



The Academic Week Ahead  
**March 2 – March 6, 2020**

**English Language Arts**

[Phil Girard](#)

The focus shifts to working on the research and development of the Energy Reduction Guide. This guide is broken into two sections: an Industry Standards section that highlights what experts have to say about energy efficiency in the home and a Recommendations portion where the student develops 4-5 measurable and achievable goals in your home to lower energy usage. Nothing is due this week.

**Literature**

[Claire Alexander](#)

For the next few weeks, we will be combining Lit with Speech class to work on presentations that will educate others about the issues the students have read about the past 3 weeks. Their chapters were about bees, issues in the oceans, and soil and composting. All of the information they need will be on Google Classroom. Presentations will be due next week and will be viewable during the Energy Expo on March 12.

**Social Studies**

[Kelly Francisco](#)

This is sure to be an exciting week in social studies! On Monday, students will be walking downtown to record oral history videos for the Power of One Project. They will be locating the site of the historic building they have been studying. The students will use their footage and photographs to create a Vlog and QR code to place on the model of the building they are creating in math class. Energy History Timeline on Google Classroom is due Friday, March 6th.

**Science**

[Kris Galoci](#)

Students will use the results from their experiments to make design decisions for the construction of a nesting box for African Penguins. They will construct and test a prototype of their design. The key concepts involve heat (thermal energy) transfer by radiation, convection and conduction, as well as reflection, insulators and conductors. Students will begin Algae cultures this week and will be looking at the viability of plastics and biofuels made from Algae. Students will continue to be graded on their participation in the labs and demos. At this point students should have turned in their House Heating Demo graphs and their Materials Testing graphs.

**World Language**

[Marina Call](#)

Thank you to the parents who allowed their children to bring in their precious matrioskas! The students loved seeing the Russian nesting dolls and hearing the stories. The students this week will learn Russian introductions. They have learned to spell their names in Russian and now will be able to ask somebody their name and introduce themselves. They are slowly learning the alphabet, focusing on mastering 4-6 letters a week. Ask them about the letters that are their "true friends" or their "false friends."

## Health

[Katie Tomczak](#)

We will be taking a deeper dive into nutrition discussing the building blocks of protein (amino acids), and how grains and dairy are processed. We'll be talking about the numerous minerals and vitamins in fruits and vegetables. We will also be playing a nutrition-themed game of Scattergories.

## Math

[Tejas Mehta & Emily Feaster](#)

**6<sup>th</sup> Grade:** Students will be finishing their net of their buildings this week. They will also begin a write up about the power used in their buildings in the 1800's and start to think about how they can make their building more energy efficient in the future. They will continue practicing unit rates and unit conversions.

**7<sup>th</sup> Grade:** Students will be finishing the net of their buildings this week in preparation for the Energy Expo on March 12th. They will be creating the map of Traverse City that all of the buildings will be placed on. They will continue working with ratios, proportions and scale factors in order to complete the project. New exercises will be assigned in Khan Academy on Sunday for additional practice. Please encourage students to complete them and continue to check Khan Academy regularly for supplemental exercises. (If you would like to do additional practice with your child, the Common Core Standards we are covering are CCSS.MATH.CONTENT.7.RP.A.2, including 2.A, 2.B, 2.C, and 2.D.)

**8<sup>th</sup> Grade:** Students will be finishing their net of their buildings this week. They will also begin a write up about the power used in their buildings in the 1800's and start to think about how they can make their building more energy efficient in the future. They will continue practicing scientific notation and exponent rules.

**Algebra:** Students will review the assessment on sections 7.1 - 7.3 and continue working through the second half of Chapter 7 of the Algebra curriculum, which covers properties of absolute value, square and square root functions and their graphs. Algebra students will also be spending a couple of days in class working on completing a scale model of a building and working on the Power of One project with other grade levels. Students have been given an updated pacing calendar for Algebra - please help ensure that they are keeping pace with the assignments they need to complete in order to be fully prepared for the Algebra test in May.