

Mrs. Edina's Math and Science Weekly Newsletter

Week of Sept. 17 - 21, 2018

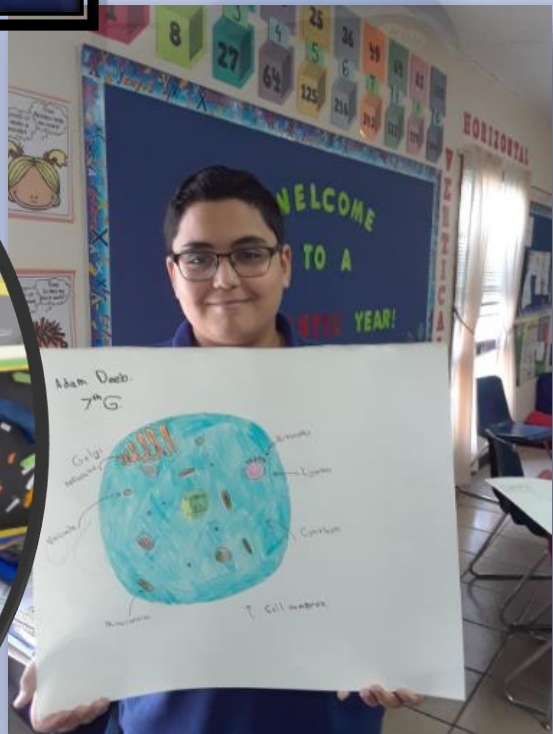
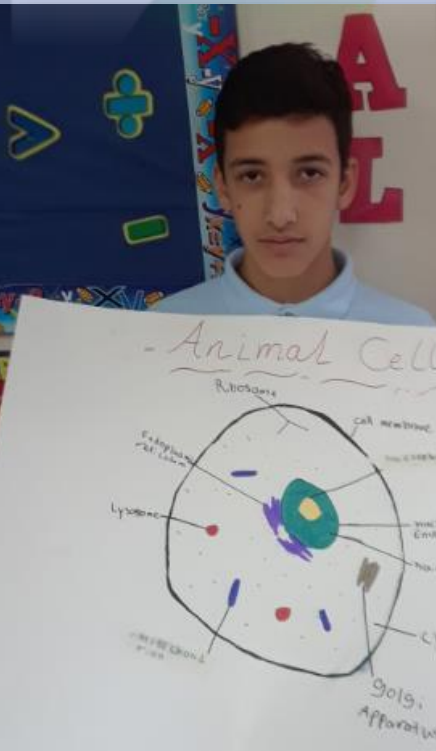
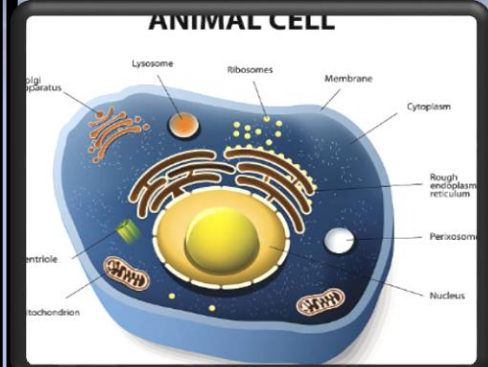
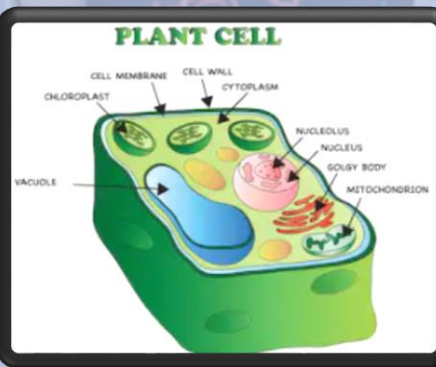
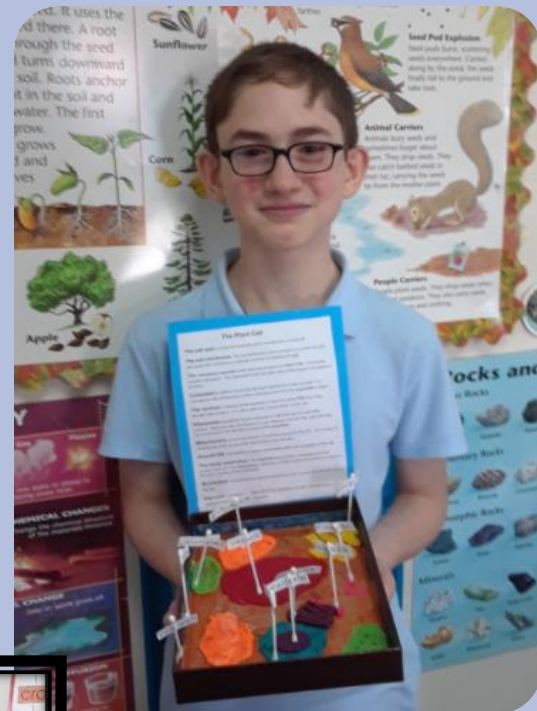
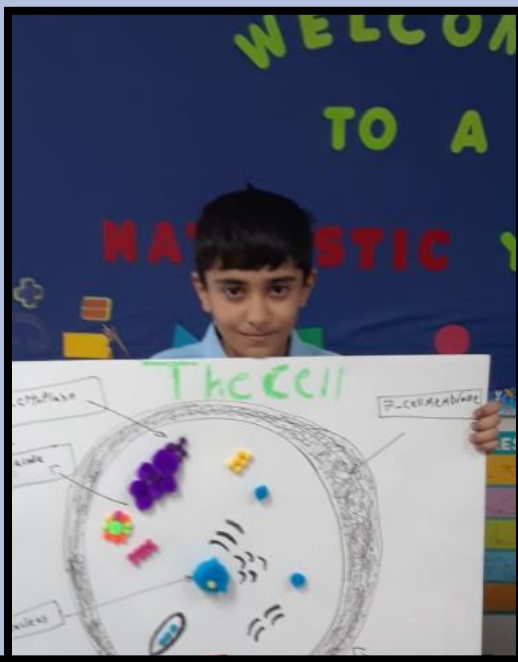
**IF YOU CAN'T BE A PENCIL TO WRITE
SOMEONE'S HAPPINESS,
THEN TRY TO BE A NICE ERASER TO
REMOVE THEIR SADNESS.**

