

# St. Eugene School

## Middle School News

### From Mrs. Webster

#### **Algebra One**

As we near the end of our Algebra One course, we are incorporating a lot of review material. Each student was assigned a review topic to teach to the class using Notebook software and the Smartboard. Each student will be presenting their review topic to their classmates in the coming weeks. Students are also keeping a log of their own individual review topics and are responsible for choosing practice work to match these skills. Finally, students are creating their own Algebra reference cards which we started in class this week.

#### **Business Fair**

With only two weeks left, the eighth graders need to be working hard on their Business Fair projects. All of their projects and their 3 panel board are due on Thursday, May 17. Please encourage your child to not wait for the last minute to complete their projects and board. On May 18 and 19, they will be presenting their businesses to their classmates, Mrs. P. and me. Make sure you have the Business Fair date - May 24 in the afternoon - marked on your calendar. The students are looking forward to

showing off their projects to family and friends.

#### **Finance Park Field Trip**

Seventh graders are working hard on a few last lessons in adult finances before their field trip to the Junior Achievement Finance Park on Monday, May 14. We are learning about the stock market, goal setting, compound interest and the rule of 72. Next week, we will cover responsible spending and credit card use. For the field trip, don't forget to send a bag lunch. Thanks to the moms who volunteered to help with Finance Park: Christine Candela, Pricilla Siwicki, Leslie Heinrichs, and Jenna Kunde. I sent home a letter with details with your sons.

#### **Global Awareness Book Trailers**

The sixth graders are creating book trailers for our library collection of books on global awareness. Students read their books and created video storyboards. Now they are busy combining a variety of different media to entice fellow students to read their chosen book. Students are using Final Cut Pro, which is professional level

software, to edit their video. In Lit class, they will share their final videos with their classmates.

## [From Ms. Luangrath](#)

***Math Joke: Did you hear about the mathematician who's afraid of negative numbers? He'll stop at nothing to avoid them!***

### **6<sup>th</sup> Grade Math**

The 6<sup>th</sup> graders have jumped into their second chapter of geometry after testing on geometry basics last week. Now, we will focus on geometric formulas for area and circumference of figures such as parallelograms, triangles, and circles. We'll even get to listen to the infamous "Circle Song" to help us remember!

### **6<sup>th</sup> Grade BizTown**

Our visit day is quickly approaching! Both businesses – Culver's and Koss – have spent time in their business teams working out what things will make them quality businesses, what their operating costs will be, and how to set prices. We will spend most of next week's math classes going over last minute things that need to get done: advertising, prepping checkbooks, etc. Excitement is rising!!

### **7<sup>th</sup> Grade Math**

The 7<sup>th</sup> graders are currently working through a chapter on real numbers and right triangles. We've already covered real and irrational numbers, square roots, and the Pythagorean Theorem. We'll end the chapter looking at special right triangles (45-45-90 and 30-60-90) and basic trigonometry functions using SOHCAHTOA. After we wrap this up next week, we'll get into a chapter on surface area and volume in which the

students will need to become the teacher! More info to come.

### **Intro to Algebra**

Tomorrow, the 8<sup>th</sup> graders put a wrap on their chapter on quadratics. We learned different methods for solving quadratics (factoring, using square roots, completing the square, graphing, and the quadratic formula), and there were definitely some crowd favorites within those methods. Next week, we will take a weeklong venture into our last concept of the year: probability and statistics. This will be a short look into prob and stats as we have to get started on our review presentation soon—the students will become the teacher and teach a concept to the class!

***Science Joke: What do clouds do when they become rich? They make it rain!***

### **6<sup>th</sup> Grade Science (Earth Science)**

The 6<sup>th</sup> graders have been spending the last couple days looking at earthquakes – where we find them, what causes them, what we can do to predict them, what preventative building measures we can take. Now they will be doing a project on earthquakes, which will count as a science grade, and a Speaking and Listening grade. Students will choose to do one of the following: create a children's book on earthquakes, make an informational brochure, create a survival/prevention guide, or research a major earthquake in history and create a brochure on it. We'll see what types of projects the students come up with!

### **7<sup>th</sup> Grade Science (Life Science)**

Earlier this week, the 7<sup>th</sup> graders wrapped up their chapter on mitosis and meiosis. Now, we will end the year getting into different body systems, starting with the digestive system. We

will explore the path that food takes from start to finish, and we'll make a digestive tract model to-scale!

### **8<sup>th</sup> Grade Science (Physical Science)**

The 8<sup>th</sup> graders are finishing up their chapters on potential and kinetic energy. Within these chapters, we discovered what each was, figured out how to compute each, and determined where each type of energy was on a roller coaster. There isn't much time left for the 8<sup>th</sup> graders, so we'll end the year getting into engineering a little bit, starting with building a wooden bridge. We'll see who can design a bridge to hold the most amount of sand!

### **From Mrs. Ricker**

#### **7<sup>th</sup> Grade Religion**

The seventh graders are learned about the seven Sacraments and the Beatitudes. They are working in groups and were assigned one of the Beatitudes and presented them in class on Thursday. The students are now making prayer cards for the teachers for teacher appreciation week. We are also continuing our Rosary (The Glorious Mysteries) Wednesdays during Religion class. Blessings!