

Dominican International School Kaohsiung



Course Syllabus

Subject: Mathematics

Grade: 2

SY: 2023-2024

Teacher: Ms. Kerri Aikman

Email: kaikman@disk.kh.edu.tw

Course Description:

The second-grade Math curriculum builds on the foundations developed in the first grade. The syllabus is planned and centered around the Common Core State Standards (CCSS). The construction of Mathematical knowledge continues from first grade through the use of concrete manipulative materials and problem-solving discoveries. Students acquire knowledge and skills, and develop an understanding of Mathematics from their own experiences. This means that students will be provided with a wide range of meaningful experiences through applying Math in real life contexts and situations and become actively involved in learning. The second grade Math curriculum is divided into five areas: Operations and Algebraic Thinking, Number and Operations in Base Ten, Number and Operations-Fractions, Measurement and Data, and Geometry.

Grade 5 Math Standards:

- **Number and Operations in Base Ten:** Understand place value. Use place value understanding and properties of operations to add and subtract.
- **Operations and Algebraic Thinking:** Represent and solve problems involving addition and subtraction. Add and subtract within 20. Work with equal groups of objects to gain foundations for multiplication.
- **Measurement and Data:** Measure and estimate lengths in standard units. Relate addition and subtraction to length. Work with time and money. Work with time and money.
- **Geometry:** Reason with shapes and their attributes.

Course Textbook:

Primary Textbook

Dixon, J., et. al. (2012). Go Math. Houghton Mifflin Harcourt.

Class Materials Required:

- Math Textbook
- Standards Practice Workbook
- Materials listed on the Homeroom Supplies list

Classroom Expectations:

In order to promote a safe and positive classroom community and an environment conducive to learning, all students will:

Respect Self

- Listen and follow directions the first time they are given
- Come to class prepared and on time
- Complete all assignments
- Choose to use words that are appropriate for school
- Speak only in English
- Do their best!

Respect Others

- Listen actively to what others have to say and take turns in conversations
- Raise their hand before speaking
- Follow all of the DISK Handbook rules and procedures

Respect Property

- Handle all school and classroom equipment appropriately and with care
- Ask before touching other people's belongings

Assessment:

Formative, summative, and pre-assessments in the form of projects, quizzes, homework assignments, unit tests, and quarter exams contribute to the final quarter grade. In addition, students will be assessed for deportment following the DOP STARS Deportment Rubric. See the table below for a breakdown of quarterly/yearly grading percentages.

30% Class Participation & Seatwork, Homework
30% Minor Projects, Portfolio, Unit Tests & Major Projects
30% Quarter Exam/Assessment
10% Deportment

Quarter One - Pacing Guide

DATE	CHAPTER/LESSON TARGET/PAGES
Week 1	Introduction to the class, rules, procedures
Week 2	Chapter 1: Number Concepts
Week 3	Chapter 1: Number Concepts
Week 4	Chapter 1: Number Concepts
Week 5	Chapter 2: Numbers to 1,000
Week 6	Chapter 2: Numbers to 1,000
Week 7	Chapter 2: Numbers to 1,000
Week 8	Review material for exams
Week 9	Exam Week

Quarter Two - Pacing Guide

DATE	TOPIC/LESSON TARGET
Week 1	Chapter 3: Basic Facts and Relationships
Week 2	Chapter 3: Basic Facts and Relationships
Week 3	Chapter 4: 2-Digit Addition
Week 4	Chapter 4: 2-Digit Addition
Week 5	Chapter 4: 2-Digit Addition
Week 6	Chapter 5: 2-Digit Subtraction
Week 7	Chapter 5: 2-Digit Subtraction
Week 8	Exam Week

Quarter Three - Pacing Guide

DATE	TOPIC/LESSON TARGET
Week 1	Chapter 5: 2-Digit Subtraction
Week 2	Chapter 5: 2-Digit Subtraction Chapter 6: 3-Digit Addition and Subtraction
Week 3	Chapter 6: 3-Digit Addition and Subtraction
Week 4	Chapter 6: 3-Digit Addition and Subtraction
Week 5	Chapter 7: Money and Time
Week 6	Chapter 7: Money and Time
Week 7	Chapter 9: Length in Metric Units
Week 8	Chapter 9: Length in Metric Units
Week 9	Exam Week

Quarter Four - Pacing Guide

DATE	TOPIC/LESSON TARGET
Week 1	ITBS
Week 2	Chapter 10: Data
Week 3	Chapter 10: Data
Week 4	Chapter 10: Data
Week 5	Chapter 11: Geometry
Week 6	Chapter 11: Geometry
Week 7	Chapter 11: Geometry
Week 8	Review
Week 9	Exam Week

