- House Valentine's Mini Fair 13- Chinese New Year Celebration	6-6: Find the Whole Given a Part and the Percent		
	6-6: Find the Whole Given a Part and the Percent		
F	February 16-20 Chinese New Year Holiday		
Week 7 (26)	Ch6 Test		
(February 23 to 26) 23-26- IOWA Assessments 23- Student Council Application	7-1: Find Areas of Parallelograms and Rhombuses		
24-26- Pre-Exam Days	7-1: Find Areas of Parallelograms and Rhombuses		
	7-2: Solve Triangle Area Problems		
Feb	February 27 Memorial Day Holiday (no classes)		
Week 8 (27) (March 2 to 6)	7-2: Solve Triangle Area Problems		
3- Monthly Career Talk - College Prep	7-3: Find Areas of Trapezoids and Kites		
6- PSAT 8/9 System Installation and Practice Test	7-3: Find Areas of Trapezoids and Kites		
	7-4: Find Areas of Polygons		
	7-4: Find Areas of Polygons		
Week 9 (28) (March 9 to 13)	7-5: Represent Solid Figures Using Nets		
13 and 16- Third Quarter Exam (half day)	7-5: Represent Solid Figures Using Nets		
	Review Ch5-6		
	Q3 Exam		



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



Fourth Quarter Tentative Course Content

Fourth Quarter Tentative Course Content		
Week/Date	Topic/Projects/Assessments	
Week 1 (29) (March 16 to 20)	Q3 Exam	
16- Third Quarter Exam (half day) 16-20- Faculty & Staff Yearbook Photo	7-6: Find Surface Areas of Prisms	
17- Fourth Quarter Begins 18-21- EARCOS Teachers' Conference	7-6: Find Surface Areas of Prisms	
19- Lectio Divina and Feast of St. Joseph	7-7: Find Surface Areas of Pyramids	
20- Parents Learning Community Meeting 20- Kindilympics 20-House Movie Night and Club Fair	7-7: Find Surface Areas of Pyramids	
March 21 (Saturday) Spring Fair		
Week 2 (30)	7-8: Find Volume with Fractional Edge Lengths	
(March 23 to 27) 23-27 Student Leaders Applicant Interviews	7-8: Find Volume with Fractional Edge Lengths	
26- Annual Visit to World Religion Museum Gr. 11 27- Lower School Readers	Ch7 Test	
Theatre	8-1: Recognize Statistical Questions	
	8-1: Recognize Statistical Questions	
	March 30 to April 6 Easter/Spring Break	
Week 3 (31) (April 7 to 10)	8-2: Summarize Data Using Mean, Median, and Mode	
7- Spring University Fair 9- Easter Mass	8-2: Summarize Data Using Mean, Median, and Mode	
9- Easter Egg Hunt for Lower School Students	8-3: Display Data in Box Plots	
	8-3: Display Data in Box Plots	
Week 4 (32) (April 13 to 17) 13 Laudato Si Month Launching (During the Monday Assembly) 13-30 Laudato Si Month Activities 13-17- Class Photo Taking 17- AP Chinese/Japanese Practice Test	8-4: Display Data in Frequency Tables and Histograms	
	04-08-2025 8-4: Display Data in Frequency Tables and Histograms	
	04-09-2025 8-5: Summarize Data Using Measures of Variability	





SEN EDICERE	10464 臺北市中山區大直街 76 號		
	04-10-2025 8-5: Summarize Data Using Measures of Variability 04-11-2025		
Week 5 (33) (April 20 to 24) 20-24 Cultural Awareness Week / Art Exhibit / Earth Week 24- Music Recital 20-24 Student Council Campaign 20-24 AP Mock Exams	8-6: Choose Appropriate Statistical Measures 8-6: Choose Appropriate Statistical Measures 8-7: Summarize Data Distributions 8-7: Summarize Data Distributions 8-7: Summarize Data Distributions		
Week 6 (34) (April 27 to 30) 27- Student Council Elections 27-30 Senior Project Presentations 28-30 Pre-Exam Days	Ch8 Test Topic 1 Review Topic 2 Review Topic 3 Review Topic 4 Review		
	May 1: Labor Day Public Holiday		
Week 7 (35) (May 4 to 8) 4- May Crowning & Mother's Day Celebration (During the Monday Assembly) 4-14 Final Exams (K, Gr. 5, 8, & 12 Only) 4-15 AP Exams	Topic 5 Review Topic 6 Review Topic 7 Review Topic 8 Review Math6 Review		
Week 8 (36) (May 11 to 15) 13 and 14- Fourth Quarter Exam—Undergraduate (half day) 14-16 Student Leaders Retreat Days	Math 6 Review Q4 Exam		





May 15 Record Day (No Classes for students) Final Deliberation for Graduating/Promoting Classes	
Week 9 (37) (May 18 to 22) 18- Gr. 5 Recollection & Mass 19- Gr. 8 Recollection & Mass 20- Gr. 12 Recollection 20- Baccalaureate Mass (Whole School) 18-21 WIDA Testing 19- Lower School Sports Day / Gr. 6 & 7 School Field Trip 19- Gr. 9 - 11 - "Senior Success Forum: Inspiring the Next Generation" 19-22 Student Clearance Days 21- Middle & High School Sports Day 21- High School Field Trip 22- House Culminating Activity 20-22 Final Deliberation for Non-Graduating Classes 22- Student Leaders One Day Recollection / Turn Over Ceremony	
Week 10 (38) (May 25 to 29) 25- Kindergarten Graduation/Gr. 5 Promotion 26- LS Field Trip 26- Gr. 8 Graduation and Gr. 12 Graduation 27- Pre-Kindergarten & Gr. 1 - 4, 6 & 7, 9-11 Recognition Last Day of School, Report Card 28- Distribution, & Class Party (half day) 29- Last day for Teachers/Staff Meeting	

[&]quot;Kindling the Light of Faith, Hope, and Love: The Legacy of St. Dominic de Guzmán"