

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

Reading

Students will...

- ◆ Understand and apply new vocabulary.
- ◆ Demonstrate comprehension of important ideas and details using examples from the text.
- ◆ Read accurately and fluently at grade level adjusting for purpose and material.
- ◆ Analyze text features (inference, prediction, cause and effect).
- ◆ Demonstrate understanding of author's purpose.



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

Students will...

- ◆ Write on topic with elaboration using relevant details.
- ◆ Use logical organizational patterns (introduction, transitions, conclusion).
- ◆ Write with voice, providing reader with a sense of the person behind the words.
- ◆ Use appropriate and engaging vocabulary.
- ◆ Write sentences that vary in length and structure.
- ◆ Apply writing conventions including punctuation, indentation, capitalization, etc.
- ◆ Spell high frequency words correctly.

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.



Math

Students will...

- ◆ Divide up to a four digit number by one or two digits divisors.
- ◆ Add and subtract fractions and mixed numbers with unlike denominators.
- ◆ Fluently add and subtract decimals.
- ◆ Classify quadrilaterals (by side) and triangles (by angles).
- ◆ Determine the perimeters and areas of triangles and parallelograms.
- ◆ Write rules to describe algebraic relationships and graph linear relationships in the coordinate plane.
- ◆ Determine and interpret the mean for a set of whole numbers.
- ◆ Identify information essential or extraneous to solution of a problem.
- ◆ Represent a problem using words, numbers, pictures manipulative or symbols.



Ways you can help...

- ◆ Collect grocery receipts and hide the total. Ask your child to estimate the total.
- ◆ Play strategy games together such Othello, checkers, Master Mind.
- ◆ Cook together to practice fractions.
- ◆ Read and discuss graphs gathered from newspapers, magazines, or the internet.
- ◆ Create problems to solve. Find out how many times your heart beats per minute.
- ◆ Listen to your child explain the process they are using to solve a problem. Ask questions like: "What do you have to figure out? How will you get started? What do you already know? How will you make sure that your answer is correct?"

