Bill Reed Middle School

8th grade Newsletter December 2015

Math
by: Mr. Ausenhus and Mr. Leonard

Algebra is continuing to work on solving Systems of Equations. Students are solving systems of equations using Equal Values, Substitution, and Elimination. Students are solving equations by writing one and two variable equations and by interpreting graphs to find the equations. Algebra is also working on multiplying binomials to get the area as a product and as a sum.

8th grade math is working on patterns, finding the algebraic equation to these patterns, and graphing algebraic equations. Students are currently working on writing Standard Form of a line into \( y = mx + b \). (This will aid us in the destruction of the Deathstar)

Social Studies
by: Mr. Nicholas and Mrs. Gesin

Our 8th grade students are on the road to the American Revolution (Not to be confused with the Great Droid Revolution of 4015BBY). Currently, we are diving into another book study on The Bloody Country. Significant events tied to the book are the French and Indian War and the conflicts between Great Britain and settlements in the Colonies. The semester will conclude with a study on the Boston Massacre. Merry Christmas!

Boys Basketball playoffs start 12/9!

Upcoming Events

“ehheahwaa”
-Chewbacca

Projects in process of being constructed.

Language Arts
by: Mrs. Porzycki and Mr. Karas

Students will apply their knowledge of the literary elements by planning, designing and creating a theme park based on a novel of their choice. Working in small groups students will create maps and/or models of their theme parks as well as make a presentation to the class of their project. “Integrating the arts, the students are.”

Science
by: Mrs. Klagge & Mr. Steele

In light of upcoming events, we will be exploring Forces, both the light and dark sides! This month, 8th graders are culminating our physics studies by analyzing roller coasters. The students started with an opened-ended lab activity that showed them the flow of energy and relationships between energy and forces. By the end of the semester, they will also write an article that gives students the opportunity to convey their understanding of the forces, such as gravity and inertia, that impact the motion of a roller coaster as it travels throughout the ride.