

Science

Students will...

- ◆ Understand scientific concepts in all content areas: plants & animals, food webs, day & night, stars, electricity, energy and nutrition.
- ◆ Record scientific observations and data accurately.
- ◆ Apply investigative process.

Ways you can help...

- ◆ Encourage your child to pose questions and allow them to answer those questions through experimentation.
- ◆ Take a trip to the library and study Thomas Edison's life and his work when inventing the light bulb.
- ◆ Observe musical instruments and discuss the parts that vibrate to produce sound.
- ◆ Visit a zoo and discuss ways animal structures and behaviors are alike and different.
- ◆ Observe the night sky and identify constellations.

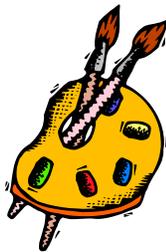
Fine Arts

Students will...

- ◆ Create, perform, and respond through art.

Ways you can help...

- ◆ Sing with your child. Discover high, medium, low, and repeated sounds.
- ◆ Attend a school music performance.
- ◆ Explore phrases such as "I'm feeling blue". Create a work of art using many variations of that color.
- ◆ Encourage your child to make sketches of shadows.
- ◆ Encourage your child to create artwork to be given as gifts.
- ◆ Write new lyrics to a familiar song.



Social Studies

Students will...

- ◆ Understand how historical events and social changes impact people, culture, and events.
- ◆ Understand basic economics including goods, services, production, distribution, supply and demand.
- ◆ Understand principles of democracy; individual and community.
- ◆ Understand demonstrate knowledge of geographic elements (maps, charts, locations, physical features, patterns).



Ways you can help...

- ◆ Look at a map of Washington State. Find Lake Washington, Puget Sound, Seattle, etc.
- ◆ Together calculate distance between cities. Examine an atlas, discuss the different types of maps, and their uses.
- ◆ Discuss leadership experiences each of you may have had. Talk about how leadership occurs in your home, community, and state.
- ◆ Discuss a major family decision (vacation, purchase).
- ◆ Use a world map to locate areas of the world where products are imported and/or exported.

Health and Fitness

Students will...

- ◆ Demonstrate skills and knowledge to reduce health risks and safely maintain a healthy life.

Ways you can help...

- ◆ Walk, hike, jog, or bicycle together.
- ◆ Have your child plan meals using the food pyramid.
- ◆ Discuss ways germs can be transmitted, and ways to prevent it.
- ◆ Discuss transportation safety issues.
- ◆ Brainstorm how to cope with stress.
- ◆ Discuss how media messages sometimes encourage people to make unhealthy decisions.



Snoqualmie Valley School District

Fourth Grade Curriculum Overview

Parents and other family members play a vital role in a child's success in school. A strong partnership between home and school is a key to this success.

This pamphlet gives you an outline of the content and skills taught in fourth grade, and some ways to help your child achieve them. A detailed description of the fourth grade standards and expectations are available from your child's teacher.

Communication and cooperation between home and school is essential for a successful educational experience.

We look forward to working with you!



www.svsd410.org

Reading

Students will...

- ◆ Refer to details and examples in the text when explaining and making inferences
- ◆ Determine theme of a story, drama, or poem from details in the text; summarizes the text
- ◆ Compare and contrast characters, settings, events, and narrator point of view in stories or dramas
- ◆ Compare and contrast similar themes and topics in different presentations of the text
- ◆ Determines the main idea from details in an informational text; summarizes the text
- ◆ Explains how the structure of ideas, concepts, and information in the text supports specific points
- ◆ Uses information from two texts to write or speak about a subject knowledgeably and in different presentations of text
- ◆ Determines the meaning of words and phrases as they are used in text; applies grade-level phonics and word analysis skills
- ◆ Reads accurately and fluently to support comprehension of grade-level texts

Ways you can help...

