



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



MATH SYLLABUS

School Year	2025-2026
Subject	Math
Grade Level	Kindergarten
Teachers	Ms. Michelle Lopez and Ms. Christine Lai
Email	mlopez@dishs.tp.edu.tw and clai@dishs.tp.edu.tw

COURSE DESCRIPTION:

The students acquire a basic conceptual understanding of the base 20 numerical system. During these early years, they typically develop the “number sense” needed for process and manipulate numerical information. Mathematics is inquiry-based. Students are encouraged to explore in addition, subtraction, numbers to one hundred, measurement, geometry, data, and graphing. The program is very hands-on. Students are beginning to make sense of their world through a mathematical approach. In different concepts, children will learn about the meaning of the topic and the mathematical terms related to each topic.

COURSE OBJECTIVES:

By the end of the semester/school year, (SWBAT) Students will be able to:

- The student should be able to use the numbers sense, data, geometric objects and measurement.
- The student will come to understand the relationship between numbers and quantities, concept of time and units to measure it, identify basic objects as their geometric features, and to sort and classify objects.
- The student will enhance number sense and operations.
- The student will learn how to developing mathematics concepts and skills.

PRIMARY TEXTBOOKS AND OTHER RESOURCES:

Bell et al.(n.d.). *Everyday Math Volume 1 and 2*. Columbus, OH: McGraw-Hill Education.
Everyday Math: My First Math Book Lesson pages
Everyday Math: Math Master
Our School Website: <http://www.dishs.tp.edu.tw/>



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Publisher Website: <https://connected.mcgraw-hill.com/connected/login.do>
Merriam-Webster Online Dictionary & Thesaurus: <http://www.m-w.com/home.htm>

GRADING SYSTEM/ASSESSMENT:

Unit Assessment Hand Book
Oral Retelling
Project
Observation
Seatwork and Homework
Quarter Exam

ADDITIONAL INFORMATION:

Please always check Google Classroom for more information.

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.



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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	Students' orientation • Classroom routines and procedures • Classroom rules and expectations • Getting to know each other • Introduction to learning activities <u>TOPIC 1: NUMBER 0 TO 5</u> FOCUS: Counting numbers from 0 to 5. Lesson 1-1: Count 1,2, and 3 Lesson 1-2: Recognize 1,2, and 3 in Different Arrangements Lesson 1-3: Read, Make and Write 1,2, and 3
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	Lesson 1-4: Count 4 and 5 Lesson 1-5: Recognize 4 and 5 in Different Arrangements Lesson 1-6: Read, Make, and Write 4 and 5 Lesson 1-7: Identify the Number 0
Week 3 (August 25 to 29) 29- First Club Meeting	Lesson 1-8: Read and Write 0 Lesson 1-9: Numbers to 5 Lesson 1-10: PROBLEM SOLVING: Construct Arguments Topic 1 Review and Assessment
Week 4 (September 1 to 5) 1- Launching of the World Day of Prayer for the Care of Creation	<u>TOPIC 2: COMPARE NUMBERS 0 TO 5</u> FOCUS: Comparing numbers from 0 to 5. Lesson 2-1: Equal Groups Lesson 2-2: Greater Than Lesson 2-3: Less Than Lesson 2-4: Compare Groups to 5 by Counting



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(During the Monday Assembly) 5- House Ceremony	
Week 5 (September 8 to 12) 8- Holy Mass: Nativity of the Blessed Virgin Mary & VIP Induction	Lesson 2-5: PROBLEM SOLVING: Model with Math Topic 2 Review and Assessment <u>TOPIC 3: NUMBERS 6 TO 10</u> FOCUS: Counting Sequence on numbers 6 to 10. Lesson 3-1: Count 6 and 7
Week 6 (September 15 to 19) 15- Catholic Bridge Program for all New Students (After the Monday Assembly at the Gymnasium) 16-18 – Pre-Exam Days	Lesson 3-2: Read, Make and Write 6 and 7 Lesson 3-3: Count 8 and 9 Lesson 3-4: Read, Make and Write 8 and 9 Lesson 3-5 Count 10
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	Lesson 3-6: Read, Make and Write 10 Lesson 3-7: Count Numbers to 10 Lesson 3-8: PROBLEM SOLVING: Look for and Use Structure Topic 3 Review and Assessment
Week 8 (September 29 to October 3) <u>1 Day and 2 Half-Days</u> 29- Launching of the Month of the Holy Rosary (During the Monday Assembly) Oct. 1-2- First Quarter	<u>TOPIC 4: COMPARE NUMBERS 0 TO 10</u> FOCUS: Comparing numbers from 0 to 10. Lesson 4-1: Compare Groups to 10 by Matching Lesson 4-2: Compare Numbers Using Numerals to 10



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Exam (half day)
Oct. 3 – Record Day
(no classes)

