



Student Learning Department  
20420 68th Avenue West  
Lynnwood, WA 98036

Website: [www.edmonds.wednet.edu](http://www.edmonds.wednet.edu)



### Our Mission

To ADVOCATE for all students by PROVIDING a learning environment which EMPOWERS students, staff, and the community to MAXIMIZE their personal, creative, and academic potential in order to BECOME lifelong learners and responsible world citizens.

# 4<sup>th</sup> Grade

Reading  
Writing  
Communication  
Mathematics  
Science

## A Guide to Understanding Your Child's Progress Report

What should my child know and be able to do at the end of fourth grade?



## Mathematics

### Number Sense and Algebra

- Multiplication and division
  - Quickly recalls multiplication facts to 10x10 and related division facts
  - Uses algorithms to solve digit by 2 digit multiplication
  - Solves multiplication and division word problems of various types (equal groups; area, comparison, and combinations)
  - Solves word problems with unknown number in various positions
  - Determines mean, median, and mode of small data sets
- Fractions, decimals, and mixed numbers
  - Reads, writes, compares and orders equivalent fractions
  - Converts decimals to/from fractions
  - Solves word problems involving addition and subtraction of fractions
  - Identifies probability in fraction form with picture problems
  - Graph-ordered pairs of data



### Geometry and Measurement

- Uses formulas to compute area and perimeter of rectangles and shapes which can be broken into rectangles
- Solves word problems involving area and perimeter
- Describes and computes elapsed time

### Problem Solving and Reasoning

- Identifies the question asked in word problems
- Uses information given to solve word problems and answer questions
- Determines reasonableness of solutions to word problems
- Selects appropriate strategies to solve word problems
- Solves non-routine problems

### Communication

- Conveys answers to questions verbally and in written form as needed
- Describes verbally, pictorially, and/or in writing processes used to solve problems

# Literacy Skills

## Reading

**Understands and uses different skills and strategies to read.**

- Uses dictionaries, thesauruses, and glossaries to define, clarify, and refine word meanings
- Uses knowledge of word origins, common roots, prefixes, and suffixes as a strategy to understand new vocabulary in grade level text
- Reads aloud with ease, smoothness, and accuracy - most texts are read at grade-level words correct per minute



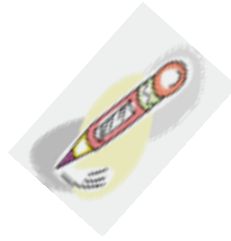
**Understands the meaning of what is read.**

- Uses different strategies to connect text to prior knowledge, to create mental pictures, and to ask and answer questions
- Determines importance of text using theme, main ideas, author's purpose, and supporting details
- Applies strategies to summarize fiction and nonfiction text selections
- Describes and examines story elements such as plot, setting, and character
- Applies knowledge of text features to increase comprehension
- Makes predictions and draws conclusions to understand deeper meaning of text
- Compares and contrasts themes, plots, characters, and settings
- Determines the author's purpose
- Identifies figurative language, such as metaphor, humor, and personification

## Writing

**Uses effective content, organization, and style.**

- Selects a manageable topic and elaborates with specific, relevant details
- Uses personal experiences, observations, and/or research to support opinions and ideas
- Organizes multiple paragraphs on one topic using a logical organizational structure
- Develops a recognizable introduction and conclusion
- Uses language appropriate for audience and purpose
- Uses transition words and phrases to connect ideas within and between paragraphs
- Uses precise words and specialized vocabulary when appropriate for informational writing
- Writes using a variety of sentence beginnings, lengths, and structures



**Uses standard conventions.**

- Knows and applies appropriate grade-level writing conventions
- Applies usage rules (e.g., one child and two children)
- Uses correct spelling in final draft
- Uses paragraph conventions
- Writes legibly and maintains consistency in printing or cursive

## Communication

**Listens and observes to gain understanding.**

- Adapts listening strategies to a wide range of classroom situations
- Listens and records thinking on a graphic organizer to process information



**Communicates clearly and effectively.**

- Uses effective conversation skills to interact and work with others in a variety of classroom situations
- Selects and uses language that is respectful of others' feelings and rights



# Science

**Demonstrates an understanding of scientific concepts and principles.**

- Identifies different forms of energy (e.g., heat, light, sound, motion, or electricity) in a given system
- Connects wires to produce a complete circuit with a battery and at least one other electrical component that produces a change (e.g., light bulb; buzzer)
- Describes the forces of water (and wind) as a major cause of erosion
- Explains how soils form through the processes of rock weathering, plant decay, and by water transport (e.g., rain, rivers, and streams)
- Describes methods people use to reduce erosion
- Gives examples of how plants and animals depend on one another for survival
- Predicts how changes to the ecosystem affect the population of plants and animals that live there



**Classifies, organizes, and makes accurate, written scientific observations.**

- Draws and labels diagrams showing several ways that energy can be transferred from one place to another (e.g., electrical energy through a wire; light energy through space)
- Collects, displays, and interprets data, summarizes results, draws conclusions, and communicates their findings
- Creates a diagram of what goes into a system (input) and what comes out of a system (output)