



Fifth Grade Eagle News

March 2020

Ms. Krall, Ms. Thompson, Mrs. Vactor,
Mrs. Baker, and Mrs. Jones

ELA Standards

In ELA, Students will be completing unit 6 of the Benchmark curriculum entitled "Up Against the Wild" Students are reading literature texts in order to gain understanding of reading concepts. The writing task for this unit involves a narrative essay in which students have to place themselves in the shoes of a character and write three journal entries. Please continue reading at home every night for 20 minutes.

STEM

In STEM students will make a claim supported by evidence to explain that the sun is a star that appears larger and brighter than other stars because it is closer to Earth. We will also be researching constellations.

Science Standard:

5-ESS1-1. Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.

Social Studies

In March, students will continue to compare human characteristics of different places and regions of Maryland the United States, including human-made features, language, religions, political systems, economic activity, and population distribution.

SS Standard:

3.4.B.1. Describe similarities and differences of regions by using geographic characteristics.

ESOL - emerging multilingual students

Vocabulary all 5th graders will be learning - efficient, prosperity, observation, suspected, era, innovative, yielded.

5th graders will take a science assessment in April called MISA. The dates have been pushed back to the beginning of April.

MISA Website:

<http://marylandpublicschools.org/about/Pages/DAAIT/Assessment/MISA/index.aspx>

**MISA
(MARYLAND INTEGRATED
SCIENCE ASSESSMENT)**

Dates to Remember

- Mon, March 2 **Month of the Military Caregiver**
- Tue, March 3 **Family Life and Human Sexuality Curriculum Content Meeting and PTA Meeting**



Fifth Grade Eagle News

March 2020

Ms. Krall, Ms. Thompson, Mrs. Vactor,
Mrs. Baker, and Mrs. Jones

Math Standards

In math, fifth graders will finish up their unit on multiplying a fraction by a fraction. Then students will begin dividing unit fractions and thinking of fractions as division.

5/6 Math with Mrs. Vactor

Students will be able to draw polygons in the coordinate plane given coordinates for the vertices.

Math Standards:

CCSS.MATH.CONTENT.6.G.3

Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.

CCSS.MATH.CONTENT.6.NS.C.6

Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

CCSS.MATH.CONTENT.6.NS.C.6.A

Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.

CCSS.MATH.CONTENT.6.NS.C.6.B

Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections across one or both axes.

CCSS.MATH.CONTENT.6.NS.C.6.C

Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

Huddle - Caring Classroom

Focus

Huddle focus is centered around respectful behaviors in school. Students are asked to generate thoughts and ideas around behavioral expectations:)

Volunteering

MCPS is requiring that all volunteers view an online training on preventing, recognizing, and reporting child abuse and neglect prior to volunteering in any MCPS school.

Volunteers will not be able to assist in the classroom until the training is viewed.

Confirmation of your completion of this course will be sent via email. Prior to volunteering, please bring the completion certificate to the Main Office. If you have any questions please contact Rebecca Willis at 301-649-8051.

<http://www.montgomeryschoolsmd.org/chil dabuseandneglect/>



Fifth Grade Eagle News

March 2020

Ms. Krall, Ms. Thompson, Mrs. Vactor,
Mrs. Baker, and Mrs. Jones

Multiplying a Unit Fraction by a Non-Unit Fraction

Equation $\frac{1}{3} \times \frac{4}{5} =$
 $\frac{4}{5} \times \frac{1}{3} =$

Rectangular Fraction Model

Product $\frac{4}{15}$ ← Shaded twice
 Total parts → 15

Multiplying Non-unit Fractions

Equation $\frac{4}{5} \times \frac{3}{4} = \frac{3}{4} \times \frac{4}{5}$

Rectangular Fraction Model

Product $\frac{12}{20}$ ← Shaded twice
 Total Parts → 20

Multiplying Unit Fractions

Equation $\frac{1}{4}$ of $\frac{1}{3}$ $\frac{1}{4} \times \frac{1}{3} =$

Step 1 Draw a model of the fraction.

Step 2 Draw the second fraction on the model.

Product $\frac{1}{12}$ ← Shaded twice
 Total parts → 12

Math Anchor Charts

Students have been using the following anchor charts to help them understand the concepts around multiplying fractions. Ask your child to explain the charts to you, this will help them solidify their thinking and learning around multiplying fractions. Students may also use these charts to help them when they are working on their math homework.