



School District of Ashland

3rd Grade Learner Outcomes

By the end of 3rd Grade, students are expected to:

English Language Arts

- determine meaning of words/phrases in context
- comprehends text
- analyzes text
- evaluates features of text
- reads appropriate leveled materials independently
- responds to material read
- uses patterns to read and spell new words

Writing

- create or produce writing to communicate with different audiences for a variety of purposes (narrative, persuasive, non-fiction/reports)
- respond to on-demand prompts (given and timed)
- use a variety of strategies in the writing process (prewrite, draft, revise, edit, publish)
- voice-shows personality and feeling in writing
- organization- opening, closing transitions and paragraphing
- writing short answers (constructed response) in math, science, social studies, and/or reading
- applies spelling strategies to all written work (capitalization and punctuation)
- applies proper grammar and word usage to written work
- develops grade level vocabulary

Math

Number and Operations

- count, read, write, and compare numbers up to 1,000
- identify place value up to 1,000 using addition and subtraction
- read, write and model fractions to solve problems
- give equivalent names for four digit whole numbers
- read and write expressions and number sentences using symbols (+, -, =, <, >, X, *, /)

Operations and Algebraic Thinking

- use basic addition and subtraction facts to solve fact extensions, such as $80 + 70$
- add and subtract 3-digit numbers, with and without regrouping
- make reasonable estimates for three digit whole number addition and subtraction problems
- know how to find answers but not memorized multiplication and division facts within 100

Measurement and Data

- use U.S. customary and metric units to measure length to the nearest $\frac{1}{2}$ and $\frac{1}{4}$
- tell time to the nearest minute; tell and write time in digital notation
- describe relationships between minutes and hours
- collect, organize, and display data using tally charts, tables, bar graphs and line plots
- solve problems involving measurement and estimation of interval of time, liquid volumes, and masses of object

Geometry

- perimeter area
- identify three dimensional figures-pyramid, prism, cylinder, cone, and sphere
- draw line segments; identify parallel and intersecting line segments
- identify and draw lines of symmetry

Patterns, Functions and Algebra

- extend number patterns and rules for patterns through 9,999
- read, write and explain expressions and number sentences using symbols (+, -, =, <, >, X, *, /)



3rd Grade Learner Outcomes

Science

Life Science

- list and provide examples of the basic needs living things must have for survival
- identify the roots, stems and leaves of a plant and describe their purpose
- examine and explain why objects are living or non-living

Earth Science

- recognize that rocks are made of one or more minerals
- compare and distinguish the different types and layers of soil
- compile a list of natural resources and explain how each is useful to humans
- identify the three main groups of rocks (sedimentary, igneous, metamorphic)
- differentiate between rocks and minerals based upon their properties

Physical Science

- illustrate the three states of matter
- explain that energy can change back and forth between kinetic and potential energy

Social Studies

- explain how a community's climate, location and resources affect the way people live
- identify and create the basic elements and physical features of maps, globes and atlases
- define the rules, duties and responsibilities of citizens in school and our local communities
- recognize and interpret how the "common good" can be strengthened through various forms of citizen action
- interpret the components of a culture (language, literature, architecture, foods, traditions, behavior) present in a community

Art

- identify specific types of artwork as belonging to a particular culture, time and place

- create artwork that uses principles of design (emphasis, movement, proportion and perspective)

- use subject matter, symbols and ideas to communicate meaning

Music

- identify the half note
- demonstrate the quarter note, two-eighth notes, and quarter rest
- define the loud and soft music symbols: ff, pp, crescendo and decrescendo
- identify these music symbols: staff, treble clef, line note, space note
- identify the letter names for the lines and spaces in the treble clef
- identify the treble clef C position
- analyze music by:
 - distinguishing the difference between beat and rhythm
 - identifying like and different phrases
 - creating movement to a music selection
- name the families of the orchestra: strings, woodwinds, brass and percussion
- categorize the instruments according to the orchestra families
- identify higher and lower pitches by listening
- participate in age appropriate performance repertoire, with movement, instruments and in a voice matching pitches and blending with the group

Physical Education

- participate regularly in physical education class for the purpose of maintaining good health
- demonstrate competency in throwing, kicking, and catching skills
- identify several health benefits of physical activity
- follow activity or game related rules, procedures and etiquette