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>	
<i>10 – Double Ten Public Holiday (no classes)</i>	
Week 1 (11) (October 13 to 17) 13- Second Quarter Begins	Lesson 4-3: Compare Groups to 10 by Counting Lesson 4-4: Compare Numbers to 10 Lesson 4-5: PROBLEM SOLVING: Repeated Reasoning Topic 4 Review and Assessment
Week 2 (12) (October 20 to 24) <u>4 days of class</u> 24- Retrocession Day (Public Holiday) No class.	<u>TOPIC 5: CLASSIFY AND COUNT DATA</u> FOCUS: Classify objects and count the number of objects in each category Lesson 5-1: Classify Objects into Categories Lesson 5-2: Count the Number of Objects in Each Category Lesson 5-3: Sort the Categories by Counting
Week 3 (13) (October 27 to 31)	Lesson 5-4: PROBLEM SOLVING: Critique Reasoning Topic 5 Review and Assessment <u>TOPIC 6: UNDERSTAND ADDITION</u> FOCUS: Deep understanding of addition as “put together” and “add to.” Lesson 6-1: Explore Addition Lesson 6-2: Represent Addition as Adding To
Week 4 (14) (November 3 to 7)	Lesson 6-3: Represent Addition as Putting Together Lesson 6-4: Represent and Explain Addition with Equations Lesson 6-5: Solve Addition Word Problems: Add To



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3- Feast of St. Martin de Porres Mass (integrated during the Monday Assembly)	Lesson 6-6: Solve Addition Word Problems: Put Together
Week 5 (15) (November 10 to 14) 14- Health Week	Lesson 6-7: Use Patterns to Develop Fluency in Addition Lesson 6-8: PROBLEM SOLVING: Model with Math Topic 6 Review and Assessment <u>TOPIC 7: UNDERSTAND SUBTRACTION</u> FOCUS: Deep understanding of addition as “take apart” and “take from.” Lesson 7-1: Explore Subtraction
Week 6 (16) (November 17 to 21)	Lesson 7-2: Represent Subtraction as Taking Apart Lesson 7-3: Represent Subtraction Lesson 7-4: Represent and Explain Subtraction with Equations Lesson 7-5: Solve Subtraction Word Problems: Taking from and apart
Week 7 (17) (November 24 to 28) 24- Peace Pole Day (Monday Assembly) 24- Lighting of the Christmas Tree after school 25-27- Pre-Exam Days 27- Thanksgiving Family Day	Lesson 7-6: Use Patterns to Develop Fluency in Subtraction Lesson 7-7: PROBLEM SOLVING: Use Appropriate Tools Topic 7 Review and Assessment TOPICS 1-7 QUARTER EXAM REVIEW
Week 8 (18) (December 1 to 5) 1- First Week of Advent: 5- Nativity Play 5- Christmas Fair	2ND QUARTER EXAM



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(Whole Day) 1-5 House Unity Dress Up Week	
Week 9 (19) (December 8 to 12) <u>3 days and 2 half</u> <u>days of class</u> 8- Foundation Day Mass, 8- Solemnity of the Immaculate Conception 8- Second Week of Advent 11 and 12 - Second Quarter Exam (half day)	<u>TOPIC 8: MORE ADDITION and SUBTRACTION</u> FOCUS: Word problem, both addends unknown, with sums to 10, and finding missing parts of 10. Lesson 8-1: Decompose 5 to Solve Problem Lesson 8-2: Related Facts Lesson 8-3: PROBLEM SOLVING: Reasoning Lesson 8-4: Fluently Add and Subtract to 5
<i>December 15 to January 2 Christmas Break</i>	

Third Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments
Week 1 (20) (January 5 to 9) 5- Record Day (no classes) 6- Third Quarter Begins 9- New Year Mass at 8:00	Lesson 8-5: Decompose 6 and 7 to Solve Problems Lesson 8-6: Decompose 8 and 9 to Solve Problems Lesson 8-7: Ways to Make 10 Lesson 8-8: Decompose 10 to Solve Problems
Week 2 (21) (January 12 to 16) 16- Club Orientation & Sign Up	Lesson 8-9 Find the Missing Part of 10 Lesson 8-10: Continue to Find the Missing Part of 10 Topic 8 Review and Assessment <u>TOPIC 9: COUNT NUMBERS TO 20</u> FOCUS: Counting sequence on numbers 11 to 20. Lesson 9-1: Count, Read, and Write 11 and 12



