MATHEMATICS
COURSE SYLLABUS

GRADE LEVEL: Grade 1   **SCHOOL YEAR**: 2024-2025

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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) developing understanding of addition, subtraction, and strategies for addition and subtraction up to 2-digit numbers; (2) developing understanding of whole number relationships and place value, including grouping in tens and ones; (3) developing understanding of linear measurement and measuring lengths as iterating length units; and (4) reasoning about attributes of, and composing and decomposing geometric shapes.

STANDARDS:

Grade 1 Math follows the Common Core State Standards.

Overview

Operations and Algebraic Thinking
* Represent and solve problems involving addition and subtraction.
* Understand and apply properties of operations and the relationship between addition and subtraction.
* Add and subtract fluently within 20.
* Work with addition and subtraction equations.

Number and Operations in Base Ten
* Extend the counting sequence.
* Understand place value.
* Use place value understanding and properties of operations to add and subtract.

Measurement and Data
* Measure lengths indirectly and by iterating length units.
* Tell and write time.
* Represent and interpret data.

Geometry
* Reason with shapes and their attributes.

COURSE OBJECTIVES:

At the end of the school year, the students will be able to:

* demonstrate confidence in solving addition and subtraction problems;
* analyze and solve number stories;
* write their number stories;
* explain their strategies in solving addition and subtraction problems;
* demonstrate correct measurement of things using standard and nonstandard measurement
  tools;
* collect, represent, and interpret data
* identify geometric shapes and their attributes and create composite shapes;
* read digital and analog clocks.

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 teacher input, offering 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 for a quiz or test will be required to take it some other time.

GRADING SYSTEM

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%

PRIMARY TEXTBOOK & OTHER RESOURCES

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

ADDITIONAL INFORMATION

Please see google classroom for more information.

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:
1. Purposely incorporating the ideas, words of sentences, paragraphs, or parts thereof without appropriate acknowledgment and representing the product as one's own work; and
1. Representing another's intellectual work such as photographs, paintings, drawings, sculpture, or

research or the like as one's own, including failure to attribute content to an AI.

2. Employing a tutor, making use of Artificial Intelligence without acknowledgement, getting a parent to write a paper or do an assignment, paying for an essay to be written by someone else and presented as the student's own work.

3. 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

SUBJECT: Gr. 1 Mathematics _____
1st QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 **Aug 12th to 16th** **4 Days of Class** 12~ First Day / Orientation Day 15~ Opening Mass & Assumption of Our Lady 8:00 15~ Induction of Class, Student Council Officers and DYM	Lesson 1-1 Add To Lesson 1-2 Put Together Lesson 1-3 Both Addends Unknown
Week 2 **Aug 19th to 23rd**	Lesson 1-4 Take From Lesson 1-5 Compare Situations Lesson 1-6 More Compare Situations Lesson 1-7 Change Unknown Lesson 1-8 Practice Adding and Subtracting
Week 3 **Aug 26st to 30th** 26~Fire drill? 26~Middle and High School Catholic Bridge Program (after assembly) 28~St. Dominic de Guzman Feast Day Celebration	Lesson 1-9 (Problem Solving) Construct Arguments Topic 9 Reteaching Topic 9 Quiz Lesson 2-1 Count on to Add Lesson 2-2 Doubles
Week 4 **Sep 2nd to 6th** 2~House Ceremony	Lesson 2-3 Near Doubles Lesson 2-4 Facts with 5 on a Ten-Frame Lesson 2-5 Add in Any Order Lesson 2-6 Count Back to Subtract Lesson 2-7 Think Addition to Subtract
Week 5 **Sep 9th to 13th** 9~ Mass & Birthday Mother Mary& VIP Induction	Lesson 2-9 Look for and Use Structure Topic 2 Reteaching Topic 2 Quiz Lesson 3-1 Count on to Add Lesson 3-2 Count on to Add Using and Open Number Line
Week 6 **Sep 16th to 20th** **1 Day of Class** 17~Moon Festival 18-20~ Teacher's Conference	Lesson 3-3 Doubles
Week 7 **Sep 23rd to 27th** 24-26~Pre-Exam Days	Lesson 3-4 Doubles Plus Lesson 3-5 Make 10 to Add

