

# 2nd Grade News

November 2018



Our students exhibiting two of the attributes of the learner profile, Inquirer and Thinker.



In the Science Lab, Mr. John taught the students the steps of the Scientific Method.

1. Ask a question
2. Research your topic
3. State your hypothesis
4. Test your hypothesis
5. Analyze your data
6. Report your results

Then, the students applied what they had learned with an experiment about erosion and weathering effects.



## IMPORTANT DATES

11/6 TEACHER WORKDAY  
11/9 MOTHER/SON DATE NIGHT  
11/12 BOOK FAIR PREVIEW  
11/15 FEAST  
11/19-11/23 THANKSGIVING BREAK  
11/27 COLLEGE PRIDE DAY

## School to Home Connection

By the end of 2<sup>nd</sup> grade, students are expected to fluently add and subtract numbers within 20. This standard mentions the word *fluently* when students are adding and subtracting numbers within 20. Fluency means accuracy (correct answer), efficiency (within 4-5 seconds), and flexibility (using strategies such as making 10, breaking apart numbers, using knowledge of fact families and mental math strategies). In the classroom, we support students' memorization of sums and differences through varied experiences. At home, you can support your child by working with them on the strategies listed above as well as using flashcards or apps like Sushi Math, Reflex Math or Math Academy. For examples of the fluency strategies, follow this link to page 4-5:

<https://www.georgiastandards.org/Georgia-Standards/Frameworks/Unit-2-2nd-grade-parent-letter.pdf> .

# Standards for November

## Inquiry into Math-2.1 Group

- Fluently add and subtract within 20 using mental strategies.
- Fluently add and subtract within 100 using various strategies.
- Use addition and subtraction within 100 to solve one and two step word problems.

## Inquiry into Math-2.2 Group

- Partition a rectangle into rows and columns of same-size squares to find the total number of them.
- Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths.

## Inquiry into Math-3.1 Group

- Use multiplication and division within 100 to solve word problems.
- Determine the unknown whole number in a multiplication or division equation relating three whole numbers.
- Understand properties of multiplication and the relationship between multiplication and division.
- Apply properties of operations as strategies to multiply and divide. Multiply one-digit whole numbers by multiples of 10 in the range 10-90. Interpret products of whole numbers. Interpret whole-number quotients of whole numbers.

## Inquiry into Reading

- Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a non-fiction text.
- Identify the main topic of a multi-paragraph text as well as the focus of specific paragraphs within the text.
- Know and use various text features (e.g., captions, bold print, subheadings, glossaries, table of contents, photos, diagrams) to locate key facts or information in a text efficiently.
- Describe how reasons support specific points the author makes in a text.

### Studying Characters Before, During, and After Reading

- Preview and Make Predictions
- Stop and Jot
- Think About Characters' Motivations, Reactions, and Responses to Problems/Events
- Problem and Solution
- How Characters Change

## Inquiry into Writing

- Determine the meaning of the new word formed when a known prefix is added to a known word (e.g., *happy/unhappy*, *tell/retell*). Use a known root word as a clue to the meaning of an unknown word with the same root (e.g., *addition*, *additional*).
- Write informative/explanatory texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section.
- Participate in shared research and writing project. With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing
- Writing gripping fictional stories with meaning and significance.
- Writing will include details to describe actions, thoughts, and feelings.

## Inquiry into Science

Recognize the effects in a specific area caused by the action of weather, plants, and/or people  
Lifecycles of plants and animals

## Inquiry into Social Studies

- Locate all the geographic regions of Georgia: Blue Ridge Mountains, Piedmont, Coastal Plain, Valley and Ridge, and Appalachian Plateau.

## PYP Unit of Inquiry-Where We Are in Place and Time

The central idea is: Living things and nature cause change.

The key concepts are change, form, connection and some related concepts that we will discuss are environment, geographical changes and transformation.

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