



4th GRADE CURRICULAR OVERVIEW SPRING 2022-23 TEACHER - Jamie Leidner

Social Emotional

This spring, the Fourth graders have focused on the following topics during our curricular exploration, inquiry, and studies:

Social Emotional

We have continued our social emotional work as a class by reflecting on our class agreements regularly to try and create a safe and caring community. We continued to explore topics such as empathy, self-awareness, self-regulation, conflict resolution, and responsible decision making. We support students in learning how to communicate effectively, work collaboratively, and manage emotions in different social situations. We continue to utilize morning meetings, and other times as needed, to support this important work.

Reading Workshop

Reading

Exploring Historical Fiction

This unit of study worked to continue to build on the foundational skills of reading historical fiction that fourth graders acquired in previous grades. As a class, we studied historical fiction read-alouds, and then fourth graders were asked to carry these skills over to interpreting their book club books.

Skills and concepts addressed:

- Locating and referring to relevant details and evidence when explaining what a text says, and making logical inferences
- Explain events, ideas, or concepts, including what happened and why, based on specific evidence from the text
- Identify information presented visually and/or orally, and explain how the information contributes to an understanding of the text
- Recognize genres and make connections to other texts, ideas, cultural perspectives, eras, personal events, and situations

Writing Workshop

Writing

Exploring Opinion Writing

In this unit, students studied opinion writing. Students learned to organize their ideas, and practiced introducing a claim, supporting it with reasons, evidence, and facts, and wrapping it up with a concluding statement. Students also continued to work on their paragraph structure, including indentation, topic sentences, supporting sentences, punctuation, and capitalization.

Skills and concepts addressed:

- Introduce a precise claim, supported by well-organized facts and details, and organize the reasons and evidence logically
- Provide a concluding statement or section related to the argument presented
- Use precise language and content-specific vocabulary
- Create a poem, story, play, artwork, or other response to a text, author, theme, or personal experience

Word Study

Throughout the year, spelling practice happens throughout our day, but in an isolated and focused way during Word Study. Students are placed in groups based on their stage of spelling development. Each group practices a particular spelling pattern and/or phonics concept based on their development. Our word study work also involves an app called Lexia Core 5, which students access on their Chromebooks. This app uses fun games to practice phonics, spelling, and vocabulary. This app tracks student progress and self adjusts to the individual students' learning.

Math

Extending Operations to Fractions, From Hundredths to Hundred-Thousands, Measurement, Multiplying Multi Digit Numbers

This semester, we wrapped up our study of fractions by learning addition and subtraction of fractions, whole numbers, and mixed numbers. Students then studied place value up to the hundred thousandth place, including addition, subtraction, and being able to name the numbers. Students learned about measurements and conversions. We finished up the fourth grade year by learning multi digit multiplication.

Skills and concepts addressed:

- Represent and solve problems involving multiplication of a fraction by a whole number.
- Use various strategies to add and subtract fractions and mixed numbers with like denominators.
- Represent and solve problems that involve the addition and subtraction of fractions and mixed numbers.
- Create and analyze line plots that display measurement data in fractions of a unit
- Students read, write, and compare numbers in decimal notation. They also extend place value understanding for multi-digit whole numbers and add and subtract within 1,000,000.
- Represent, compare, and order decimals to the hundredths by reasoning about their size.
- Write tenths and hundredths in decimal notation.
- Represent and solve problems involving multiplication of a fraction by a whole number.
- Read, represent, and describe the relative magnitude of multi-digit whole numbers to 1 million.
- Recognize that in a multi-digit whole number, the value of a digit in one place.
- Compare, order, and round multi-digit whole numbers within 1,000,000.
- Add and subtract multi-digit whole numbers using the standard algorithm.
- Convert larger units to smaller units within a given system of measurement.
- Understand the relative sizes of kilometers, meters, and centimeters; liters and milliliters; kilograms and grams; and pounds and ounces.
- Students multiply multi-digit whole numbers using partial product strategies
- Multiply a whole number of up to three digits by a one-digit whole number and 2 two-digit numbers using strategies based on place value and the properties of operations.

Social Studies/Science/Inquiry

Social Studies/ Science

We continually work to integrate skills from the Reading and Writing Workshop into our Social Studies and Science blocks, such as: practicing paragraph writing, reading and interpreting non-fiction texts, and considering character development and the sequence of events in relevant read-alouds.

To honor AAPI (Asian American Pacific Islander) Month, fourth graders studied the continent of Asia. Celebrating history months is a great opportunity for students to develop their social-emotional learning skills by learning about different cultures and their wide range of experiences and perspectives. We worked on mapping skills, and students chose a country to independently research. Fourth graders also learned about the founding of the United States of America and the Bill of Rights. We finished up the year studying the Stonewall Rebellion and the LGBTQIA+ community.

Skills and concepts addressed:

- Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes
- Use location terms and geographic representations (maps and models) to describe where places are in relation to each other
- Demonstrate respect for the rights of others in discussions and classroom debates, regardless of whether one agrees with the other viewpoints.
- Conducting short research projects that build knowledge through the investigation of different aspects of a topic

In science, fourth graders learned the scientific method. Using this method, we conducted different experiments in our soil study. Students learned about the different sizes of soil. Fourth graders also learned about the biology of soil. Using one of our experiments, we learned the parts of a microscope and how to use them as we searched for soil organisms.