

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 Second Grade we:

- *Extend use of art media and techniques in drawing, painting, sculpture, printmaking, collage, and fiber arts
- *Develop drawing skills
- *Introduce color families and art principles
- *Develop visual vocabulary and appreciation

Curriculum connections: Observation of nature, comparison of rural, suburban, and urban environments, Amherst, and Hopi culture, geometry, symmetry



Music

Students experience a diversity of musical styles, genres, cultures, and traditions to promote good vocal technique and develop music skills. They build upon last year's learning to

- * 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

Curriculum connections: Conflict resolution, Friendship, Senses, Weather, Seasons



Physical Education is PE: wear sneakers please.

In games/sports, gymnastics, & dance, students:

- * participate in PE as fun and work, wearing sneakers
- * work to meet physical, social, & intellectual national standards, e.g., activity, 2v2 competition & group cooperation
- * read & use movement concepts, e.g., directions, levels, & extensions of the body & equipment
- *master basics of over arm throw, forward roll, & combinations

Curriculum Connections: Amherst & Hopi



Computers

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

Second Graders . . .

- * Start using Geo-Logo to program turtles in games
- * Use math and language programs to reinforce classroom skills
- * Use graphics to plan and illustrate writing.
- * Use word processing including capital letters, fonts, and saving and much, much, more.

Curriculum connections in second grade include looking at measurement, making graphs, 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 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.

Guidance counselor Naihsin Kuo supports classroom teachers in implementing guidance programs.

Homework—There is an expectation that children spend 15-20 minutes per night either reading, being read to, or doing other assigned work. The assignments may include: spelling and math practice, writing, or other unit-related home tasks.



District Assessments:
Beginning and end-of-year math assessments
Spring and Fall formal writing prompts



Second Grade at Wildwood

2009-2010

Teacher and Room Information
Mangala Jagadeesh C-2
Raman Magay C-1
Michael Silverstone C-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 contenido,

Wildwood Elementary School

Matthew Behnke, Principal
Lisa Baily, Assistant Principal
71 Strong Street
Amherst, MA 01002
362-1400
www.arps.org/www



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. During book talks, students share their connections, thoughts and feelings about characters, events, and story meaning. Second graders also respond to texts and reveal their understandings in writing.

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. Students create non fiction books that reveal their knowledge about well-known topics, write letters, and create poems. They listen to and study the texts of exemplary authors searching for what writers do and trying that in their own writing. Enthusiasm for reading and writing is promoted with extension activities such as art, drama, and music.



Math The second grade is fully implementing the 2nd edition of the math program *Investigations in Number, Data, and Space*. This curriculum enables students to spend time exploring problems in-depth; find more than one solution to a problem; invent strategies and approaches; choose from a variety of concrete materials and technology for math work; express mathematics thinking through drawing, writing, and talking; justify solutions; and work in a variety of groupings. 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.

Curriculum Units and Goals:

Counting, Coins, and Combinations

1. counting, writing, and reading numbers to 100 and beyond
2. identifying and using patterns in the structure of the number system
3. adding and subtracting numbers under 50

Shapes, Blocks, and Symmetry

1. describing, identifying, comparing, and sorting 2D and 3D shapes
2. investigating mirror symmetry
3. achieving fluency with doubles combinations

Stickers, Number Strings, and Story Problems

1. developing strategies for solving addition and subtraction story problems
2. using standard notation for equations to represent computations

Pockets, Teeth, and Favorite Things

1. classifying, representing and describing data
2. developing strategies for adding multiple numbers
3. achieving fluency with the +10 combinations

How Many Floors? How Many Rooms?

1. finding and describing the ratio relationship between two quantities
2. using tables to represent number patterns and changing, constructing, describing, and extending number patterns

How Many Tens? How Many Ones?

1. developing efficient methods for adding and subtracting
2. 2-digit numbers
3. using the 100 chart and the number line to model computation

Parts of a Whole: Parts of a Group

1. understanding fractions as equal parts of a whole and as equal parts of a group

Partner, Teams, and Paper Clips

1. investigating the properties of even and odd numbers with addition and subtraction of 2-digit numbers
2. developing and achieving fluency addition with combinations to $10 + 10$

Measuring Length and Time

estimating and calculating accurate measurement for length and time

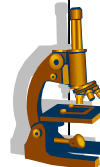
Science—

INQUIRY & ENGINEERING SKILLS: Students will be able to:

- *Observe, compare and sort objects by color, shape, size and texture
- *Describe events and record changes over time
- *Ask a question which can be answered by direct investigation

UNITS:

PEBBLES, SAND & SILT
SEEDS/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 peoples.

Units studied include: Amherst and its Communities, Emily Dickinson, Geography and map skills, the Hopi People, and Family Traditions.



Conflict Resolution is also a strong emphasis as students practice communication skills and resolving differences peacefully.



Health—The focus is on healthy habits and lifestyle choices. This includes the study of germs, the benefits of exercise, the heart and the lungs.

Library

Students are exposed to both traditional and contemporary literature.

Literature

- * Historical Fiction
- * Aesop's fables & variations on the fables
- * Selected authors
- * Seasonal literature
- * Middle Eastern folk tales
- * Non-fiction reading for facts
- * Caldecott Award Books

Library Skills

- * Various types of fiction and non-fiction
- * Identifying parts of the book
- * Using the computer catalog

