

Mrs Heba's Math and Science Weekly Newsletter

Week of Sept. 16 - 20, 2019

Assalamu Alaykum Dear Parents,

I need to underscore certain points:

-I give the students Math homework at least three days per week, so please follow up with the kids. NO WORRIES if the student did not answer all the problems correctly. I evaluate the effort, not the outcome. NO WORRIES if the student is not on the same level as his/her peers. I offer extra help all the time for those who ask anytime including lunch and recess time.

-I encourage all kinds of questions and suggestions BETWEEN my ten-minutes teaching increments not to distract other students and to practice note taking.

-5th and 6th grade have four sources of Science: The textbook, the class notebook, the printout booklets and worksheets, and the learning A to Z website and here is the log in info if you need more reading with your kid:

both the username and password are the same: Sciencelcci1

Teacher name: Heba Hussein

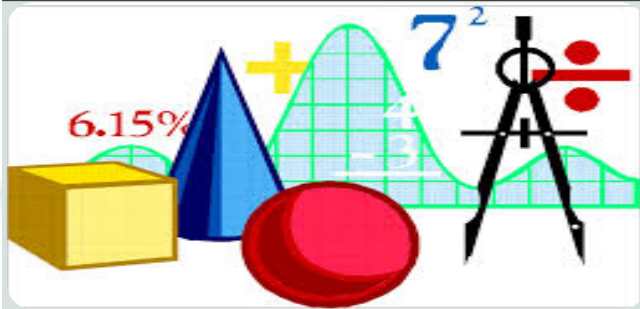
7th and 8th grade have textbook, notebook, printouts, and interactive book.

I also have good news. Some students 6th-8th grade (Middle School) will participate in Chemistry Contest on a state level next month by doing posters under my supervision. Most students are really so excited about it. 5th grade students also are welcome to help, or do a mock local contest in the class.

At the open house day, our very dear, Logain, participated in the Bake Sale. We are so proud of her being proactive and kind.



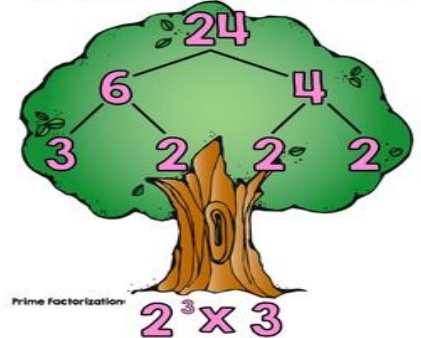
If you have any questions or concerns, please feel free to email me at
Heba_Hussein@dentistry.cu.edu.eg



5th Grade

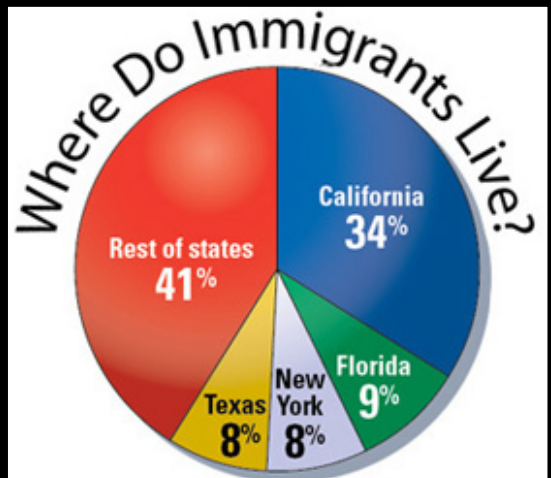
This week we will finish our unit on number theory prime factorization of a number. We will also work on estimation strategies when finding an exact answer is impractical. We will have a review on this unit on Tuesday and have a **TEST Wednesday, Sept. 29**. We will then begin our new unit on estimation and computation.

