

Troy Elementary

Mrs. Sandquist's & Mrs. Sullins' Third and Fourth Grade News

March 1, 2024

What's Happening in March

If you haven't signed up for a conference, please do so right away.

Sandquist- <https://calendar.google.com/calendar/u/0/selfsched?sstoken=UUxRTktuUkIYbk9pfGRIZmFIbHR8Nzg0NDBINGFjZGIwYjMzM2ZjZTCxZWU4ZmY4M2E3NGE>

Sullins- <https://calendar.google.com/calendar/u/0/selfsched?sstoken=UUFacSIRSjdNOTVXfGRIZmFIbHR8NDQwM2M0Yzg4MDk5MjU3NmYxZDBhNDMyYzFiNzQ4MWE>

Third and fourth grade will have a **Book-A-Bunga** on **March 7th**, in honor of **Dr. Seuss day!**

Students will be watching a play called **"The Legend of Finn McCoy"** on **Friday, March 22**, from **9:00-10:00**, in the multi-purpose room.

Special points of interest:

- *Evening conferences March 5th & March 6th.*
- Early release Thurs. March 7th.
- No school Fri. March 8th.
- *Spring Break April 1st-April 7th.*

Be on the lookout:

- Spelling words come home every other Monday. Spelling tests are every other Friday.
- **3rd spelling list:** 3/4-daisy vase plastic zipper reuse sense does license closet season bicycle distance service classes yesterday fashion photograph enough sincerely citizen **3/18-daisy vase plastic zipper reuse sense does license closet season bicycle distance service classes yesterday fashion photograph enough sincerely citizen**
- **4th Spelling list:** 3/4-puppies railways kidneys hobbies journeys memories keys varieties valleys skies families countries trays flies surveys supplies delays parties essays candies always mountain slouch responsibilities opportunities **3/18-puppies railways kidneys hobbies journeys memories keys varieties valleys skies families countries trays flies surveys supplies delays parties essays candies always mountain slouch responsibilities opportunities**
- **3rd and 4th graders need to practice their multiplication facts at home.**

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Writing

- ⇒ **3rd:** Students will be doing some informational writing in preparation for the ISAT tests. They will continue with their cursive writing also.
- ⇒ **4th:** Students will be learning about the Oregon Trail journey in Social Studies. They will also be doing some writing activities that go along with the novel they are reading in ELA.

Reading

- ⇒ **3rd:** Students will be differentiating their point of view from the narrator or character. They will be working on figuring out the author's purpose for writing the story. They will also be taking the third Benchmark test, in preparation for the ISAT's next month.
- ⇒ **4th:** Students will be reading a novel called "Holes" and doing writing activities that go along with the novel. They will also be taking the third Benchmark test, in preparation for the ISAT's next month.

Social Studies

- ⇒ **3rd:** Students will do some research about a state of their choice, then get to present their information to the class.
- ⇒ **4th:** Students will be learning about exploring the New Land to the West, fur traders and what a rendezvous is.

Science

- ⇒ **3rd:** Students are finishing their animal reports and will be on display during conferences. In the next unit, students will be studying environments and what environmental traits are.
- ⇒ **4th:** Students will be studying ecosystems and the movement of matter and energy within the ecosystem. 4th graders will create a diorama that will focus on the movement of matter among plants, animals, decomposers, and the environment. **Please send a shoe box for this project within the next two weeks.** Thank you.

MATH

4th: This month 4th graders are focusing on geometry. Students must be able to:

* **identify and create a number or shape pattern that follows a given rule.** We have been working with recursive and elicit patterns. A recursive pattern is when there is a defined starting term and a repeating action, ex: start at 5 and add 3. 5, 8, 11, 14, 17,... An elicit pattern is a pattern rule that uses the term number to determine a number in the pattern, ex: term numbers 1, 2, 3, 4 Output numbers 3, 6, 9, 12 respectively. The elicit pattern is n (term number) \times 3.

* **describe two dimensional figures using different characteristics such as: parallel or perpendicular lines or by angle measurement.** Students will classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size : isosceles, scalene, or obtuse. They will also need to recognize right triangles as a category, and identify right triangles.

* **explain the concepts of angle measurement.** Students will recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement: a. An angle is measured with reference to a circle with its center at the common endpoint of the rays, by considering the fraction of the circular arc between the points where the two rays intersect the circle. An angle that turns through $1/360$ of a circle is called a “one-degree angle,” and can be used to measure angles. b. An angle that turns through n one-degree angles is said to have an angle measure of n degrees.

* **use an algorithm (formula) to find the area and perimeter of a rectangle and justify their answer.** Students must understand how an algorithm is developed by looking at certain characteristics or manipulations of a shape. Students will use GeogebraTube.com to manipulate shapes prior to using formulas. This will give explicit understanding of the “why” behind the “how.”

3rd: This month 3rd graders will begin memorizing multiplication and division facts, working with elapsed time, telling time ‘til and after the hour to the minute and rounding to the nearest 100. Students must be able to:

* **fluently multiply & divide facts up to 12.** A reasonable goal is to have facts memorized by the end of the academic year. There are many online resources available and good old fashion flash cards to practice at-home. Classroom activities will build and anchor your child’s understanding and number sense of these inverse operations.

* **tell how much time has passed in real life situations using a clock to the minute.** This would include face and digital clocks. Students will also solve word problems involving addition & subtraction of time intervals in minutes.

* **use place value to round a number to the nearest hundred.** Students will understand that rounding is a form of estimation.