



HANOVER MIDDLE SCHOOL NEWSLETTER

5TH
GRADE

FEBRUARY 2022

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Upcoming Events:

- *Wednesday, February 1*
Nighthawk Day-Wear Orange and Black!
- *Wednesday, February 1*
2-Hour Delay for Students
- *Tuesday, February 7*
HMS Spring Pictures
- *Wednesday, February 8*
Virtual PTO Meeting-6:30PM
- *Friday, February 17*
No School
- *Monday, February 20*
No School
- *Monday, February 21*
Mid-Point 3rd Marking Period
- *Friday, February 24*
Drop Everything and Read- Bring a book to read!



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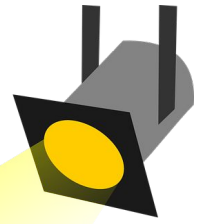
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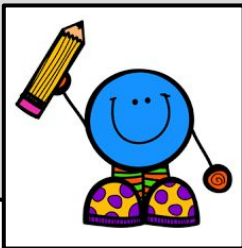
5th Grade

SUBJECT SPOTLIGHT:



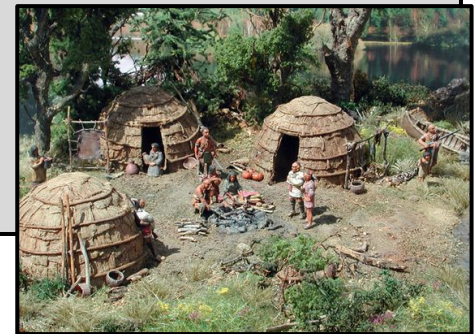
Mathematics:

Students will be working in Units 9 and 10 of Reveal. In unit 9 students will begin working with fractions by first estimating sums and differences then moving into solving with unlike denominators. Students will also be able to add and subtract mixed numbers by the end of the unit. They will continue working with fractions in unit 10, now solving multiplication problems including multiplying whole numbers by fractions, fractions by fractions, and multiplying mixed numbers.



Social Studies:

Throughout the month of February we will continue to study the Columbian Exchange and Early Settlement. We will learn about the significance of Columbus' voyages, the Spanish conquest on the Aztec empire, and the defeat of the Spanish Armada.



English Language Arts:

In February, reading genre study will include **Realistic Fiction, Fantasy, and Expository text**. We will be working on the following comprehension skills: **Theme, Summarizing, Main Idea, and Context Clues**. Finally, our grammar lessons will include: **Action Verbs, Verb Tenses, and Helping Verbs**.

Science:

In science this month, we will continue to investigate **ecosystems** and how they work. We will look at **biotic** and **abiotic factors** in an ecosystem and how **energy** is passed through the ecosystem. We will also study **traits** and how they help an animal and how plants help animals. We will then further our study of changes in an ecosystem and nutrients that are cycled through.



STEAM:

We will be learning about the **Design Process** and what it "looks like" to be an engineer. The students will be exploring engineering skills, the iterative process, and creative problem solving, before we move on to engineering challenges. **Coding skills** will be incorporated in class every day, in addition to the Design Process.