Factor Tree



6th Grade

This week we will continue creating and interpreting histograms and step graphs. We will be reading and interpreting circle graphs that have been constructed from survey data. We will also work on finding the perimeter and area of a rectangle and use the graphs to investigate relationship between the two. In addition, we will analyze data displays and explain ways in which data can be misrepresented and mislead.

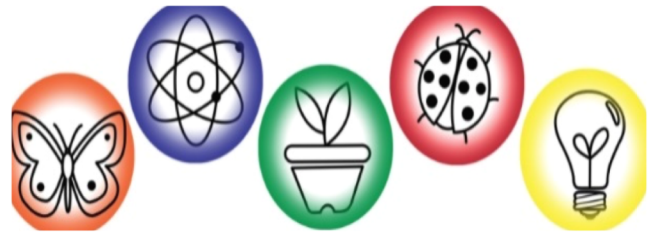


7th and 8th Grade

This week we will continue working with transformations. We will work on constructing reflections. We will then learn how to construct rotations of various degrees and also perform series of transformations: reflect-reflect, dilate-reflect etc.

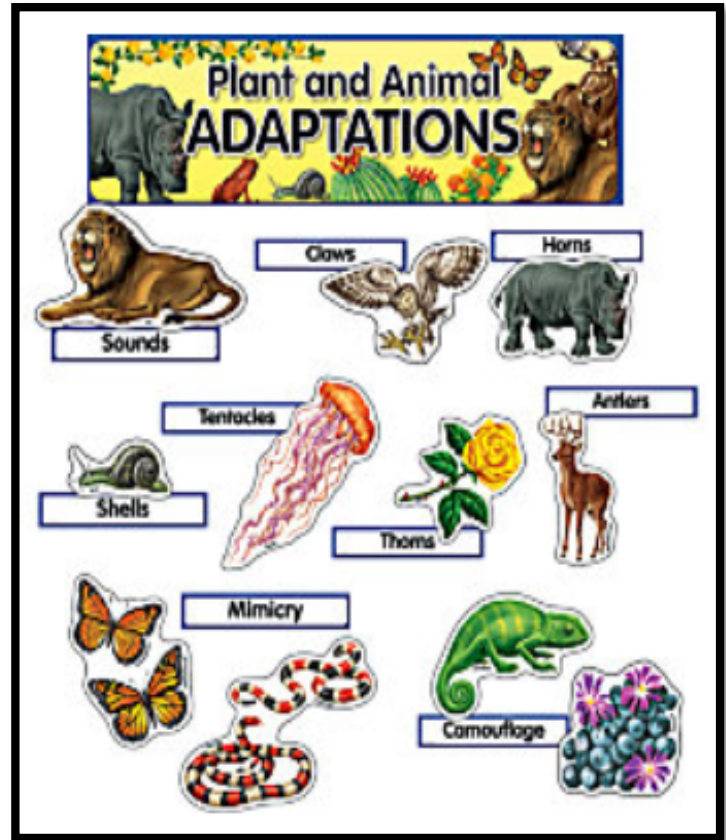
<h3>Reflection</h3>	<h3>ROTATION</h3>
<h3>Translation</h3>	<h3>Dilation</h3>

Science



5th and 6th Grade

This week we will start our new chapter, Adaptations. We will learn about 'survival of the fittest' plant adaptations, animal physical and behavioral adaptation.



Adaptations of Organisms in the Tundra

PLANT ADAPTATIONS

- Functional:**
 - Small shrubs and mosses that grow low to the ground to keep from freezing
 - Grow in clumps to protect one another from the wind and cold
- Structural:**
 - Dark in color to absorb solar heat
 - Shallow roots to not have to penetrate ice



ANIMAL ADAPTATIONS

- Structural:**
 - Layer of fat—**blubber**
 - Two layers of fur
 - Bigger body
- Behavioral:**
 - Migration to warmer areas in the winter
 - Hibernations**—deep sleep to save energy



7th and 8th Grade

We will explore stages of cell division, mitosis. We will learn about artificial blood, tissues, organs and body systems.