	Lesson 3-6 Continue to Make 10 to Add
	Lesson 3-7 Explain Addition Strategies
	Lesson 3-8 Solve Addition Word Problems with Facts to 20
Week 8 **Sep 30th to Oct 4th**	Lesson 3-9 Critique reasoning Topic 3 Reteaching Topic 3 Quiz Review Lessons
Week 9 **Oct 7th to 11th** **1 Day of Class** 7~Launching - Rosary Month and Bullying Prevention Day 8-9 ~Q1 Exams 10~Double Ten 11~Record Day	*Quarter 1 Exam*

2nd QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 (10) **Oct 14thth to 18th** 14~ Second Quarter Begins	Lesson 4-1 Count to Subtract Lesson 4-2 Make 10 to Subtract Lesson 4-3 Continue to Make 10 to Subtract Lesson 4-4 Fact Families Lesson 4-5 Use Addition to Subtract
Week 2 (11) **Oct 21st to 25th** 25 – Book Fair 25- Masquerade Night	Lesson 4-6 Continue to Use Addition to Subtract Lesson 4-7 Explain Subtraction Strategies Lesson 4-8 Solve Word Problems with Facts to 20 Lesson 4-9 Reasoning Topic 4 Reteaching
Week 3 (12) **Oct 28th to Nov 1st** 1-All Saint's Day Mass	Topic 4 Quiz Lesson 5-1 Find the Unknown Numbers Lesson 5-2 True or False Equations Lesson 5-3 Make True Equations Lesson 5-4 Add Three Numbers
Week 4 (13) **Nov 4th to Nov 8th**	Lesson 5-5 Word Problems with Three Addends Lesson 5-6 Solve Addition and Subtraction Word Problems Lesson 5-7 Precision Topic 5 Reteaching Topic 5 Quiz
Week 5 (14) **Nov 11th to 15th**	Lesson 6-1 Organize Data into Three Categories Lesson 6-2 Collect and Represent Data Lesson 6-3 Interpret Data Lesson 6-4 Continue to Interpret Data Lesson 6-5 Make Sense and Persevere
Week 6 (15) **Nov 18th to 22nd**	Topic 6 Reteaching Topic 6 Quiz

22-Gr.12 Q2 Exam 22 - YSC Contest	Lesson 8-6 Different Names for Same Number Lesson 9-4 Compare Numbers with Symbols <, >, and =
Week 7 16) **Nov 25th to 29th** 25-Gr.12 Q2 Exam 26-28~Pre-Exam Day	Lesson 10-6 Make a Ten to Add Lesson 10-7 Add Using Place Value Lesson 10-8 Practice adding Using Strategies Column addition with and without regrouping Quiz
Week 8 (17) **Dec 2nd to Dec 6th** **6~Half Day** Foundation Day Celebrations	More practice of column addition with word problems.
Week 9 (18) **Dec 9th to 13th** **3 Days of Class** 12-13 ~Q2 Exams	Review Lessons *Quarter 2 Exam*
Dec 16th to Jan 3rd	**Christmas Break**

3rd QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 (19) **Jan 6th to 10th** **4 Days of Class** 6~Record Day 7~Third Quarter Begins 10 ~ New Year Mass	Lesson 11-1 Subtract Tens Using Models Lesson 11-4 Use Addition to Subtract Tens Lesson 11-6 Use Strategies to Practice Subtraction Lesson 11-7 Model with Math
Week 2 (20) **Jan 13th to 17th**	Column Subtraction without Regrouping Column Subtraction with Regrouping Subtraction Word Problems Reteaching Quiz
Week 3 (21) **Jan 20th to 24th**	Lesson 12-1 Compare and Order Length Lesson 12-2 Indirect Measurement Lesson 12-3 Use Units to Measure Length Lesson 12-4 Use Appropriate Tool Reteaching and Quiz
Jan 27th to Jan 31st	**Chinese New Year**
Week 4 (22) **Feb 3rd to 7th**	Lesson 13-1 Tell the Value of Coins Lesson 13-2 Find the Value of Group of Coins Lesson 13-3 Understand the Hour and Minute Hands Lesson 13-4 Tell and Write Time to the Hour Lesson 13-5 Tell and Write Time to the Half Hour

