



Dominican International School Kaohsiung 高雄市私立道明外僑學校

高雄市中華一路107號
107 Chung Hua 1st Road
Kaohsiung, Taiwan, R.O.C. 804

Tel: (07) 552-3989
Fax: (07) 553-7397
Web: www.disk.kh.edu.tw

Course Syllabus

Subject: Math
Teacher: Ms. Lorna Pringle

Grade: 1 SY: 2023-2024
Email: lpringle@disk.kh.edu.tw

Course Description:

The students acquire a basic conceptual understanding of the base 20 numeral system. During these early years, they typically develop the "number sense" needed to 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. The read-aloud story will access prior knowledge needed to complete the chapter.

Course Requirements:

- The course will be conducted through lectures, discussions, practice material, projects, and student presentations. Students are strongly encouraged to raise questions and make comments in class. Participation is the key to success.
- Students are required to complete each assignment by the date that it is assigned. Staying on track with assignments will facilitate understanding of the class material.
- Assignment books are available to each student. If there is difficulty in completing the assignments, the teacher must be notified before class the next day.
- Students are encouraged to communicate concerns to teachers and ask for help as needed throughout the school year.
- Students are expected to organize their own class materials and to keep their work neat and tidy. Parents are encouraged to help students by labeling personal items with identification stickers with the student's name in English.
- Students will observe all school policies as outlined in the DISK Handbook. This includes arriving at school on time, abiding by the dress code and speaking only English on the school grounds.
- Students will observe all school policies on Academic Honesty, as outlined in the DISK Handbook. All cases of academic misconduct (such as cheating on tests or plagiarism) will automatically result in a "Fail" grade for the assignment, in addition to any sanctions that may be imposed by the School Discipline office.

Textbooks:**GO Math**

Dixon, Juli K., et al. *Go Math!* Houghton Mifflin Harcourt, 2012.

Classroom Rules and Expectations:

- As you enter at the beginning of the day, turn in ALL homework into the homework basket and assignment books into the assignment book basket.
- During lessons, please raise your hand to speak and speak in English.
- Bring all required materials (pencils, markers, scissors, etc) to class.
- Students must enter the classroom in a quiet and controlled manner.
- The doors should be gently closed with care.
- Students will be given time to prepare to leave for another class.
- Leave quietly and use only the front stairs.

Classroom Expectations: Be a STAR!

- Spiritual: Be grateful for learning opportunities and kind to others.
- Truthful: Be the friend that is dependable and honest.
- Active: Come to class ready to participate.
- Responsible: You are in charge of your materials and assignments.
- Studious: Stay focused on your study goals and you will reach them.

Class Materials Required:

- GO Math Textbook
- Math notebook
- Pencil case with pencils, erasers, glue, ruler etc.

Assessment:

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

Quarter One - Pacing Guide

Date	TOPIC - Addition/Subtraction	CHAPTER/UNIT
Week 1	Introduction, rules, and procedures; Addition modeling	Unit 1 Operations and Algebraic Thinking Chapter 1 - Addition Concepts (Pgs. 10-45)

Week 2	Checkpoint 1 - Addition Add zero; Add in any order	
Week 3	Subtraction modeling	Chapter 2 - Subtraction Concepts (Pgs. 50-89)
Week 4	Checkpoint - Subtraction Subtract all or zero	
Week 5	Add in any order	Chapter 3 - Addition Strategies (Pgs. 97-141)
Week 6	Doubles plus and minus one	
Week 7	Add ten or more	
Week 8	Add 3 numbers	
Week 9	Review material - Q1 Exam	
Diary dates	<ul style="list-style-type: none"> • 08/19 Parent Teacher Meeting • 09/29 Mid-Autumn Festival • 10/02 - 10/06 Exam Week 	

Quarter Two - Pacing Guide

Date	TOPIC - Addition/Subtraction Numbers in Base 10	CHAPTER/UNIT
Week 10	Count back	Unit 1 Operations and Algebraic Thinking Chapter 4 - Subtraction Strategies (Pgs. 153-173)
Week 11	Think addition to subtract Use 10 to subtract	

Week 12	Add or subtract	Chapter 5 - Addition and Subtraction Relationships (Pgs. 185-221)
Week	Record and identify related facts	
Week	Choose an operation	
Week 15	Equal and not equal	
Week 16	Count by ones to 120 Count by tens to 120	Unit 2 Numbers and Operations in Base Ten Chapter 6 - Count and Model Numbers (Pgs. 241-277)
Week 17	Tens and ones to 50 and 100	
Week 18	Quarter 2 Exam	
Week 19	Semester review	
Diary Dates	<ul style="list-style-type: none"> • 10/10 Double Ten Day • 12/04 - 12/08 Exam Week • 12/18 - 01/02 Christmas Holiday / Winter Vacation 	

Quarter Three - Pacing Guide

Date	TOPIC - Numbers in Base 10	CHAPTER/UNIT
Week 20	Greater than and less than	Unit 2 Numbers and Operations in Base Ten Chapter 7 - Compare Numbers (Pgs. 289-305)
Week 2	Use symbols to compare	

Week 22	Add within 100	Chapter 8 - Two-Digit Addition and Subtraction (Pgs. 317-349)
Week 23	Add and subtract 10	
Week 24	Use a hundred chart to add Use place value to add	
Week 25	Order length Use non-standard units	Unit 3 Measurement and Data Chapter Chapter 9 - Measurement (Pgs. 369-401)
Week 26	Time to the hour	
Week 27	Picture graphs, bar graphs, and tally charts	Chapter 10 - Represent Data (Pgs. 413-437)
Week 28	Review materials for exams - Q3 Exam	
Week 29	Exam review; ITBS Practice	
Diary Dates	<ul style="list-style-type: none"> • 02/08 - 02/16 CNY • 02/28 Memorial Day Holiday • 03/04 - 03/08 Exam Week 	

Quarter Four - Pacing Guide

DATE	TOPIC	CHAPTER/UNIT
Week 30	ITBS Testing Three-dimensional shapes	Unit 4 Geometry Chapter 11 - Three-Dimensional Geometry (Pgs. 457-473)
Week 31	Combine three-dimensional shapes	

Week 32	Take apart three-dimensional shapes	
Week 33	Sort two-dimensional shapes	Chapter 12 - Two-Dimensional Geometry (Pgs. 485-521)
Week 34	Describe two-dimensional shapes	
Week 35	Combine two-dimensional shapes	
Week 36	Equal or unequal parts	
Week 37	Review material for exams - Q4 Exam	
Week 38	Semester review	
Diary dates	<ul style="list-style-type: none"> • 04/01 - 04/05 Spring Break • 05/20 - 05/24 Exam Week • 05/30 - End of Grade 1 	