

# P.S. 203 FIFTH GRADE NEWSLETTER



## WHAT WE'RE LEARNING THIS MONTH:

<p><b><u>Important Dates</u></b></p> <p>Oct 6th: Spelling Bee Oct 9th: Columbus/ Italian Heritage/ Indigenous Peoples' Day, <b>No School</b> Oct 20th: Student Organization Elections Oct 31st: Halloween</p>	<p><b><u>Reminders</u></b></p> <ul style="list-style-type: none"><li>★ All students should have access to their school email, Google Classroom, TeachHub, and iReady accounts.</li><li>★ Students should be reading for at least 30 minutes everyday for homework.</li><li>★ Practice your 0-12 multiplication facts.</li></ul>
<p><b><u>Into Reading*</u></b></p> <p><b>Continue Module 1: Inventors at Work</b> Students will learn about inventors, with a focus on the informational text genre. We will read texts about how people can create amazing things through innovation, perseverance, and the desire to solve problems.</p> <p><b>Module 2: What a Story</b> Students will build their knowledge about subgenres of fiction, with a focus on different ways to tell a great story.</p> <p>* see attached family letters for more information</p>	<p><b><u>Into Writing</u></b></p> <p><b>Continue Module 1: Inventors at Work</b> We will write an expository (informational) essay about the circumstances that pushed an inventor to create a new invention.</p> <p><b>Module 2: Narrative Writing</b> Students will choose a narrative subgenre (fantasy, historical fiction, mystery, etc.) to write a story about a character that is on a journey to discover something.</p>
<p><b><u>enVision Mathematics 2.0*</u></b></p> <p><b>Topic 2: Add &amp; Subtract Decimals to Hundredths</b></p> <ul style="list-style-type: none"><li>• Use properties of addition and strategies to solve problems mentally</li><li>• Estimate sums and differences</li><li>• Use models to add and subtract decimals</li><li>• Add and subtract using the standard algorithm</li></ul> <p><b>Topic 3: Multiply Multi-Digit Whole Numbers</b></p> <ul style="list-style-type: none"><li>• Use place value patterns to multiply powers of 10</li><li>• Estimate products</li><li>• Multiply 3-digit by 2-digit numbers</li><li>• Use models and equations to solve problems</li></ul> <p>* see attached family letters for home activities</p>	<p><b><u>Passport to Social Studies/ Civics</u></b></p> <p><b>UNIT 1A: Geography of the Western Hemisphere</b></p> <ul style="list-style-type: none"><li>• What is the geologic history of the Western Hemisphere?</li><li>• How is the geography of the Western Hemisphere unique?</li></ul> <p><b><u>Amplify Science</u></b> <i>(with classroom teacher)</i></p> <p><b>Patterns of Earth and Sky</b></p> <ul style="list-style-type: none"><li>• What causes the daily pattern of when we see the sun and other stars?</li><li>• What causes the yearly pattern of stars that we see?</li></ul>

*Your 5th Grade Teachers,*

*Ms. Agnello, Mrs. A. Farrell, Mrs. K. Farrell, Mr. Mulryan, Ms. Popovits and Ms. Stavropoulos*

## HELLO, FAMILY!

Over the next three weeks, our class will build their knowledge about inventors, with a focus on the informational text genre. We will read texts and view videos about how people can create amazing things through innovation, perseverance, and the desire to solve problems. Children will also write an expository essay about the circumstances that pushed the inventors in this module to create new inventions.

## BRING IT HOME! Learning fun for the whole family!

### Discuss the Topic

Set aside time daily for your child to share with you what he or she is learning. Use these ideas to help build your child's knowledge about the topic:

- Talk about the ideas your child has added to the Knowledge Map each week.
- Ask about the texts your child is reading and what he or she has learned from them.
- Share with your child your own questions about the topic, and work together to find the answers.

### Explore the Genre

The genre focus in this module is informational text. Discuss with your child the characteristics of this genre.

Ask your child to read to you each day and make time to read together.

Look for texts that

- spark your child's curiosity
- tie to the module topic
- show a particular point of view
- have a clear text structure

### Build Vocabulary

Use these ideas to help your child build a rich vocabulary.

**The Big Idea** Reinforce the topic words *excel*, *illustrious*, *revere*, and *transcend* in everyday conversations with your child. Use prompts like these: What do you **excel** at? Is there a person you **revere**? Who?

**What Does It Mean?** Have your child keep a growing list of the Critical Vocabulary words. Quiz each other on their meanings.

