



7-2 TEAM NEWS

English Language Arts

In ELA, our 7-2 readers and writers have accomplished so much throughout the school year. We have lots of growth to celebrate as we begin the month of April. Each student will continue to work towards achieving his/her own independent reading goal.

Readers will continue to analyze literature and transfer their thinking into powerful writing. Specifically, we will consider an author's craft and the interaction of story elements. We will explore how these two ideas and the small details of a text can give readers an insider's appreciation for how a piece of writing makes meaning. Readers will also be on the lookout for comparisons in text and practice thinking them through carefully. We will notice when authors have used a curious or surprising word or phrase and ask, "Why did the author say this in this way?" Lastly, readers and writers will respond to how timeless themes can be tracked across different genres of text.

Math

Math 7 Students will be finishing their Geometry of 2D and 3D Measurements unit. They will use their prior knowledge of area to help solve real world mathematical problems involving Surface Area and Volume of prisms, cylinders and pyramids. Next, students will then begin our Statistics Unit. We will look and make various representations of data to compare and draw inferences.

Math 7 $\frac{1}{2}$ and Math 8 Students will be finishing our Pythagorean Theorem unit. They will use models to demonstrate a proof of the Pythagorean Theorem and its converse, determine unknown side lengths in right triangles in problems in two- and three- dimensional context, and find the distance between points in a cartesian coordinate system. Next we will be exploring different types of transformations: translations, rotations, reflections and dilations on two-dimensional figures.

Social Studies

During the month of April, we will finish our unit on Rome where we will learn reasons for its collapse and the rise of the Byzantine Empire. Our next unit will be the Middle Ages where we will look at the social and economic systems in Europe during this time (Feudalism). We will then examine life in Europe during the latter half of the Middle Ages, with an emphasis on the influence of Christianity, the Crusades, and the political and social changes that take place.

Science

The students will finish the astronomy unit by completing a dodecahedron project. The focus of the project will be the celestial objects within our solar system. The last unit - Sound and Light - will be introduced to the students during the month of April. The students will explore the characteristics of waves and the electromagnetic spectrum.

The month of April will also involve the Champion students revisiting the concepts of experimental design. The students will be conducting a few experiments while familiarizing themselves with the concepts of experimental design.