Ms. Billerbeck
Class Syllabus: Singapore Math 7
Email: msdsmath@gmail.com
website: https://msbillerbeck.weebly.com/

Boluo School Vision Statement
The mission of Boluo School is to make English literacy education accessible, affordable and personalized for students. By connecting students with tutors, we are empowering youth to become engaged global citizens.

Singapore Math 7
Singapore Math 7 is designed to prepare our scholars for Singapore Math 8 and then an algebra course. It uses a problem-based approach punctuated with concrete models. The course helps scholars to develop multiple strategies to solve problems and to recognize the connections between concepts.

Course Objectives
- Model integers, operations with integers, and rational numbers including, using the order of operations.
- Using linear models and equal ratios to represent part-whole relationships.
- Use percentage and scale factors to determine percent increase or decrease, discounts and markups.
- Use variable expressions to represent quantities in contextual problems.
- Simplify variable expressions by combining like terms and using the Distributive Property.
- Solve linear equations, including those with fractional coefficients, and those with no solutions or infinite solutions.
- Solve and graph one-variable inequalities.
- Compare experimental and theoretical probabilities.
- Distinguish between dependent and independent events and calculate the probability of compound independent events.
- Represent probabilities of multiple events using systemic lists, charts, or tree diagrams.
- Design, conduct and analyze surveys.
- Collect and compare data and describe the distribution of sets of data.
- Solve distance, rate and time problems.
- Compare ratios and calculate unit rates.
- Recognize and solve problems involving proportional relationships.
- Recognize and use the properties of similar shapes and scale factors to solve problems.
- Describe angles, angle pairs and their measures.
- Compute area and perimeter of standard and compound shapes.
- Compute the volume of a variety of solids.

Mathematics Course Standards
The California Common Core Mathematic Standards can be found at **http://www.cde.ca.gov**

Instructional Material/supplies
- 1.5" (1-1/2") Three Ring Binder
- Dividers
- 8 ½ by 11 college-ruled binder paper
- ¼ graph paper
- Pencils
- Compass
- Protractor
- Ruler
- No Scientific Calculators Will Be Used

Classroom Conduct and Expectations

In order to be successful in this class a scholar will need to be responsible, have good attendance and have good study habits.

1) What it means to be responsible:
- Bring all required instructional material to class every day.
- Do your homework.
- Be to class on time.
- What it means to have good attendance:
- Come to school every day. *(There will be days when you are sick or can't come to school for other reasons and that's understandable. The daily Homework will be posted on my page on my website https://msbillerbeck.weebly.com/ . **Please make up any missed assessments due to an excused absence within 1 week of scholar's return to school.**)*

3) What it means to have good study habits:
- Be active in class. *(Paying attention, asking questions and being on task.)*
- Doing your homework.
- Asking for help.
- Every scholar has the right to a safe, welcoming environment in which to learn. This means that I require scholar to be respectful. Respectful to each other, to the faculty, to staff and to the school.

Assignments

Scholars should expect to spend 30 minutes to an hour every weeknight on homework. I strongly encourage the scholar to develop a regular study time and place. There will be times when the scholar will not have homework; this time should be spent on organizing and reviewing their notes and instructional materials. A list of the assignments can be found on my website at **https://msbillerbeck.weebly.com/** . I strongly encourage parents to review the weekly calendars with their scholar so that they can build a study plan for the week.

In order for a scholar to receive full credit on an assignment:
- The work must be complete, correct, in pencil, and ***legible.***
- Please turn in a picture of your assignments after you have checked your work with the answers in the back of the workbook to **msdsmath@gmail.com.**

Assessments

We will play Kahoots games as an informal assessment of the student's knowledge.

Additional Information

I encourage both scholars and parents to contact me with any concerns or questions. I look forward to working with both the scholar and the parent to help prepare the scholar for their future. I am always happy to provide feedback on how a scholar is performing. I also reserve the right to modify any portion of this syllabus at any time. If the syllabus is modified both the scholar and the parent will be notified.

Thank you,

Ms. Billerbeck

Dear Scholar and Parent,

Once you have read and understand the class syllabus. Please fill in, take a picture, and return this page to Ms. Billerbeck at msdsmath@gmail.com.

<div align="center">
Thank you,
Ms. Billerbeck
</div>

We have read and understand the information in the class syllabus.

Student Name	Student Signature	Student Email Address
Parent/Guardian's name	Parent/Guardian's Signature	
Parent/Guardian's e-mail (Best one to reach you)	Parent/Guardian's e-mail (Alternate)	

Student Survey
Please fill out the following questions to the best of your ability.
What was your past mathematical experience like? Circle one below

       Great   Good   Okay   Bad   Traumatic

Explain:_____

How do you study for your math tests and for how long?

_____

What are your expectations for this class?

_____

My two mathematical strengths are 1._____ 2._____

My two mathematical weaknesses are 1._____2._____

List your hobbies, interests and/or sports you are involved in:

_____   _____ _____

My favorite quote is:_____ _____

_____ By _____

What is your favorite book?

_____

What is one thing that you are proud of or that is interesting about you?

_____

What else do you think I should know about you?

_____