



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	2025-2026
Subject	Math
Grade Level	4
Teacher	Mr Ruttan, Mr Kim
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COURSE DESCRIPTION:

Fourth grade math provides many activities that will further develop the acquisition of mathematical concepts and skills learned in the previous grades. The lessons built in the context of life-related situations help students retain and apply theories they have learned. Basic operations deal with larger whole numbers and decimals, like and unlike fractions, solving simple algebraic expressions and using simple formulas to solve problems in geometry. The program seeks to help students develop an understanding of math concepts through problem-based instruction, small-group interaction, and visual learning with a focus on reasoning and modeling. Each lesson includes daily review and a small-group, problem-based activity, followed by guided and independent practice activities. Lessons are organized into a customizable sequence of topics and use texts, workbooks, manipulatives, and technology, incorporating both group and individual activities.

COURSE OBJECTIVES:

1. Recognizing number operations in base 10.
2. Explain operations and algebraic thinking through expressions and patterns.
3. Solve problems through number operations through division, multiplication and measuring in metric units.
4. Solve problem-based learning through addition, subtraction and multiplication of fractions.
5. Explore geometry through triangles, volume, three dimensional figures and problem solving.

PRIMARY TEXTBOOKS AND OTHER RESOURCES:

enVision Mathmatics Grade 4: Volume 1, Volume 2 and Additional Practice Workbook
<https://www.savvasrealize.com>



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GRADING SYSTEM/ASSESSMENT:

Please see Google Classroom for more information.

The quarterly grade will be awarded for all student work based on the following criteria:

- 1) **Class participation, Homework, Quizzes and Tests** (30% of quarterly grade)
- 2) **Major Projects and/or Assignments** (30% of quarterly grade)
- 3) **Quarterly Exams** (30% of quarterly grade)
- 4) **Department Marks** (10% of quarterly grade)

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

Week/Date	Topic/Projects/Assessments
Week 1 (August 12 to 15) <u>4 days of class</u> 12-General Assembly at the Gymnasium 15-Opening Mass & Assumption of Our Lady	Orientation in the morning. Pass out books. Routines and Procedures. Topic 1: Generalize Place Value Understanding



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Week 2 (August 18 to 22) 18-St. Dominic de Guzman Feast Day Celebration) Integrated during the Monday Assembly 20- House Shirt & Blue Jeans Day Starts 22- Club Orientation and Club Sign-up	Topic 1: Generalize Place Value Understanding
Week 3 (August 25 to 29) 27- High School Talk - "Kickstart Your Success: Winning Mindsets for a Great School Year" 29- First Club Meeting	Topic 2: Fluently Add and Subtract Multi-Digit Whole Numbers
Week 4 (September 1 to 5) 1- Launching of the World Day of Prayer for the Care of Creation (During the Monday Assembly) 1-AP Registration 3- AEO Fall University Fair 5- House Ceremony	Topic 3: Use Strategies and Properties to Multiply by 1-Digit Numbers
Week 5 (September 8 to 12) 8- Holy Mass: Nativity of the Blessed Virgin Mary & VIP Induction 10- House Mini Games Start	Topic 3: Use Strategies and Properties to Multiply by 1-Digit Numbers Topic 4: Use Strategies and Properties to Multiply by 2-Digit Numbers
Week 6 (September 15 to 19) 15- Catholic Bridge Program for all New Students (After the Monday Assembly at the Gymnasium) 19- Athletics / Sports Orientation 19- PSAT/NMSQT Registration deadline	Topic 4: Use Strategies and Properties to Multiply by 2-Digit Numbers Teachers' Conference
Week 7 (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	Comprehensive Review of Topics 1-4
Week 8 (September 29 to October 3) 29- Launching of the Month of the Holy Rosary (During the Monday	Comprehensive Review of Topics 1-4 Topics 1-4 Review and Assessment – First Quarter Exams



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Assembly) Oct. 1-2- First Quarter Exam (half day)	
<i>Oct. 3-DIS Teachers and Staff Recognition Day/ Record Day Recollection for Aunties and Uncles (no classes for students)</i>	

Second Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments
<i>6-Moon Festival (no classes)</i>	
<i>7-9 Teacher's Conference (no classes)</i>	
Week 1 (11) (October 13 to 17) 13- Second Quarter Begins 13- Start of New Applicant Enrollment for 2nd Semester 14- Visit of Mother Mary to Classrooms (During the morning prayer) 15- AP Exam Only Registration Deadline 15- Monthly Career Talk - College Prep 17- PSAT/NMSQT Digital Exam	Topic 5: Use Strategies and Properties to divide by 1-Digit Numbers
Week 2 (12) (October 20 to 24) 20- Jubilee: Marian Exhibit Opening (After the Monday Assembly) 20- Campus Safety Talk for Students 24- Book Fair (Senior Escape Room)	Topic 5: Use Strategies and Properties to divide by 1-Digit Numbers
Week 3 (13) (October 27 to 31) 29- Grade 11 Career Educational Trip Oct. 31 to Nov. 1- Gr.6 SEL Camp	Topic 5: Use Strategies and Properties to divide by 1-Digit Numbers Topic 6: Use Operations with Whole Numbers to Solve Problems
Week 4 (14) (November 3 to 7) 3- Feast of St. Martin de Porres Mass (integrated during the Monday Assembly) 5- Monthly Career Talk - College Prep	Topic 6: Use Operations with Whole Numbers to Solve Problems
Week 5 (15) (November 10 to 14)	Topic 6: Use Operations with Whole Numbers to Solve Problems