- ◆ Read to your child daily and vary the type of material.
- ◆ Have your child read independently, read to a sibling or read to you every day.
- ◆ Ask your child to summarize the previous day's selection before continuing reading.
- ◆ Provide time for your child to read at night (20 minutes minimum).
- ◆ Let your child see you and other family members enjoying reading.
- ◆ Talk to your child about the meaning of stories read together. Ask questions about their book.
- ◆ Ask your child to read aloud a favorite book, poem or story into a tape recorder and send the tape to someone far away as a gift.
- ◆ Check out a book on tape and listen to it in the car or at home.

- ◆ Help your child find books. Encourage your child to try new types of genres and books.



Writing, Language, Listening and Speaking

Students will...

- ◆ Write opinion pieces on topics or texts, supporting a point of view with reasons and information
- ◆ Write informative/explanatory texts to examine a topic and convey ideas and information
- ◆ Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences
- ◆ Conduct short research projects that build knowledge through investigation of different aspects of a topic
- ◆ Take notes when gathering information from print/digital sources and personal experiences; categorizes information and provides a list of sources
- ◆ Demonstrate the conventions of Standard English grammar and usage when writing or speaking
- ◆ Demonstrate the conventions of Standard English capitalization, punctuation, and spelling when writing
- ◆ Determines meaning, understands, and uses grade-appropriate words, phrases, and figurative language
- ◆ Effectively engage in discussions with individuals and in a group; paraphrase when presented information
- ◆ Identify the reasons and evidence a speaker communicates to support ideas
- ◆ Speak clearly with appropriate pace, volume, and expression



Ways you can help...

- ◆ Encourage letter writing for developing a sense of voice, audience, and purpose.
- ◆ Collect your child's favorite writing pieces in a folder or book. Read them together.
- ◆ Have your child write a persuasive note to you to explain why he/she needs a particular item.
- ◆ Coach—don't write—for your child. Question, listen, and talk about his/her writing together. Your child needs to do his/her own drafting, revising, and editing, with you serving as a coach.
- ◆ Set up a family message board.
- ◆ Work with your child to keep a writer's notebook of observations, quotes, favorite words, and future writing ideas.
- ◆ Purchase a thesaurus and dictionary and encourage its use during revising.

Math

Students will...

- ◆ Solve multistep word problems and equations with a letter standing in for an unknown quantity
- ◆ Find factors, multiples, prime, and composite numbers from 1-100
- ◆ Use place value understanding to round and compare numbers using $>$, $=$, and $<$
- ◆ Fluently adds and subtracts multi-digit numbers
- ◆ Multiply and divide 4 digit by 1 digit, and 2 digit by 2 digit problems accurately; explains with equations, arrays, and/or models
- ◆ Recognize and generates equivalent fractions
- ◆ Compare and orders fractions with like and unlike denominators using models, equivalents, and/or benchmark fractions
- ◆ Add, subtract and multiply fractions and mixed numbers with like denominators
- ◆ Understand and compare between fractions and decimals
- ◆ Convert units of measurement (metric, standard, length, capacity, time, money)
- ◆ Accurately finds perimeter and area for rectangles using standard formulas
- ◆ Represent, interpret, and solve with data on line plots
- ◆ Understand and measure angles
- ◆ Draw and identify points, lines,



Ways you can help...

- ◆ Use a page of the classified ads to create challenges. "Find the largest number, find the smallest number".
- ◆ Play math games together such as Dominos, Yahtzee, Battleship, etc.
- ◆ Practice number facts up to 10's using flash cards or verbal questions.
- ◆ Play strategy games. Start with eight pennies on a table. Take turns picking up 1 or 2 or 3 pennies. The loser picks up the last penny. Discuss the winning strategy.
- ◆ Toss a coin 50 times. Record the number of heads and tails. Predict what would happen if you tossed the coin 100 times, 150 times, 200 times, etc.
- ◆ While doing chores, create opportunities to use fractions: cutting pizza, cake, mowing $1/2$ the lawn before taking a break, etc.