

2ND GRADE NEWS

FEBRUARY 2019

Exploring constellations in the science lab!



The students continued their exploration of stars and constellations in the science lab with Mr. John in support of the current IB Unit, Unit 4: How We Express Ourselves.

IMPORTANT DATES

- 2/6-8—Book Drive
- 2/7—Spirit Night at Chick-fil-a
- 2/8—Father/Daughter Date Night
- 2/14—Read to Succeed Book Log due
- 2/15—No School
- 2/18—President's Day No School
- 2/19—RFF Day No School for Students
- 2/26—College Pride Day
- 2/28—Math Night
- 3/1—Team Spirit Day

SCHOOL TO HOME CONNECTION

The IB learner profile for the month of February is CARING and the attitude is EMPATHY. Use this terminology in your daily language at home to help students make connections between their daily lives and the PYP vocabulary. Please help them understand ways that they can be caring and show empathy at home, school, and in the community.



We are excited to announce that HFE will be celebrating Black History during the month of February. It is an opportunity to honor the legacy of influential African Americans who shaped the course of history and made our country great. It also enables teachers and staff to enhance student knowledge regarding the many triumphs and struggles of African Americans throughout U.S. history. Students will learn about respect, equality and unity. Students will be inquiring about various people and displaying the research in the school lobby. Heards Ferry Live will feature important facts about famous African Americans on the daily news. The Media Center will have a special display of literature. Chef Reggie will be sure to have special soul food included in the lunch menu at various times throughout the month. Several Staff members will wear traditional African apparel to expose students to the culture. We invite students to join in! We are proud to announce that the Uruhu Dancers will perform for students on Feb. 20th. They are an Atlanta based organization with a goal to develop and educate the community through African culture, dance, music and song. We look forward to this wonderful experience.

STANDARDS FOR FEBRUARY

2.2 Math Group Inquiry

- ✓ Add up to four two-digit numbers using strategies based on place value and properties of operations.
- ✓ Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method.
- ✓ Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.
- ✓ Explain why addition and subtraction strategies work, using place value and the properties of operations.
- ✓ Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?
- ✓ Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

3.1 Math Group Inquiry

- ✓ Interpret whole-number quotients of whole numbers.
- ✓ Use multiplication & division within 100 to solve word problems in situations involving equal groups, arrays, & measurement quantities.
- ✓ Understand division as an unknown-factor problem.
- ✓ Determine the unknown whole number in a multiplication nor division equation relating three whole numbers.

3.2 Math Group Inquiry

- ✓ Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
- ✓ Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole.
- ✓ Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step "how many more" and "how many less" problems using information presented in scaled bar graphs.
- ✓ Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units— whole numbers, halves, or quarters.

Reading Inquiry

- Recount stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral.
- Compare & contrast two or more versions of the same story.
- Describe how words and phrases supply rhythm and meaning in a story, poem, or song.
- Make connections between events, ideas, and concepts in a text.
- Nonfiction text features—diagrams

Language Arts Inquiry

- Distinguish shades of meaning among closely related verbs
- Determine or clarify the meaning of unknown & multiple meaning words and phrases.
- Use glossaries and beginning dictionaries, both print & digital, to determine or clarify the meaning of words & phrases.

Writing Inquiry

- With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing.
- Recall information from experiences or gather information from provided sources to answer a question.
- Participate in shared research & writing projects

Science Inquiry

- ❖ Students will understand that stars have different sizes, brightness, and patterns
- ❖ Investigate the position of the sun in relation to a fixed object on earth a various times of the day.
- ❖ Determine how shadows change throughout the day by making a shadow stick or using a sundial
- ❖ Relate the length of the day & night to the change in seasons.
- ❖ Observe the changes in the moon (moon phases) for a period of time.

IB UNITS OF INQUIRY

- Unit 4: How We Express Ourselves. The central idea is, "Cultures may rely on patterns within the natural world to help express themselves." The key concepts are function, form, and change and some related concepts that we will discuss are patterns, culture, and communication.

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