



## From the desk of Mr. Jimenez, Jr. High Math Teacher

Greetings Middle School Parents,

Please see below for a brief summary of our progress thus far in each class.



### **6th Grade**

We are well into Chapter 4 which looks at Order of Operations. Right before students left for 6th grade camp, we were learning about algebraic expressions, equations and inequalities. Upon their return after Thanksgiving Break, we will continue to look at algebraic equations involving addition, subtraction, multiplication and division. We will end the chapter by looking at the distance, volume and perimeter formulas. We will then dive into Chapter 5 where students will learn about integers (positive and negative numbers)

### **7th Grade**

We just finished looking at Scientific Notation. Specifically students learned how to multiply and divide in scientific notation. We will finish up Chapter 4 discussing how to work with equations that contain decimals. We will then dive into Chapter 5 where we will take a look at Greatest Common Factors (GCF), Least Common Multiples (LCM) and how to deal with fractions in equations.

### **8th Grade**

We have been spending a significant amount of time looking at multi-step equations. We have a few more sections to cover before we begin Chapter 4 which looks at inequalities. Much like our last chapter which started at one-step equations and worked up to multi-step equations, the next chapter on inequalities will follow a similar pattern. Please encourage students to ask questions during our regular Thursday Academic Study Hall where students are welcome to pick any subject they find challenging that week to work on for 50 minutes.

Many blessings as we enter into the Advent Season.

## From the desk of Sister Tarbytha Mariam, Jr. High Religion Teacher

# Religion

“Let no one mourn that he has fallen again and again: for forgiveness has risen from the grave!” -St. John Chrysostom

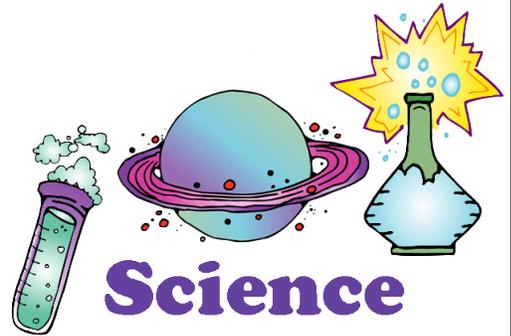
**6th** - So far, we have been making steady progress through the book of Genesis. We have learned about Creation, Adam and Eve, Noah, Abraham, Isaac and Jacob, finally ending with the 12 tribes of Israel. As the quarter moves forward, we will continue to follow the tribes of Israel on their journey to the promised land. Throughout the month of December, we will be diving more deeply into the stories surrounding the 12 sons of Jacob (Israel), their sojourn in Egypt and their 40 years of wandering in the desert. We will also prepare for the birth of Christ and the Christmas season through different activities and lessons.

**7th and 8th** - For the first quarter, all of Junior High has learned the same things in regard to scripture. We have now laid a sufficient enough foundation in the Old Testament to slowly start shifting into the New Testament and the coming of Christ. However, the last thing we will be focusing on in the Old Testament is the 10 Commandments. As your children continue to mature, so do their questions. The lessons I will be teaching them on the 10 Commandments will go into a great deal of morality. I have created an environment in my classroom where the students feel comfortable enough to ask me questions they would generally avoid asking their parents. That being said, I encourage you as always to engage in conversation with your children on these topics. You will be surprised at their maturity as well as their knowledge.

From the desk of Sr. Anahyd, Jr. High Science Teacher

Hello Parents!

The 8<sup>th</sup> graders have begun decoding the periodic table, and have been able to put together compounds by determining valency by means of Electron Dot configurations and Lewis Structures! From there, we will be going into the different kinds of bonding (focusing primarily on determining if the bonds are either ionic or covalent) and the properties each type of bond has. We will then continue by studying the different types of chemical reactions, how to classify each type of reaction, how to balance out their chemical equations and how to control them.



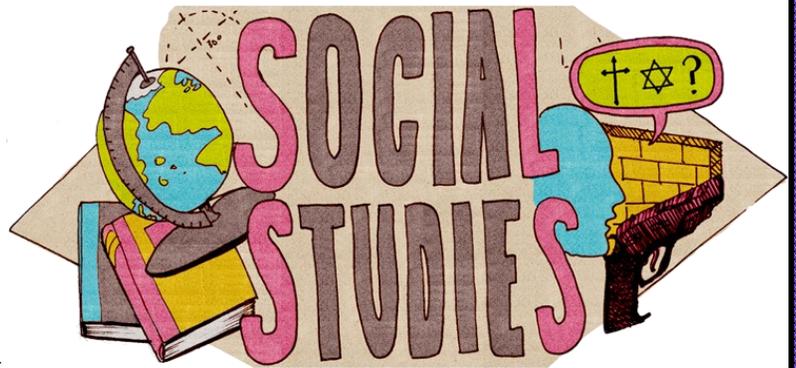
The 7<sup>th</sup> graders have begun learning about Gregor Mendel and have begun studying life science under the lens of genetics. We will continue our journey as we look into heredity focusing specifically on complete dominance, incomplete dominance and codominance. We will then apply what we've been discussing to the chromosomes themselves while learning about meiosis. We will then shift gears and continue learning about how DNA actually creates proteins within the body along with the different types of mutations that may arise along the way.

The 6<sup>th</sup> graders, continuing our discussion on Pangaea, will be learning about the movement of the continents to their current positions. From there, we will learn about the theory of Plate Tectonics, how they move and their boundaries. We will then discuss the different forces found within the Earth's crust, the different types of stress and faults found within, earthquakes and seismic waves.

From the desk of Ms. Ashley,  
Jr. High Social Studies Teacher

Dear Parents of Sixth, Seventh, and Eighth Graders:

I have met many of you and I am enjoying working at Holy Trinity School teaching Social Studies to your children.



I am being trained on GradeLink and hope to have your child's info online soon. We are in the midst of learning about the Far East, Africa and "early America." Please ask them, "So, what did you learn today?" I will be sending home their cumulative work for review and signature. Should you have any questions or concerns...please feel free to reach out.