



# HANOVER MIDDLE SCHOOL NEWSLETTER

**5<sup>TH</sup>  
GRADE**

**DECEMBER 2024**

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## Upcoming Events:

- *Tuesday, December 3*  
Nighthawk Day-Wear Orange and Black!
- *Friday, December 6*  
Rita's at lunch - cost is \$3
- *Friday, December 13*  
Clubs
- *Monday, Dec. 23 through Wednesday, Jan. 1*  
District Closed Happy Holidays!



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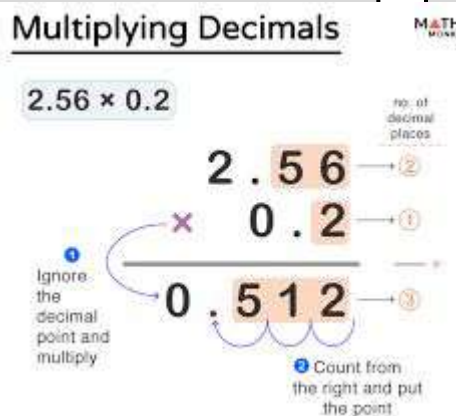
# 5<sup>th</sup> Grade

## SUBJECT SPOTLIGHT:



### Mathematics:

In Unit 6 students will apply their knowledge of multiplication from Unit 5 to multiplying decimal numbers. Students will begin the unit with multiplying decimals by powers of 10, then move on to multiplying decimals by decimals by using estimation, the area model, and the algorithm. In Unit 7, students will be estimating quotients, as well as applying strategies such as partial quotients and long division to divide multi-digit whole numbers.



### English Language Arts:

We will be continuing our exploration in poetry focusing on poetic structure and figurative language. After poetry we will be moving onto Unit 3. We will be looking at what different cultures can teach us along with the benefits of people working together. We will be reading realistic fiction and expository text. Within those genres we will be focused on plot, theme, summarizing, text structure, and making inferences. We will also be focused on Latin roots, context clues, and verbs.



### Science:

In January, our classes will be learning Physical Science. This means we will be continuing to explore Matter and all of its properties and changes. We will also explore the mysteries around Energy and Forces like electricity, light, and sound and investigate how they are used and how they flow through nature.



### STEAM:



Students in 5th Grade STEAM

will begin by learning about the Engineering Design Process. Students will work together to complete a challenge. The focus will be on teamwork, brainstorming new ideas, and finding ways to improve their design. Students will use their knowledge of the design process to help fictional citizens in the City X Project. Students will invent a product to solve a citizen's problem. We'll finish the month learning new coding skills and exploring other STEAM topics.