



Mathematics

Grade 1



Dominican International School

Course Syllabus

School Year 2026–27

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COURSE DESCRIPTION:

First Grade Math provides many activities that will further develop the acquisition of mathematical concepts and skills learnt in kindergarten. It will focus on the following important areas: (1) Operations & Algebraic Thinking ; (2) Number & Operations in Base Ten; (3) Measurement & Data; and (4) Geometry.

COURSE OBJECTIVES: By the end of the semester/school year, students will be able to:

- Reason with shapes and their attributes.
- Count fluently and write numbers correctly
- Understand and apply properties of operations and the relationship between addition and subtraction.
- Represent and solve problems involving addition and subtraction.
- Use place value understanding and properties of operations to add and subtract.
- Measure lengths indirectly and by iterating length units.
- Tell and write time
- Represent and interpret data

PRIMARY TEXTBOOKS AND OTHER RESOURCES:

Charles, R. et.al. (2020). *enVision Mathematics*. Savvas Learning Company, LLC. USA

GRADING SYSTEM/ASSESSMENT:

Students will be continuously assessed during all class activities. Students' participation in class activities, how much they challenge themselves to contribute orally to meet the task given, responding to peers and to teachers' input, offering their own ideas and experiences, and short quizzes are parts of formative assessments. Summative assessments are given once every quarter. Students will take quizzes and quarter tests to assess their content knowledge. Quizzes and tests will

relate to current and previous topics. The assessments will provide students with feedback to determine whether the Common Core standards learning objectives have been met.

Students absent from class on the day of a quiz or test will be required to take it at a later time.

Every quarter, each student will receive grades based on the following criteria:

30% Classwork, Homework, Class participation

30% Quizzes

30% Quarterly Exams

10% Deportment (behavior in class based on the school's SLOs – truthful, organized, courageous, reflective, helpful)

Total: 100%

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.

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 • Classroom Orientation (routines practice) Thursday Opening Mass & Assumption of Our Lady 8:00
Week 2 Aug 17 - 21	Geometry: • 2D shapes and their attributes • 3D shapes and their attributes • Creating composite shapes
Week 3	Geometry:

Aug 24 - 28	• Divide shapes into equal shares to understand symmetry. • Partition different shapes into several parts and name the parts as one half (halves), one fourth (fourths), two-thirds (2 out of three), etc. • Understand that dividing a shape into more equal shares results in having smaller shares.
Week 4 Aug 31 - Sep 4	Number Sense: • Cardinal numbers (count from 0 to 120 fluently) • Ordinal numbers (order from first to twenty-fifth)
Week 5 Sep 7 - 11	Number Sense: • Read and write numerals • Compare numbers using the symbols $>$, $<$, and $=$; and words greater than, less than, and equal to
Week 6 Sep 14 - 18	Operations and Algebraic Thinking: • Addition of numbers within 20 • Addition of doubles within 20
Week 7 Sep 21 - 25	Operations and Algebraic Thinking: • Subtraction of numbers within 20 T-W-Th Pre-Exam Days Friday Moon Festival ~ Public Holiday
Week 8 Sep 28 - Oct 2	Review Lessons 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	Operations and Algebraic Thinking: • Addition of numbers within 50 (single and double-digit numbers) • Addition of doubles within 50
Week 2 (11) Oct 19 - 23	Operations and Algebraic Thinking: • Subtraction of numbers within 50 (single and double-digit numbers)

Week 3 (12) Oct 26 - 30	Operations and Algebraic Thinking: Addition within 50 with missing addends Monday Retrocession Day ~ Public Holiday
Week 4 (13) Nov 2 - 6	Operations and Algebraic Thinking: Subtraction within 50 with missing minuend or subtrahend
Week 5 (14) Nov 9 - 13	Numbers and Operations in Base Ten: Understand tens and ones
Week 6 (15) Nov 16 - 20	Numbers and Operations in Base Ten: Addition of numbers within 100
Week 7 (16) Nov 23 - 27	Numbers and Operations in Base Ten: Subtraction of numbers within 100 T-W-Th Pre-Exam Days Friday Grade 12 Exams
Week 8 (17) Nov 30 - Dec 4	Numbers and Operations in Base Ten: Solve addition and subtraction word problems Monday Grade 12 Exams
Week 9 (18) Dec 7 - Dec 11	Review Lessons 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	Measurement and Data: Measure objects using non-standard units Monday Record Day ~ Student Holiday Friday New Year Mass at 8:00
Week 2 (20) Jan 11 - Jan 15	Measurement and Data: Measure objects using standard units (inches and centimeters)
Week 3 (21) Jan 18 - Jan 22	Measurement and Data: Solve word problems involving measurement

Week 4 (22) Jan 25 - Jan 29	Measurement and Data: - Conduct a survey - Make a tally chart
Week 5 (23) Feb 1 - Feb 5	Measurement and Data: - Make a picture graph - Make a bar graph 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	Measurement and Data: Solve word problems that involve data analysis
Week 7 (25) Feb 22 - Feb 26	22-26 IOWA Assessments
Week 8 (26) Mar 1 - Mar 5	Measurement and Data: - Tell and write time (hour; o'clock) - Tell and write time (half-hour, half-past) Monday Memorial Day ~ Public Holiday T-W-Th Pre-Exam Days
Week 9 (27) Mar 8 - Mar 12	Measurement and Data: Tell and write time (quarter past and quarter to)
Week 10 (28) Mar 15 - Mar 19	Measurement and Data: Solve word problems involving time
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	Operations and Algebraic Thinking: Column addition of three-digit numbers without regrouping Monday Tomb Sweeping Day ~ Public Holiday Tuesday Children's Day ~ Public Holiday

Week 2 (31) Apr 12 - Apr 16	Operations and Algebraic Thinking: Column addition of three-digit numbers with regrouping
Week 3 (32) Apr 19 - Apr 23	Operations and Algebraic Thinking: Column subtraction of three-digit numbers without borrowing 19 - 23 AP Mock Exams
Week 4 (33) Apr 26 - Apr 30	Operations and Algebraic Thinking: Column subtraction of three-digit numbers with borrowing T-W-Th Pre-Exam Days Friday Labor Day ~ Public Holiday
Week 5 (34) May 3 - May 7	Operations and Algebraic Thinking: Solve word problems involving addition and subtraction of three-digit numbers 3 - 7 Final Exams (K, Gr. 5, 8, & 12 Only) 3 - 14 AP Exams
Week 6 (35) May 10 - May 14	Review lessons 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	Complete book pages 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	Complete book pages 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