

Social/Emotional Development

Students will demonstrate skills needed for school performance, develop and demonstrate attitudes, behaviors and interpersonal skills to work with and relate to others; demonstrate the ability to solve conflicts in an appropriate manner; develop effective strategies of dealing with peer pressure; identify difficult decisions and explore possible consequences of those decisions.

Guidance counselor Sarah Peters supports classroom teachers in implementing class meetings.

Team Planning

There is a strong team approach to planning and implementing curriculum at the 4th grade level. Teachers take turns taking the lead on developing weekly lesson plans in the different content areas. Homework assignments are developed to be consistent across the grade level.

Grade Level district assessments:

Math-Beginning and end of year.

Writing-Fall and Spring Writing Prompts

Standardized tests:

MCAS (Massachusetts Comprehensive Assessment System):

March 23 ELA Composition

March 24--April 12*: ELA Reading Comprehension

May 10-27*: Math

April 7: ELA Composition make-up (dates are testing 'windows,' specific dates will be provided in the spring)



Homework

Homework is generally given on Monday through Thursday nights. An assignment sheet is sent home on Mondays listing the homework assignments due that week. 30 minutes of nightly reading is always a part of homework, and there is usually a math assignment. Our expectation is that, on average, the total time that students should be spending on homework is 40 minutes a night, plus 30 minutes of nightly reading.

How to help at home:

Establish a regular reading time at home. Make time to read and discuss books together.

Help your child study for weekly spelling tests.

Help your child learn their multiplication and related division facts. Encourage your child to participate in activities that involve numbers, measurement, and logical thinking skills such as money and purchasing, directions and recipes, and thinking and strategy games.

Encourage your child to pursue interests related to classroom units. Involve your child in map reading, trip planning, and reading highway signs.

Check homework schedules daily to make sure all work is complete, and help your child stay organized by checking to see that the backpack is packed up with completed work and teacher notices, permission slips, etc. for the next school day.



Fourth Grade at Wildwood 2009-2010

Teacher and Room Information

Mary Lambert	G-3
Susan Radtke	G-2
Gioia Woods	G-4

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.

如需要翻译这件文件，请联络心理辅导老师郭乃馨

电话362-1417

この文書を翻訳するか、または内容を論議するために、362-1400

を呼び、日本の訳者に話すことを頼みなさい。

Para traducir este documento o para discutir su con-

Wildwood Elementary School

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Math

The fourth grade is fully implementing the 2nd edition of the math program *Investigations in Number, Data, and Space*. This curriculum supports mathematical thinking, problem solving, and engagement of students in key mathematical concepts and in-depth problems.

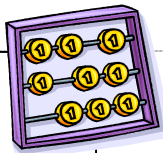
Curriculum Units:

1. Factors, Multiples, and Arrays
2. Describing the Shape of the Data
3. Multiple Towers and Division Stories
4. Size, Shape, and Symmetry
5. Landmarks and Large Numbers
6. Fraction Cards and Decimals Squares
7. Moving Between Solids and Silhouettes
8. How Many Packages? How Many Groups?
9. Penny Jars and Plant Growth: patterns and functions

Scott Foresman/Addison Wesley *Mathematics* and other resources are used to supplement *Investiga-*

Language Arts:

In fourth grade students begin to gain a deeper understanding about the purposes for and structures of various genres in both reading and writing. Daily mini-lessons reflect unit goals and provide time for students to practice and engage in oral and written text analysis which may include understanding character growth and relationships over time, making judgments about characters and events, and identifying theme. Students sustain silent, independent reading of books that appeal to their interests and are appropriate for their reading level. They continue to learn to monitor their comprehension by using a variety of strategies that lead them to higher level thinking skills including inferring, identifying important facts and information, summarizing. Applying reading strategies to nonfiction text often takes place during social studies and science. During Writing Workshop children continue to take steps toward carefully crafting their writing. Students' Writers' Notebooks become the foundation for personal narratives, essays, content area writing, and poetry. Students delve deeper into understanding spelling patterns of more complex words, and building vocabulary.



Science:

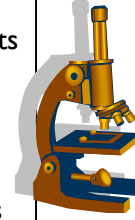
INQUIRY & ENGINEERING SKILLS:

Students will be able to:

- *Predict, observe, describe and record results of experiments
- *Draw conclusions from the results of experiments
- *Diagram simple electric circuits
- *Differentiate between objects and materials

UNITS:

- *Electric Circuits
- *Stories in Stone
- *Trees and Plants



Social Studies

Mapping: Students work on reading and understanding maps.

Geography: Students learn about the regions, states and capitals of the United States and Mexico, provinces and cities of Canada.

Economics: Students explore regional differences in natural resources and understand supply and demand.

SAFE Students participate in a fire awareness program sponsored by the Amherst Fire Department.



Art

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

In fourth grade we:

- *Continue to build skills in all media
- *Develop concepts of space, perspective and color
- *Sharpen observation drawing skills
- *Develop appreciation for stylistic differences and artistic expression
- *Focus on landscape and nature as inspiration

Curriculum connections:

Geology, trees, U.S. regions, art of the Americas



Music

Students experience a diversity of music styles, genres, cultures and traditions to promote good vocal technique and develop music skills, building upon previous years' learning. Fourth graders:

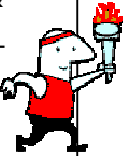
- *Sing rounds, canons and beginning harmony, perform instrumental parts (accompaniments) while others sing
 - *Recognize and interpret dynamics, different meters, interpret more complicated note combinations
 - *Musical form: theme and variation, Rondo, Blues
- Curriculum connections:** Native American culture, fractions



Physical Education is PE: wear sneakers please.

In games/sports, gymnastics, dance & fitness, students: *meet physical, social and intellectual standards, e.g., run a mile, complete portfolios, participate in work stations *use movement concepts such as analysis, shape & relationships *work on skills in 4v4 competition, rhythmic gymnastics & choreography

Curriculum connections: health, electricity, cultures of the Americas



Computers

In all grades, students learn similar commands and how to use different languages. Each year those skills are built on with more sophisticated and complex activities. Fourth graders...

- *Format and publish word processed documents
 - *Use text to speech programs for reading and research
 - *Use the internet to research selected topics
 - *Design simple presentations
 - *Explore problem solving methods and much more
- Curriculum connections:** geography, graphing, butterfly migration and coordinate math



Library

Exposure to non-fiction is highlighted especially in the form of biographies, as well as the use of library reference materials, to find information.

Literature

- * Biographies and other non-fiction
- * American traditional tall tales
- * Mass. Children's Book Award program
- * National award winning books

Library Skills

- * Locating non-fiction books by call number
- * Computer searches for info retrieval
- * Scavenger Hunt – using the entire library
- * Library vocabulary
- * Kid's Almanac
- * Atlas skills– preparation for Geography Bee

