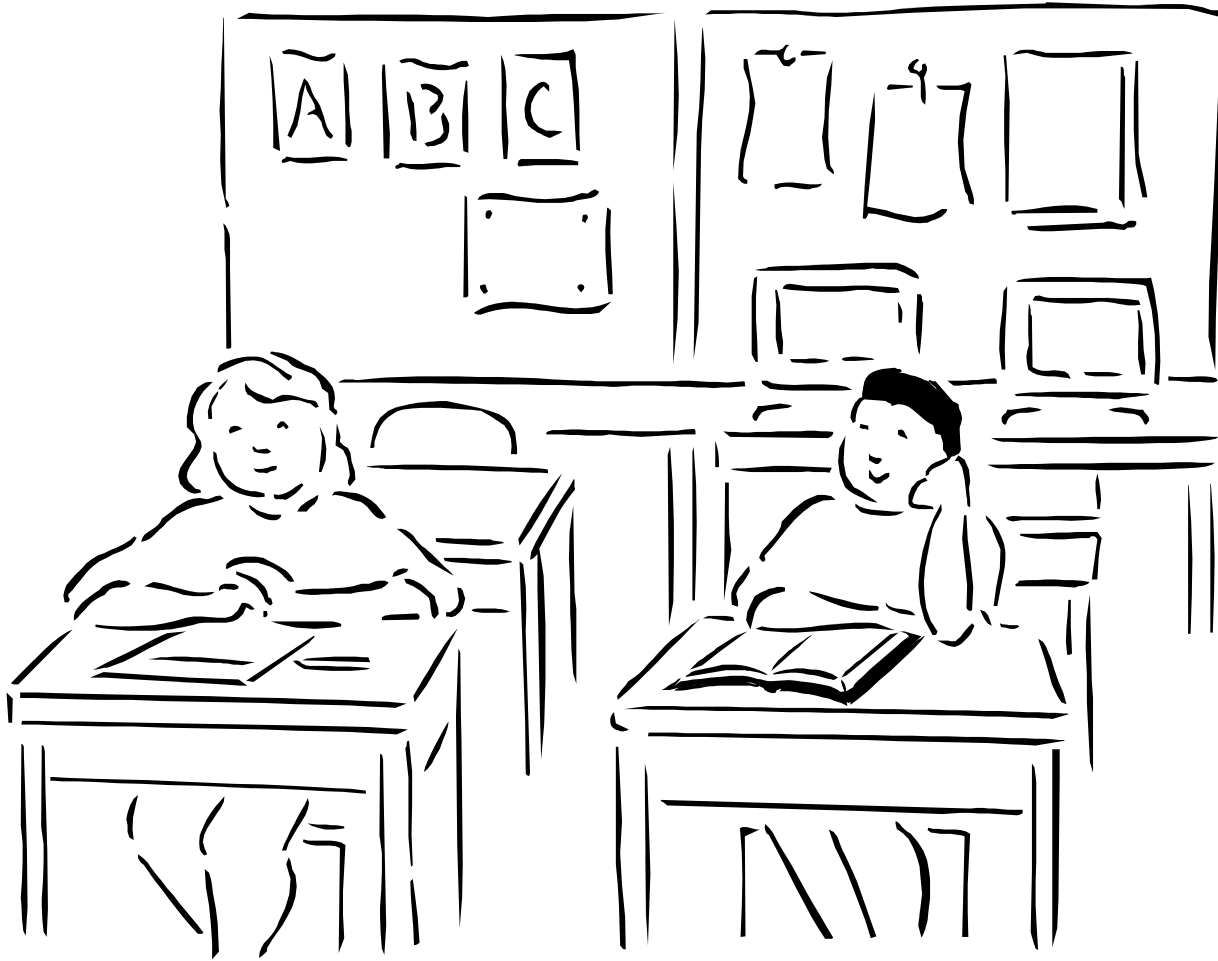


SECOND GRADE
CURRICULUM AND
STANDARDS



READING



Phonics and Vocabulary

- Phonics and word attack skills
- High frequency and content specific words
- consonant and vowel sounds, consonant blends and diagraphs, r-controlled vowels, vowel diphthongs, letter clusters, multi-syllable
- Syllables, prefixes, suffixes, root words, homonyms, abbreviations, and contractions

Comprehension

Use reading, writing, speaking, and listening to gather and interpret information and construct meaning from informational and expository passages:

- Recall, summarize, sequence, predict, question, classify, analyze, draw conclusions, infer, synthesize, and evaluate.
- Identify: setting, plot, character traits, context clues, author's purpose, main idea, theme, and supporting details.
- Explain cause and effect and fact and opinion.

Fluency

- Reading expressively, meaningfully and accurately with appropriate grade level speed (Fall 50 w.p.m., Winter 78 w.p.m., & End of year 90 w.p.m.)

Response to Reading

- Demonstrate understanding through small group discussions, journaling, multiple choice questions, short written answers, and graphic organizers.

Study Skills

- Alphabetical order
- Reference sources
- Dictionary and Thesauruses
- Parts of book
- Diagrams, charts, maps, and graphs



WRITING

Traits of Writing

Students are introduced and graded on the following traits of writing.

Content & Ideas: Picks a topic to write on and starts with a strong topic sentence. Then has 1-2 supporting details with statement followed by a concluding sentence. Include details (who, what, where, when, why, and how).