**Word Hunt** Look for words with roots *phon*, *photo*, *vis*, *aud*, *auto*, *bio* and prefixes *ex-*, *e-*, *ir-*, *il-* in books, magazines, online texts, and environmental print.

## HELLO, FAMILY!

Over the next three weeks, our class will build their knowledge about subgenres of fiction, with a focus on different ways to tell a great story. We will read texts and view videos about how writers share compelling stories in literature of many types. Children will also write an expository essay telling how each genre affects the way a story is told.

### BRING IT HOME! Learning fun for the whole family!

#### Discuss the Topic

Set aside time daily for your child to share with you what he or she is learning. Use these ideas to help build your child's knowledge about the topic:

- Talk about the ideas your child has added to the Knowledge Map each week.
- Ask about the texts your child is reading and what he or she has learned from them.
- Share with your child your own questions about the topic, and work together to find the answers.

#### Explore the Genre

The genre focus in this module is fiction. Discuss with your child the characteristics of this genre.

Ask your child to read to you each day and make time to read together.

Look for texts that

- spark your child's sense of curiosity and wonder
- tie to the module topic
- tell a compelling story, perhaps in an unfamiliar way
- allow your child to explore his or her interests—or discover new ones

#### Build Vocabulary

Use these ideas to help your child build a rich vocabulary.

**The Big Idea** Reinforce the topic words *prose*, *dialogue*, *climax*, and *foreword* in conversation. Use prompts like these: What was the **climax** of your weekend? Describe what **dialogue** looks like in print.

**What Does It Mean?** Have your child keep a growing list of the Critical Vocabulary words. Quiz each other on their meanings.

**Word Hunt** Look for words with the prefixes *re-* and *fore-* and the suffixes *-ful* and *-ness* in books, magazines, online texts, and environmental print.

Name \_\_\_\_\_

# Add and Subtract Decimals to Hundredths

Dear Family,

In this topic, your student will develop proficiency with adding and subtracting decimals. These skills will enable your student to solve mathematical and real-world problems efficiently. These skills will also help your student estimate sums and differences in order to determine the reasonableness of solutions.

Complete the following activity together to help your student practice estimating and calculating sums and differences of decimals to hundredths.

## Rolling Decimals

**Materials:** 1 number cube (labeled 1–6)

**Step 1** Roll a number cube five times. Use the digits rolled to write two decimal numbers, such as 2.3 and 42.5.

**Step 2** Write an addition sentence and a subtraction sentence using the two decimal numbers. For example,  $2.3 + 42.5$  and  $42.5 - 2.3$ . Subtract the lesser decimal from the greater decimal.

**Step 3** Estimate the answer to each problem. For example, you might round 42.5 to 43 and 2.3 to 2, and then perform the operations. Use a calculator or paper and pencil to find the actual answer for each problem. Compare the actual answers with your estimates.

**Step 4** Take turns creating numbers and estimating the sum and difference of the numbers. Then, play this game together: Choose an estimation goal, such as 100 or 25.5. Write an addition sentence or a subtraction sentence with two decimal numbers that will result in a number as close to the estimate as possible.

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## Observe Your Child

For each estimated sum and difference, ask your child to compare the estimate to the actual answer and explain why the estimate makes sense.

Name \_\_\_\_\_

# Fluently Multiply Multi-Digit Whole Numbers

Dear Family,

Your student is learning to fluently multiply multi-digit whole numbers using the standard algorithm. He or she will learn to explain patterns in the number of zeroes of the product when multiplying a number by powers of 10. Your student will also apply his or her understanding of place value to estimate products.

This topic also uses money as a real-world context to connect mathematics to problems arising in everyday life.

Here are two activities you can complete with your student to help him or her review multiplication and learn about estimating products.

## Reviewing Basic Facts

**Step 1** Review basic multiplication facts.

**Step 2** Display 
$$\begin{array}{r} 142 \\ \times 63 \\ \hline \end{array}$$

Have your student explain how to multiply a three-digit number by a two-digit number.

## About How Much?

**Materials:** 1 number cube (labeled 1-6)

**Step 1** Have your student create one 3-digit number and one 2-digit number by rolling the number cube five times.

**Step 2** Have your student write a multiplication problem using the numbers from Step 1.

**Step 3** Have your student estimate the product using rounding or compatible numbers. For example,  $136 \times 32$  is close to  $140 \times 30$ , and  $140 \times 30 = 4,200$ . Take turns creating new problems by using the number cube to create more 2- and 3-digit numbers.

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## Observe Your Child

Have your student explain how they know each estimate is reasonable.