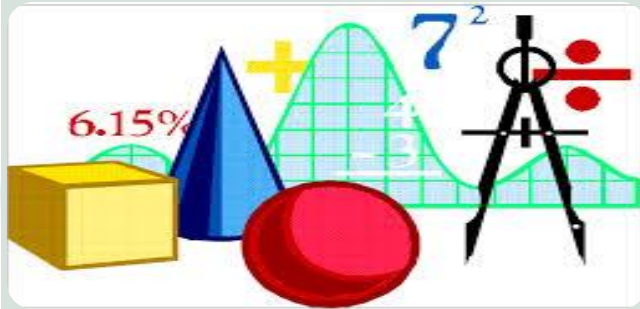
Assalamu Alaykum Dear Parents,

This week our 7th and 8th grade students did a great job making and presenting their cell models. Scroll down to see the photos, and also what we will be doing this coming week.

If you have any questions or concerns please feel free to call me on my cell phone or email me at mrs.cubic@icciacademy.com.



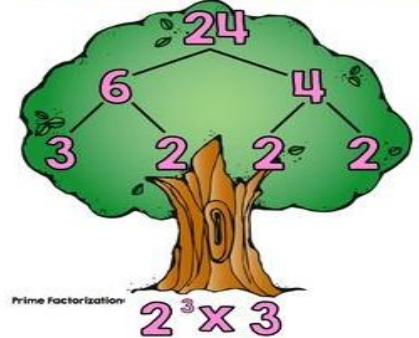




5th Grade

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.

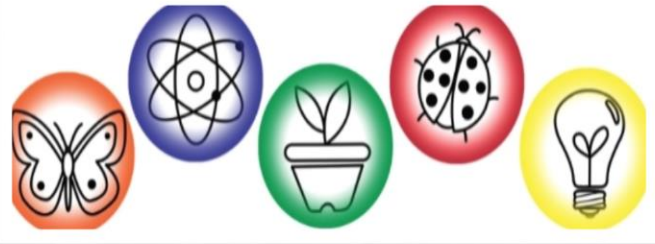


7th and 8th Grade

This week we will continue working with transformations. We will work on constructing reflections. We will have a **QUIZ** on dilations and reflections on **Wednesday, Sept. 19**. We will then learn how to construct rotations of various degrees and also perform series of transformations: reflect-reflect, dilate-reflect etc.

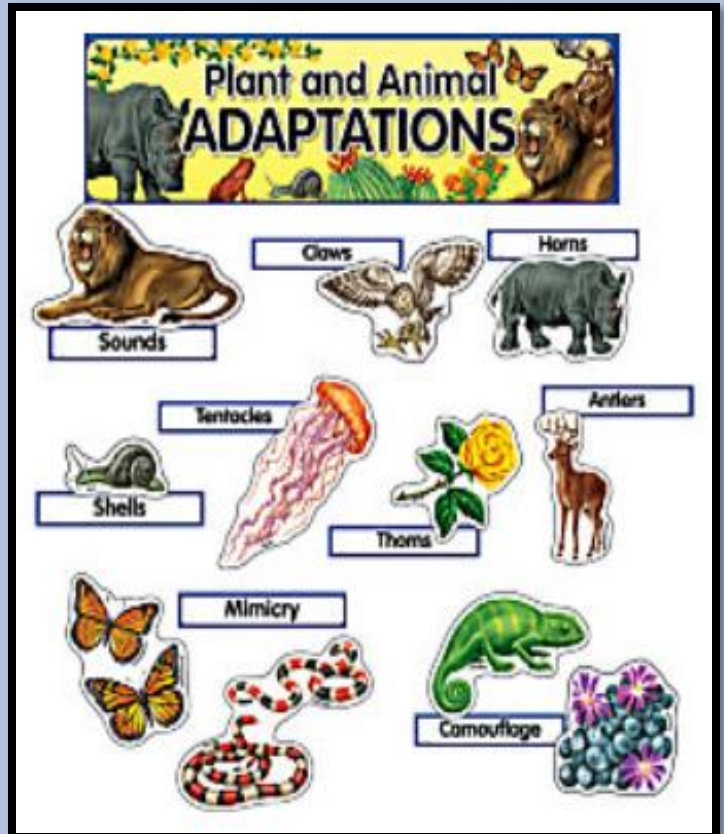
<h3>Reflection</h3>	<h3>ROTATION</h3>
<h3>Translation</h3>	<h3>Dilation</h3>

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

This week we modeled the process of diffusion through an experiment. We will explore stages of cell division, mitosis. We will learn about artificial blood, tissues, organs and body systems. Finally, we will review the chapter on cells and have a **TEST Friday, Sept. 21.**

