



Weekly Sheet for 2nd Grade STEM
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Week #10, 10/31/11 – 11/04/11

Topics/Content/Skills:

- Addition/Subtraction/Multiplication Fact Families
- Summations
- Adding_ Subtraction (Mental Math)
- Word Problems
- Matter – Changing States of Matter

Skills:

- Understand how to add and subtract numbers mentally
 - Ability to add numbers quickly mentally by understanding what it means to add + 1 or 2 to a number
 - Ability to add numbers quickly mentally by understanding what it means to add 10, 100 or 1000 to a number
- Understand key words to look for in word problems to understand what type of equation to use to solve it.
- Understand how to construct a tower out of popsicle sticks for the upcoming competition
- Understand that matter exists in 4 primary states and that they change states as a result of heating and freezing.

Vocabulary/Key Terms/Formulas:

Matter, Melting, Freezing, Evaporation, Solid, Liquid, Gas, Plasma, Summation

Homework/Classwork: (All homework is due the next class day unless indicated.)

	<u>In Class</u>	<u>Homework</u>
<u>Monday</u>	Mastery Test #5 Changing States of Matter Addition Fact Families	Singapore Workbook 2A: Students should be finish through Exercise 26. Students may continue in the workbook as far as they would like. Group B (Intensive 2A Packet) Homework: Matter
<u>Tuesday</u>	Computer Lab: Practice Tower Building	Singapore Math 2A: Exercise 27 Group B (Intensive 2A Packet)

	Subtraction Fact Families	Homework: Matter
<u>Wednesday</u>	Word Problems Multiplication Fact Families	Word Problem Worksheet
<u>Thursday</u>	Subtraction with Borrowing Game and Review Tower Building	Singapore Math 2A: Exercise 28 Group B (Intensive 2A packet)
<u>Friday</u>	Mastery Test # 6 Review (one-on-one) Computer Practice	Singapore Math 2A: Ex. 29 and 30 Group B (Intensive 2A packet)

Tests/Due Dates:

Monday: Students will have a Mastery Test covering the following topics:

Place Value, Adding, Subtracting, Word Problems, Matter, Newton's Laws of Motion, Gravity, Money, Friction, Naming Polygons, Multiplication,

Special Events/News:

SPIRIT WEEK: OCT 31 – NOV 4

Have students dress according to each day's theme!!

Extraordinaries/Mastery Review Topics:

Summations

Other Information

Parents: You will be receiving the student mastery sheets on Monday, Oct. 31. You will see which skill sets the students have mastered and which ones they are still working on. As you look at the mastery tests, please focus on whether your child is mastering the concept – not the grade!! That is why I don't put grades on the tests because it is all about "IMPROVEMENT." If a student is not improving by 2 Mastery Tests later, then I will work on another strategy with that student. Some students I am finding know the answers verbally but have trouble putting it down in written form. I am making notes of these trends so that we can discuss future strategies with them. If you have any questions about your child's performance, you may contact me or Mr. Keith via email preferably. Thank you!

Websites for practice:

- Students can practice their math skills at the following website: www.ixl.com. They know their passwords and logins. If they forget, you may email me to get the login and password information.