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14- Health Week 14- VIP-Parent Learning Community	
Week 6 (16) (November 17 to 21) 17- Launching of Mental Health and Anti-Bullying Month 21- Young Shakespeare Play Writing and Performing Contest	Topic 7: Factors and Multiples
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	Topic 7: Factors and Multiples
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	Topic 8: Extend Understanding of Fraction Equivalence and Ordering
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)	Comprehensive Review of Topics 5-8 and Assessment -Second Quarter Exams
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
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January 5- Record Day (No Classes for students)

Week 1 (20) (January 5 to 9) 5- PSAT 8/9 Registration Starts 6- Third Quarter Begins 7- Monthly Career Talk-College Prep 9- New Year Mass at 8:00	Topic 9: Understand Addition and Subtraction of Fractions
Week 2 (21) (January 12 to 16) 16- Club Orientation & Sign Up	Topic 9: Understand Addition and Subtraction of Fractions
Week 3 (22) (January 19 to 23) 19-23- Individual Yearbook Photoshoot for Students 19-23- Career Awareness Week 22- Grade 9 Career Educational trip 23- First Club Meeting for 2nd Semester	Topic 10: Extend Multiplication Concepts to Fractions
Week 4 (23) (January 26 to 30) 26- Feast Day of St. Thomas Aquinas/Launching of the Catholic Week 26-28- Aquinas Conference: Science and Faith 26-30- Catholic Week Activities 30- DYM Charity Concert	Topic 10: Extend Multiplication Concepts to Fractions
Week 5 (24) (February 2 to 6) 1-4- WASC Mid-Cycle Visit 4- Monthly Career Talk - College Prep 6-7- SUA0 Recollection for MS	Topic 11: Represent and Interpret Data on Line Plots
Week 6 (25) (February 9 to 13) 9- Start of New Applicant Enrollment for 1st Semester for SY2025-26 13- PSAT 8/9 Registration Deadline 13- House Valentine's Mini Fair 13- Chinese New Year Celebration	Topic 11: Represent and Interpret Data on Line Plots
February 16-20 Chinese New Year Holiday	
Week 7 (26) (February 23 to 26) 23-26- IOWA Assessments	Topic 12: Understand and Compare Decimals



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23- Student Council Application 24-26- Pre-Exam Days	
<i>February 27 Memorial Day Holiday (no classes)</i>	
Week 8 (27) (March 2 to 6) 3- Monthly Career Talk - College Prep 6- PSAT 8/9 System Installation and Practice Test	Comprehensive Review of Topics 9-12
Week 9 (28) (March 9 to 13) 13 and 16- Third Quarter Exam (half day)	Topics 9-12 Review and Assessment -Third Quarter Exams

Fourth Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments
Week 1 (29) (March 16 to 20) 16- Third Quarter Exam (half day) 16-20- Faculty & Staff Yearbook Photo 17- Fourth Quarter Begins 18-21- EARCOS Teachers' Conference 19- Lectio Divina and Feast of St. Joseph 20- Parents Learning Community Meeting 20- Kindilympics 20-House Movie Night and Club Fair	Topic 13: Measurement: Find Equivalence in Units of Measure
<i>March 21 (Saturday) Spring Fair</i>	
Week 2 (30) (March 23 to 27) 23-27 Student Leaders Applicant Interviews 26- Annual Visit to World Religion Museum Gr. 11 27- Lower School Readers Theatre	Topic 13: Measurement: Find Equivalence in Units of Measure
<i>March 30 to April 6 Easter/Spring Break</i>	
Week 3 (31) (April 7 to 10) 7- Spring University Fair 9- Easter Mass	Topic 13: Measurement: Find Equivalence in Units of Measure



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9- Easter Egg Hunt for Lower School Students	
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	Topic 14: Algebra: Generate and Analyze Patterns
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	Topic 15: Geometric Measurement: Understand Concepts of Angles and Angle Measurement
Week 6 (34) (April 27 to 30) 27- Student Council Elections 27-30 Senior Project Presentations 28-30 Pre-Exam Days	Topic 15: Geometric Measurement: Understand Concepts of Angles and Angle Measurement Topic 16: Lines, Angles and Shapes
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 16: Lines, Angles and Shapes Comprehensive Review of Topics 13-16
Week 8 (36) (May 11 to 15) 13 and 14- Fourth Quarter Exam—Undergraduate (half day) 14-16 Student Leaders Retreat Days	Comprehensive Review of Topics 13-16 Topics 9-12 Review and Assessment -Fourth Quarter Exams
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	Ancillary Learning Activities Various School Events/Activities/Graduations



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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	Ancillary Learning Activities Various School Events/Activities/Graduations

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