



School District of Ashland

4th Grade Learner Outcomes

By the end of 4th Grade, students are expected to:

English Language Arts

Reading - Literature

- retells what was read (comprehension)
- summarize a story
- describe character, setting or events of a story
- uses context clues to gain meaning of words
- identifies differences between poems and drama
- crafts and structures different points of view
- makes connections between text and pictures
- compare and contrasts literature with similar themes
- reads and comprehends literature at a 4th grade level

Reading - Informational Text

- explains text using details and examples
- determines main ideas and summarizes text
- explains what happened and why
- determines meaning of words and phrases in grade level text
- identifies the structure of the text (chronological, comparison, cause/effect and problem solving)
- compare and contrast two points of view
- relates visual, oral, or quantitative information to text
- describes how an author's reasons supports specific points in a text
- integrates information from two texts on a topic
- reads and comprehends informational text at a 4th grade level

Foundational Skills

- Know and apply grade level phonics and word analysis skills when decoding s
- read with sufficient accuracy and fluency to support comprehension

Writing

- write opinion paragraphs on topic supporting a point of view with reasons and information
- write information paragraphs to examine a topic and convey ideas and information clearly
- write narrative paragraphs to develop real or imagined experiences or events using effective technique, details and clear event sequences
- produce a rough draft, edit, revise, and produce a final published copy
- research a topic and write about it
- write routinely for a range of purpose and period of time

Language

- demonstrate the conventions of Standard English when writing or speaking (pronouns, verb tense, adjectives, prepositional phrases)
- demonstrate capitalization, punctuation and spelling when writing
- produce complete sentences
- determine the meaning of unknown words using context, word roots, prefixes, suffixes and reference materials
- demonstrate understanding of similes, metaphors, idioms, synonyms and antonyms

Math

Operations and Algebraic Thinking

- solve multi-step word problems with whole numbers using the four operations
- multiply or divide to solve word problems, including problems with remainders
- solve equations with a letter standing for the unknown quantity



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- find all factor pairs for a whole number in the range 1-100
- recognize that a whole number is a multiple of each of its factors
- generate a number or shape pattern that follows a given rule

Number and Operations in Base Ten

- recognize and understand place value in multi-digit whole numbers
- read, write and compare whole numbers using base-ten numerals, number names and expanded form (<,=,>)
- use place value understanding to make reasonable estimates
- fluently add and subtract multi-digit whole numbers
- multiply a whole number of up to four digits by a one digit whole number and multiply two, two-digit numbers
- find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

Number and Operations – Fractions

- recognize and generate equivalent fractions
- compare fractions with different numerators or denominators
- solve problems involving addition and subtraction of fractions and mixed numbers with like denominators
- solve problems involving multiplication of a fraction by a whole number

Measurement and Data

- solve problems involving measurement and conversion of measurements from larger to smaller units within a single system of measurement
- apply area and perimeter formulas for rectangles to solve mathematical problems

- make a line plot to display a data set of measurements including whole numbers and fractions
- measure or sketch angles in whole-number degrees using a protractor
- solve addition and subtraction problems to find unknown angles on a diagram
- select and use appropriate measurement tools and techniques geometry
- draw and identify lines and angles and classify shapes by properties
- classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines
- classify two-dimensional figures having angles of a specified size including right triangles
- identify and draw lines of symmetry in two dimensional figures

Geometry

- draw and identify lines and angles, and classify shapes by properties of their lines and angles
- draw points, lines, line segments, rays, angles (right, acute, obtuse) and perpendicular and parallel lines and identify these in two-dimensional figures
- classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines or the presence or absence of angles of a specified size
- recognize right triangles as a category and identify right triangles
- recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts
- identify line-symmetric figures and draw lines of symmetry



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Science

Earth Science

- name and describe the three types of rocks that make up the earth's crust
- identify and understand earth's layers and surfaces
- recognize types of natural resources and compare renewable resources with non-renewable resources, and explain different ways people can protect earth's natural resources and environment
- distinguish and understand renewable and non-renewable resources

Life Science

- identify and describe basic life processes and that living things are made of cells
- observe and identify cells
- illustrate how energy flows (waves)
- explain how energy flows through the food chain starting with the sun
- discuss what scavengers and decomposers do to help in the recycling of once living things

Physical Science

- show how a complete circuit works by manipulating the different parts
- describe what a magnet is, explain the concepts of magnetic fields and poles, and discover how motors generate electricity
- summarize how sound is created
- describe how light travels and compare and contrast the properties of light
- describe the states of matter and explain how matter changes from one state to the other
- observe, identify and describe physical changes in matter (size, shape and states of)

Social Studies

- identify and use the components of a map including latitude lines, longitude lines,

equator, hemispheres, grid, key or legend, compass rose and scale

- identify and explain how the history of various cultures, including the earliest people, the Ojibwe people, explorers, voyageurs and immigrants in Wisconsin shaped our past
- identify the five land regions of Wisconsin
- Identify Wisconsin landforms

Art

- demonstrate how historical events, culture and society impact works of art
- create artwork that uses principles of design (harmony, unity and rhythm)
- identify connections between the visual arts and other disciplines

Music

- identify the whole note
- demonstrate the half note
- identify the loud and soft music symbols: mp and mf
- identify the music symbol: bass clef
- define the music terms: band, orchestra, choir, ensemble, solo, duet
- identify the letter names for the lines and spaces in the bass clef
- identify the bass clef C position
- demonstrate the treble clef C position
- perform as an ensemble on recorders and keyboards, using known music elements
- perform rhythmic ostinatos on classroom instruments
- participate in age appropriate performance repertoire, with movement, instruments and in a voice matching pitches and blending with the group



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Physical Education

- participate regularly in physical education class for the purpose of maintaining good health
- demonstrate proficiency in throwing, kicking, and catching skills
- identify several health benefits of physical activity
- identify personal fitness strengths and weaknesses to create personal physical activity/fitness goals
- follow activity or game related rules, procedures and etiquette