Week 5 (23) Feb 10th to 14th 1-14~Catholic Week	Lesson 13-6 Reasoning Topic 13 Reteaching and Quiz Lesson 14-1 Use Attributes to Define Two-Dimensional (2-D) Shapes Lesson 14-2 Defining and Non-Defining Attributes of 2-D Shapes
Week 6 (24) Feb 17th to 21st	Lesson 14-3 Build and Draw 2-D Shapes by Attributes Lesson 14-4 Compose 2-D Shapes Lesson 14-5 Compose New 2-D Shapes from 2-D Shapes Lesson 14-6 Use Attributes to define Three-Dimensional (3-D) Shapes
Week 7 (25) Feb 24th to 28th 4 Days of Class 24~Lenten Mass? 25-27 ~ Pre-Exam Days 24-27~IOWA Assessments 28 ~ Memorial Day Holiday	IOWA Assessments
Week 8 (26) March 3rd to 7th 5~ Ash Wednesday	Lesson 14-7 Defining and Non-Defining Attributes of 3-D Shapes Lesson 14-8 Compose with 3-D Shapes Lesson 14-9 Make Sense and Persevere Topic 14 Reteaching Topic 14 Quiz
Week 9 (27) March 10th to 14th 4 Days of Class 14 – Q3 Exams	Review Lessons Quarter Exam

4th QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 (28) March 17th 21st 4 Days of Class 17 – Q3 Exams 18~ Fourth Quarter Begins 18~ Fire Drill? 19~ Feast of St. Joseph	Lesson 15-1 Make Equal Shares
Week 2 (29) March 24th to 28th	Lesson 15-2 Make Halves and Fourths of Rectangles and Circles Lesson 15-3 Understand Halves and Fourths Lesson 15-4 Model with Math Topic 15 Reteaching Topic 15 Quiz
Week 3 (30) March 31st to April 4th 4 Days of Class 4~Tomb Sweeping	Review: Addition with and without Regrouping Write and solve word problems involving addition Solve addition equations using different strategies Quiz
Week 4 (31) Apr 7th to 11th	Review: Subtraction with and without regrouping Write and solve word problems involving subtraction Solve subtraction equations using different strategies

	Quiz
April 14ᵗʰ to April 18ᵗʰ	
Week 5 (32) **Apr 21ˢᵗ to 25ᵗʰ** 23~Easter Mass 21-25 ~ AP Mock Exams 26~Spring Fair	Review: Making and Interpreting tally charts Review: Making and Interpreting picture graphs Reteaching
Week 6 (33) **Apr 28ᵗʰ to May 2ⁿᵈ** 4/29-5/1~ Pre-Exam Days 1-2~ Final Exams (K, 5, 8, 12 only)	Review: Measuring lengths using nonstandard units Review: Measuring lengths using standard units (cm and in.) Review: Comparing lengths Weeks 5 and 6 Quiz
Week 7 (34) **May 5ᵗʰ to 9ᵗʰ** 5-9~ Final Exams (K, 5, 8, 12 only) 5-9 ~ AP Exams	Review: Telling Time (half past, quarter past, quarter to) Review: Halves and Quarters Review Lessons
Week 8 (35) **May 12ᵗʰ to 16ᵗʰ** **4 Days of Class** 14-15~ Q4 Exam 16~ Record Day 12-16 ~ AP Exams	Quarter Exam
Week 9 (36) **May 19ᵗʰ to 23ʳᵈ** 19-23 ~ Student Clearance 19~ Baccalaureate Mass 23~Gr. 6 – 7 Recognition and Gr. 8 Graduation	End of the Year Activities
Week 10 (37) **May 26ᵗʰ to 30ᵗʰ** **4 Days of Class** 26~House Culminating Activity 27~Gr. 9-11 Recognition and Gr. 12 Graduation 28! Class Party 29- ~ Students Last Day 30~ Teachers/Staff Meeting	End of the Year Activities