

### Art-Ms. Mattison

Students explore a wide range of art techniques and materials. Skills, concepts and vocabulary are introduced, leading towards creative confidence, visual literacy, multicultural appreciation and a life-long relationship to the world of art.

#### In second grade we:

- \* Explore art media and techniques in drawing, painting, sculpture, printmaking, and collage
- \* Identify visual elements in works of art
- \* Explore historical and cultural differences in visual art

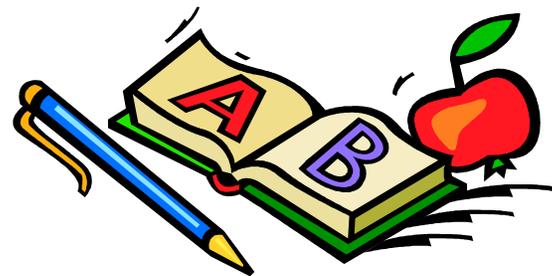


**Music and Movement– Ms. Arpiainen** Students experience a diversity of musical styles, genres, cultures, and traditions to promote good vocal technique and develop music skills.

Movement is an integral part of music learning and provides students a chance to explore creative motion, body-awareness, and group dance skills.



- \* Interpret rhythm patterns; identify music symbols and terms; work with the G-clef staff.
- \* Begin notation; pitch recognition; follow melodic line; start singing rounds in two parts
- \* Respond to beats; simple dances; musical games; instruments



### Computers: Mr. Fanning

Second graders will be working in the computer lab on basic skills, and will begin to use a word processor to write and revise. They will also use computer lab time to work with websites and applications that support the regular classroom curriculum, including math, science, social studies, and reading.

**Development as Learners**—Second graders begin the year with a strong need for teacher guided learning. By the end of the year, they will have developed skills that enable them to pursue their learning more independently with enthusiasm, cooperation, and self-knowledge. Our hope, as second grade teachers, is to help guide students in beginning to independently pursue their own learning.

**Social/Emotional Development:** Children will develop empathy skills; recognize the physical indicators of emotion, and develop skills to deal with strong emotions; recognize and describe bullying and teasing; understand the danger in overly relying on the opinion of others in decision-making; identify possible consequences of decisions and choices.

**Homework**—There is an expectation that children spend 10-15 minutes per night either reading or being read to. They will also have an additional 10-15 minutes of other work, with assignments that include spelling and math practice.



### District Assessments:

- Beginning and end of year math assessments
- Beginning and end of year formal writing prompts
- Beginning, middle, and end of year Words Their way spelling assessment.
- Beginning, middle and end of year Reading assessment



# Second Grade at Pelham Elementary

2017-2018

## Teacher and Room Information

Kate Thurston

Room 18

Para-educator– Dawn Sawula

This brochure will provide you with information about the key curriculum areas your child will study this year. We hope that you will use this as a guide in supporting your child's success at school.

## Enhancement Block

Enhancement Block is a time where students work on skills they need to master or build on skills they have learned. Some students will work on getting a stronger foundation of phonics skills or mastering addition facts. Other students will work on areas such as increasing vocabulary, comprehension, and/or fluency or solving higher level math problems.

## Pelham Elementary School

Lisa Desjarlais, Principal

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## Language Arts

Second graders are gaining independence and fluency in reading and are learning to sustain successful reading behaviors on slightly longer texts. Students read from various narrative and non narrative books including short stories, folktales, biography, poetry, realistic fiction, fairy tales, and nonfiction text. Teachers provide direct reading instruction and model comprehension strategies that students incorporate into their daily reading activities. Children retell stories by identifying characters, their traits, the setting, sequence of events, and problem/solution.

Word study includes building high frequency words, and expanding knowledge of spelling patterns and word structures so students can read and analyze increasingly difficult texts.

In writing workshop children continue to craft small moment stories that include more than one episode, along with writing realistic fiction stories. Students also create lab books and all-about books during our science writing units. We will spend time in the spring focused on a poetry unit in which the students learn techniques and explore their creativity in writing poetry. They listen to and study the texts of exemplary authors searching for what writers do and trying that in their own writing.



**Math** The second grade is fully implementing the *Everyday Math* program. This program teaches basic skills as well as conceptual knowledge and often utilizes a hands-on approach to learning. Students will leave second grade with a good understanding of the number system and the ability to solve a variety of story problems involving computation, patterns, geometry, measurement, and data analysis.

## Math Curriculum Units and Goals:

### Number and Routines

1. Review number patterns, number sequences, number grids, and number lines
2. Review months, weeks, days, and telling time
3. Practice addition facts
4. Compare numbers using the symbols  $<$ ,  $>$ , and  $=$

### Addition and Subtraction Facts

1. Make up, represent, and solve addition and subtraction number stories
2. Review and apply alternative strategies for  $+$  and  $-$
3. Practice addition and subtraction facts for sums and differences up to and including 10

### Place Value, Money, and Time

1. Review place value in 2 and 3 digit numbers
2. Review coin values and exchanges among coins
3. Tell time and write time in digital clock notation
4. Gather data by counting and analyze data

### Addition and Subtraction

1. Solve number stories
2. Read and show temperatures
3. Develop strategies for adding 2 and 3 digit numbers

### 3-D and 2-D Shapes

1. Develop the concepts of point and line segment
2. Identify, name, and classify polygons
3. Observe similarities and differences among 3 dimensional shapes
4. Explore symmetry

### Whole Number Operations and Number Stories

1. Introduce and practice array models
2. Review strategies for solving addition and subtraction problems
3. Develop procedures for multiplication/division problems

### Patterns and Rules

1. Describe patterns that result from skip counting by 2s, 5s, and 10s
2. Build mental arithmetic skills for adding 1 digit and multi-digit numbers
3. Make frequency tables, line plots, and bar graphs from real-life data

### Fractions

1. Review basic fraction concepts
2. Use fractions to name parts of a whole and of a collection
3. Find pairs of equivalent fractions
4. Solve number stories involving fractions

### Measurement

1. Review measuring with yards and meters
2. Measure longer distances; know units of weight
3. Develop the concepts of perimeter and area

### Decimals and Place Value

1. Review notation and equivalencies for money amounts
2. Compare prices, estimate costs, and make change
3. Develop and extend place-value concepts



## Science

### INQUIRY & OBSERVATION

- \*Ask a question which can be answered by direct investigation
- \*Ask questions that can be answered through research

### UNITS:

- Soil Habitats (4 investigations that are taught throughout the year)
- New Plants



**Social Studies**—The core theme for 2nd Grade is Community. Students focus on the ways that environment shapes culture, noting similarities and differences among groups of people.



Units studied include: Community, Mohandas Gandhi, Civil Rights, Continents, Producers and Consumers, Women's History Month

The No Bullying curriculum and Second Step is used to teach good citizenship.

**Health**—The focus is on healthy habits and lifestyle choices. This includes a unit on nutrition.



### **Physical Education—Coach Em**

Second grade is full of energy and our PE class is excited to give students a place to use that energy while learning how to respect one another and listen to instructions so we can play more complex games. Students will be exposed to new all class games during first part of PE sessions where everyone will do the same activity. Our all group activities will be followed by a chance to do familiar activities and common sports during choice time. The goal of our time together expose students to new ways to use their bodies and work together while also giving them a chance to develop their skills and deepen their joy for favorite activities so they will carry positive associations with being active regardless of what their areas of interest are.