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Week 3 (22) (January 19 to 23) 19-23- Individual Yearbook Photoshoot for Students 19-23- Career Awareness Week 23- First Club Meeting for 2nd Semester	Lesson 9-2: Count, Read, and Write 13, 14, and 15 Lesson 9-3: Count, Read, and Write 16 and 17 Lesson 9-4: Count, Read, and Write 18, 19 and 20 Lesson 9-5: Count Forward from Any Number to 20
Week 4 (23) (January 26 to 30) 26- Feast Day of St. Thomas Aquinas	Lesson 9-6: Count to Find How Many Lesson 9-7: PROBLEM SOLVING: Reasoning Topic 9 Review and Assessment <u>TOPIC 10: COMPOSE AND DECOMPOSE NUMBERS 11 TO 19</u> FOCUS: Composition and Decomposition of numbers 11 to 19. Lesson 10-1: Make 11, 12, and 13
Week 5 (24) (February 2 to 6)	Lesson 10-2: Make 14, 15, and 16 Lesson 10-3: Make 17, 18, and 19 Lesson 10-4: Find Parts of 11, 12, and 13 Lesson 10-5: Find Parts of 14, 15, and 16
Week 6 (25) (February 9 to 13) 13- House Valentine's Mini Fair 13- Chinese New Year Celebration	Lesson 10-6: Find Parts of 17, 18, and 19 Lesson 10-7: PROBLEM SOLVING: Look for and Use Structure Topic 10 Review and Assessment <u>TOPIC 11: COUNT NUMBERS TO 100</u> FOCUS: Extending the number names and counting to 100. Lesson 11-1: Counting Using Patterns to 30
February 16-20 Chinese New Year Holiday	
Week 7 (26) (February 23 to 27) <u>4 days of class</u> 24-26- Pre-Exam Days	Lesson 11-2: Count by Ones and by Tens to 50 Lesson 11-3: Count by Tens to 100 Lesson 11-4: Count by Ones to 100 Lesson 11-5: PROBLEM SOLVING: Look for and Use Structure



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27 – Memorial Day Holiday (no classes)	
Week 8 (27) (March 2 to 6)	Topic 11 Review and Assessment TOPIC 12: IDENTIFY AND DESCRIBE THE SHAPES FOCUS: Identifying and describing shapes. Lesson 12-1: Two-Dimensional (2D) and Three-Dimensional (3-D) Shapes Lesson 12-2: Circles and Triangles Lesson 12-3: Squares and Other Rectangles
Week 9 (28) (March 9 to 13) <u>4 days and 1 half day of class</u> 13 - Third Quarter Exam (half day)	Lesson 12-4: Hexagons Lesson 12-5: Solid Figures Lesson 12-6: Describe Shapes in the Environment Lesson 12-7: PROBLEM SOLVING: Precession

Fourth Quarter Tentative Course Content

Week/Date	Topic/Projects/Assessments
Week 1 (29) (March 16 to 20) <u>4 days and 1 half day of class</u> 16- Third Quarter Exam (half day) 17- Fourth Quarter Begins 20- Kindilympics	Topic 12 Review and Assessment TOPIC 13: ANALYZE, COMPARE, AND CREATE SHAPES FOCUS: Analyzing and comparing attributes of shapes shown in different sizes and orientations. Lesson 13-1: Analyze and Compare Two-Dimensional (2D) Shapes Lesson 13-2: Analyze and Compare Three-Dimensional (3D) Shapes Lesson 13-3: Compare 2-D and 3-D Shapes
<i>March 21 (Saturday) Spring Fair</i>	



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Week 2 (30) (March 23 to 27)	Lesson 13-4: Problem Solving: Make Sense and Persevere Lesson 13-5: Make 2-D Shapes from Other 2-D Shapes Lesson 13-6: Build 2-D Shapes Lesson 13-7: Build 3-D Shapes
<i>March 30 to April 6 Easter/Spring Break</i>	
Week 3 (31) (April 6 to 10) <u>4 days of class</u> 7- Spring Fair 9- Easter Mass 9- Easter Egg Hunt for Lower School Students	Topic 13 Review and Assessment <u>TOPIC 14: DESCRIBE AND COMPARE MEASURABLE ATTRIBUTES</u> FOCUS: Describing and comparing measurable attributes. Lesson 14-1: Describe and Compare by Length and Height Lesson 14-2: Describe and Compare by Capacity Lesson 14-3: Describe and Compare by Weight
Week 4 (32) (April 13 to 17) 13-17- Class Photo Taking	Lesson 14-4: Describe Objects by Measurable Attributes Lesson 14-5: Describe and Compare Objects by Measurable Attributes Lesson 14-6: PROBLEM SOLVING: Precision Topic 14 Review and Assessment
Week 5 (33) (April 20 to 24) 20-24 Cultural Awareness Week / Art Exhibit / Earth Week	TOPICS 8-11 QUARTER EXAM REVIEW
Week 6 (34) (April 27 to May 1) <u>4 days of class</u> 28-30 Pre-Exam Days May 1 – Labor Day Public Holiday (No classes)	TOPICS 12-14 QUARTER EXAM REVIEW



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Week 7 (35) (May 4 to 8) 4- May Crowning & Mother's Day Celebration 4-14 Final Exams (K, Gr. 5, 8, & 12 Only)	4TH QUARTER EXAM
Week 8 (36) (May 11 to 15) <u>2 days and 2 half days of class</u> 13 and 14- Fourth Quarter Exam— Undergraduate (half day) 15 – Record Day (No Classes)	GRADUATION REHEARSALS
Week 9 (37) (May 18 to 22) 19-22 Student Clearance 22- House Culminating Activity	GRADUATION REHEARSALS
Week 10 (38) (May 25 to 29) 25- Kindergarten Graduation/Gr. 5 Promotion	KINDERGARTEN GRADUATION

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