



North Kitsap
School District
English Language
Arts and Math

Fifth Grade

*A Teacher's Guide to Standards
for grading*



Fractions – Numbers and Operations Fractions (5.NF.1-7)

- Add and subtract fractions with unlike denominators (including mixed numbers)
- Solve word problems involving addition and subtraction of fractions referring to the same whole
- Interpret a fraction as division of the numerator by the denominator
- Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction
- Interpret multiplication as scaling (resizing)
- Solve real word problems involving multiplication of fractions and mixed numbers
- Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions
- Interpret division of a unit fraction by a non-zero whole number
- Interpret division of a whole number by a unit fraction
- Solve real word problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions

Measurement and Data (5.MD.1-5)

- Convert among different-sized standard measurement units within a given measurement system
- Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$)
- Recognize volume as an attribute of solid figures and understand concepts of volume measurement
- Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units
- Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume

Geometry (5.G. 1-4)

- Use a pair of perpendicular number lines, called axes, to define a coordinate system
- Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane
- Classify two-dimensional figures into categories based on their properties

Standards of Mathematical Practices (1-8)

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

For more information about the Washington Standards, please visit: www.k12.wa.us/





5th Grade Report Card Descriptors

Reading: Literature and Informational Text

Key Ideas and Details (RL/RI 1-3)

- Quote accurately in fiction and nonfiction text to explain and draw inferences.
- Determine the theme of story, drama, or poem from details, and summarize using main ideas from the text.
- Compare/contrast two or more characters, settings, or events.
- Explain the relationships or ideas in science or social studies

Craft and Structure (RL/RI 4-6)

- Determine the meaning of academic specific words and phrases as they are used in a text.
- Explain how chapters, scenes, etc. provide overall structure in poems, drama, and stories.
- Describe comparison, cause/effect, problem/solutions in a text.
- Analyze points of view from multiple sources.

Knowledge and Ideas (RL/RI 7-9)

- Analyze how visual elements add to the meaning or tone of text (eg. fiction, folktale, myth, poems)
- Use information from multiple sources to locate and answer questions quickly.
- Identify how an author uses evidence to support particular parts of a text.
- Gather information from two texts on the same topic, and prepare to write or speak about the subject.
- Compare/contrast themes, topics, and events.

Text Complexity

- Can read grade level text with understanding.

Foundational Skills

Phonics (RF.3)

- Know and apply grade-level phonics and word analysis skills in decoding words.

Fluency (RF.4)

- Read on-level text with purpose, accuracy, and expression.

Writing

Text Types and Purposes (W.1-3)

- Write for different purposes (eg. narrative, opinion, informational, etc.)

Productions and Distribution of Writing (W.5-6) *With guidance*

- Write clearly with organization and purpose.
- writing process: prewriting, revising, editing, publishing
- using digital tools

Research to Build and Present Knowledge (W.7-8)

- Science Notebooks
- Reports

Speaking and Listening

Comprehension and Collaboration (SL.1-3)

- Participate in collaborative discussions
- Listen to a conversation and ask relevant questions
- Respectful listening and speaking

Presentation of Knowledge and Ideas (SL.4-6)

- Report on a topic or text, tell a story, or recount experiences
- Present learning through audio or visual displays
- Speak and share ideas formally and informally

Language

Conventions (L.1-2)

- Grammar, spelling, punctuation

Knowledge of Language (L.3)

- Applies knowledge of the conventions (L.1.2) in writing, speaking, listening and reading

Vocabulary (L.4-6)

- Using context to figure out the meaning of unknown words and multiple-meaning words and phrases.
- Print or on-line glossaries and dictionaries to clarify the meaning of words
- Demonstrate understanding of word relationships

Mathematics

Operations and Algebraic Thinking (5.OA 1-3)

- Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols
- Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them
- Generate and analyze patterns. Generate two numerical patterns using two given rules.

Place Value – Numbers and Operations in Base Ten

(5.NBT. 1-7)

- Recognize that in a multi-digit number, a number in the one place represents 10 times as much as it represents in the place to its right and 1/10 of what is represented in the place to its left
- Explain patterns in the number of zeros of the product when multiplying a number by powers of 10
- Explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10
- Read, Write, and compare decimals to thousandths
- Use place value understanding to round decimals to any place
- Fluently multiply multi-digit whole numbers using the standard algorithm
- Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors
- Add, subtract, multiply, and divide decimals to hundredths