Organization: Has a clear beginning, middle and end. Uses some transition words (ex. Later, Next, After, Before, Suddenly).

Style: Uses interesting, descriptive words (not words like fun, cool, ...)

Explain their ideas in a way that gets the reader to ask questions and wonder what will come next. All of the sentence make sense and are easily read

Conventions: Equal spaces between every word. Periods used correctly about 95% of the time. Capitals at the beginning of every sentence and at the beginning of proper names of people and places. Printing is readable

Applied Spelling: Spells basic words correctly. When attempting harder words they use conventional spelling strategies (ex. Adding a E to make a word long)

The Writing Process Pre-write, Draft, Revise, Edit & Publish

Students will become familiar with the writing process and follow these steps to enhance their writing skills.

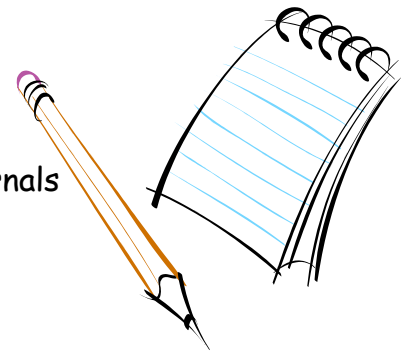
Students will write in the following forms:

Recount

Personal, factual/non fiction, imaginative, friendly letters and journals

Narrative

Realistic and fantasy stories



In second grade students are expected to:

- Use and label verbs, nouns, and adjectives
- Maintain subject/verb agreement
- Identify and use capital letters in sentences
- Use apostrophes to show ownership and contractions
- Use commas for dates, letter greetings/closings, and series of 3 items
- Correct use of punctuation marks at the end of sentences
- Spell grade level phonetic and high frequency words
- Practice displaying information and data by creating signs, posters, graphs and charts
- Use transitions words between details
- Include a topic and concluding sentence
- Write with a beginning, middle, and end
- Include supporting details

MATHEMATICS

Number Sense:

- Students write and rename numbers using place value (from 0 to 1000)
- Students add and subtract two-digit numbers efficiently, accurately, and explain why their procedure works.
- Students have **automatic recall** of addition and related subtraction facts for **sums through 20**.
- Students solve problems using addition, subtraction, and measurement with a variety of problem solving strategies to verify solutions.
- Model and describe multiplication and division situations/concepts

Algebra

- Students solve equations where the unknown is in a variety of places.
- Extend a number pattern and identify the rule.

Measurement

- Students determine the value of collections of coins up to \$1.00.
- Students use analog and digital clocks to tell time to the minute.
- Students estimate and measure length using both U.S. customary and metric tools.
- Students collect, organize, represent, and interpret data in bar graphs and picture graphs.

Geometry

- Students solve problems involving two- and three-dimensional geometric figures.
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PROBLEM SOLVING

Students solve problems in addition, subtraction, and measurement, use a variety of problem solving strategies and verify solutions.

1. Identify the questions (s) asked in a problem and any other questions that need to be answered in order to solve the problem.
2. Select from a variety of problem solving strategies and use one of more strategies to solve a problem.
3. Students use pictures, numbers, and words to help solve problems.



S O C I A L S T U D I E S

This year will be an exciting one for the students in second grade. They will be learning key social studies concepts in a highly engaging way with our new curriculum called *Social Studies Alive! My Community*. This is a program that truly engages students in learning. Your child is an active participant, experiencing social studies through innovative teaching practices that include dramatic role-playing, creative simulations, dynamic group projects, and writing activities.

Some of the topics we will cover in social studies include:

What is a community?

What is geography?

How do people use the environment?

Who provides services in a community?

How can I be a good shopper?

How can one person make a difference in a community?

What does a good citizen do?

Here are some ways you can support and extend the social studies curriculum:

- Discuss social studies and current events with your child, and listen to what your child has to say.
- Ask to see your child's Interactive Student Notebook on a regular basis so you can see for yourself what your child is learning.
- Finally, extend learning beyond the walls of the classroom. Take your child to historical sites or museums, to local government buildings or events that allow them to experience civics in action, to outdoor places or other sites that support your child's study of geography.
- Point out that social studies is all around us, that it shapes the present and the future and the way we live, and that everyone of us can play an active and positive role in it.

SCIENCE UNITS

Our curriculum uses the investigative process. The students experiment, journal, discuss, and reflect on their observations. They also collect data, create diagrams, and illustrate their learning.

Earth Science: Pebbles, Sand, and Silt

Life Science: Insects/Life Cycles

Physical Science: Balance and Motion

TECHNOLOGY

Microsoft Word

Students will demonstrate:

- create, save, and open documents
- use delete/backspace keys
- insert/resize a picture
- format fonts
- use spell check
- print a document (only once and to the correct printer)
- explore word

Keyboarding

Students will demonstrate:

- type the alphabet in less than 1 minute
- use two hands and correct keyboard position
- use the shift key
- type common symbols
- turn caps lock on and off as needed

PowerPoint

Students will demonstrate:

- save a presentation
- create a new presentation using templates
- open an existing presentation
- insert a new slide
- delete or move a slide
- use view options
- insert and manipulate clip art
- format font size, color, styles
- use delete/backspace commands

