

## Science

### Students will...

- ◆ Demonstrate understanding of how to write-up a scientific investigation.
- ◆ Understand how systems work.
- ◆ Demonstrate ability to design solutions to real world human problems.
- ◆ Demonstrate understand of science concepts in the following areas: matter, earth's surface, heredity, adaptations, fossils and force & motion.

### Ways you can help...

- ◆ Encourage your child to pose questions and allow them to answer those questions through experimentation.
- ◆ Research speeds of motion of a variety of animals and machines, and place them in order from slowest to fastest.
- ◆ Make a balloon rocket. String a 5 foot piece of thin string to the backs of two chairs. Move the chairs apart until the string is tight. Lightly tape a deflated balloon to the straw. Slide the balloon to the end of the string, blow it up, and let it go. Discuss the results.
- ◆ Select a city; record the high and low daily temperatures and daily rainfall. Graph and discuss the results.

## 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.
- ◆ Provide your child with a wide variety of art materials.
- ◆ Play an informal game of "name that tune".
- ◆ Listen to a wide variety of music.
- ◆ Attend a concert and classify instruments into percussion, woodwind, brass, string.

## Social Studies

### Students will...

- ◆ Understand how historical events and social change impact people, culture, and events.
- ◆ Understand key ideas of democracy.
- ◆ Understand demonstrate knowledge of geographic elements (maps, charts, locations, physical features, patterns).

### Ways you can help...

- ◆ Compare finding Seattle on a globe to finding it on a map. Plan a historical tour of the US. with your child. Decide on places to visit and their historical importance. Design itineraries, and determine costs.
- ◆ Discuss events of historical significance, asking: "How would it have been different if ...?"
- ◆ Encourage your child to read books focusing on U.S. development as well as biographies of Americans who have made a difference.
- ◆ Follow local, state, US Elections, discuss some of the issues with your child.



## Health and Fitness

### Students will...

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

### Ways you can help...

- ◆ Participate in community sports programs.
- ◆ Play active games with your child (golf, Frisbee, tennis, etc.)
- ◆ Have your child keep a diary of a day's meals and snacks. Calculate if what they ate met the requirements recommended
- ◆ Encourage your child to make a homemade obstacle course that requires strength, flexibility, and balance.
- ◆ Talk a walk through the neighborhood, picking up trash.
- ◆ Select an area of fitness you and your child would like to improve and maintain. Chart and record the results.



**Snoqualmie Valley  
School District**

# Fifth 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 fifth grade, and some ways to help your child achieve them. A detailed description of the fifth 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](http://www.svsd410.org)

## Reading

### Students will...

- ◆ Quote accurately from text when explaining or drawing inferences
- ◆ Summarize and determine theme of text
- ◆ Compare and contrast story elements, text structure as well as stories of the same genre
- ◆ Explain text structure and figurative language
- ◆ Understand narrator's or speaker's point of view
- ◆ Summarize by identifying main ideas of a text and supporting details
- ◆ Understand and apply new vocabulary from text
- ◆ Analyze and compare multiple accounts of the same topic



### 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.
- ◆ Provide time for your child to read at night.
- ◆ Let your child see you and other family members enjoying reading.
- ◆ Encourage your child to use a new word several times to reinforce its meaning and use.
- ◆ Help your child find books. Encourage your child to try new types of genres and books.
- ◆ Look up the meaning of interesting words.
- ◆ After reading, ask your child to summarize the main points.
- ◆ Discuss reactions to different types of books.
- ◆ Encourage your child to participate in community programs that include reading and writing.
- ◆ Celebrate reading successes with your child.



## Writing, Language, Listening and Speaking

### Students will...

- ◆ Show purpose and focus in opinion, informative and narrative writing
- ◆ Show organization in opinion, informative and narrative writing
- ◆ Show elaboration of facts, details and descriptions
- ◆ Effectively use vocabulary and figurative language in writing
- ◆ Demonstrate correct conventions: capitalization, punctuation, spelling
- ◆ Demonstrate correct grammar
- ◆ Speak clearly with appropriate pace, volume, and expression using multimedia when appropriate

### Ways you can help...

- ◆ Collect your child's favorite writing pieces in a folder or book. Read them together.
- ◆ 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.
- ◆ Take your child to hear a children's author speak about writing for young people.
- ◆ When working together focus on ideas and content first. Save editing until ideas are clear, complete, and focused.
- ◆ Have your child write a persuasive note to you to explain why they need an item.
- ◆ Listen attentively as your child reads. Celebrate successes.
- ◆ Talk about how you revise and edit your own writing.
- ◆ Talk about a piece of writing and its effectiveness.
- ◆ Practice giving presentations in front of a mirror or film it on your phone.



## Math

### Students will...

- ◆ Solve algebraic expressions by replacing variables with given numbers
- ◆ Find a pattern to show relationships between numbers
- ◆ Add and subtract decimals
- ◆ Multiple and divide whole numbers and decimals
- ◆ Add and subtract fractions with unlike denominators
- ◆ Multiple and divide fractions
- ◆ Convert units within a given measurement system
- ◆ Represent and interpret data using line-plot graphs
- ◆ Understand the concept of volume
- ◆ Graph points on a coordinate plane
- ◆ Classify two dimensional figures
- ◆ Efficiently apply strategies to solve problems
- ◆ Clearly communicate mathematical thinking

### Ways you can help...

- ◆ Collect grocery receipts and hide the total; ask your child to estimate the total.
- ◆ Play strategy games together such as Othello, checkers or Master Mind.
- ◆ Cook together to practice fractions; double or halve a recipe.
- ◆ Involve your child in real-world problem solving such as planning a road trip (how much gasoline will be used), building a vegetable garden (how much dirt is needed) etc.
- ◆ Listen to your child explain how they solved a math problem from their classwork.
- ◆ Use sporting events to practice ordering and comparing decimals.
- ◆ Ask your child to determine how much can be purchased with a given amount of money, or what the cheapest combinations of items is.

