



## The Academic Week Ahead October 15-19, 2018

### **English Language Arts**

[Phil Girard](#)

We will begin writing argumentative essays this week in ELA. Students will be pulled out in small groups to discuss how to write effective introductions and conclusions. In addition, 8th grade students will get a tutorial in how to blend quoted sources into their own writing. The Argumentation Architecture, a rough outline for their essay, is due by the end of class on Wednesday.

### **Literature**

[Claire Alexander](#)

Students will continue reading their texts about the planetary bodies Mars, Mercury, the Moon, and Titan. They will individually read through the texts, look for information about their three components that are most important to a planetary body being habitable, and write that information in their Graphic Organizers. The plan is to have reading done at the end of the day Thursday. Debate, the topic we have been working with in Speech, will be brought into this reading starting next week.

As always, students should be reading for 30 minutes each night.

### **Social Studies**

[Kelly Francisco](#)

Last week students choose a technology currently being studied to use for future space exploration. The topics they chose from were space communications, growing food in space, mining for natural resources or water extraction. They will continue researching this information and use it to develop a plan for a future space economy. No new assignments due this week.

### **Science**

[Emily Feaster](#)

Last week, students explored black holes and their effect on gravity. They also began to think about how to colonize their planetary body. Next week, this will be the focus. They will be working on gathering information all week long and will put it into their Prezi presentation on Thursday. By the end of the day Thursday, students should have a solid start with at least two boxes finished. Their Prezi is due on Wednesday, October 24th. Their work is viewable online so take a look!

### **World Language**

[Marina Call](#)

Last week students were given a mystery country to study in South America. They will be learning about South American culture and the diverse languages and history of this continent. Please ask your child about their assigned country and help her/him find it on a map or globe. Visits to the local library are encouraged! Research time will also be given in class this week to write their country study.

### **Health**

[Trea Merchant](#)

Students will focus on ways to recognize what stressors are, how people can cope with stressors, and ways to prevent emotional stressors. We will begin with a self-reflection of our personal stressors so we can recognize what they are and how we are affected by them.

## Math

[Anne Bara](#) & [Kris Galoci](#)

**6<sup>th</sup> Grade:** Pay Load engineers continue to explore 2D nets and 3D objects. Students are specifically learning about the area of circles and cylinders with an introduction to the number pi.

**7<sup>th</sup> Grade:** Students are learning that pi is a ratio of the diameter to circumference and they will use it to calculate surface area and volume of circles, cylinders, and cones. If there is time, we will work on making scale drawings.

**8<sup>th</sup> Grade:** Students will begin designing their Mars habitat. They will work with surface and area and volume concepts to determine the particular shapes, sizes, and configurations of their habitats.

**Algebra:** Students will be introduced to a way of solving equations called the "undoing method." They will be reviewing Chapter 2 concepts this week in preparation for their first chapter test on Monday next week. This Wednesday and Friday we will begin with our zero hour classes, which start at 8:05 am and meet in the Social Studies lab.

**Geometry:** This week, geometry students will explore various points of concurrency of triangles, utilizing the work they have done with constructions (exact drawings using only compasses and rulers). They have their first zero hour this Monday beginning at 8:05 am and we will have our first test on Chapters 1 & 2 on Wednesday.