

# Grade One Mastery Objectives

## LANGUAGE ARTS

### Reading

- Identifies grade appropriate, high frequency words that allow for comprehension
- Identifies content area vocabulary which necessary to work in content areas successfully
- Begins to identify reading vocabulary in various literary forms
- Notes similarities and differences in words
- Uses picture/context clues to identify words
- Matches oral words to printed words
- Accurately decodes words using initial and final consonants
- Accurately decodes words using medial sounds
- Accurately decodes words using initial and final digraphs/blends
- Begins to use vowel combinations in words
- Identifies long and short vowels in words
- Blends sounds to form words
- Creates and states a series of rhyming words, including consonant blends
- Adds, deletes, or changes target sounds to change words (cow to how)
- Uses grade appropriate knowledge of vowel digraphs and r-controlled letter sounds to read words
- Identifies rhymes, rhythm, and patterned structures in children's text
- Identifies compound words
- Identifies plural ending s and es
- Identifies base words
- Understands the use of an apostrophe to show possession
- Identifies and uses singular and plural nouns
- Identifies and uses contractions and singular possessive pronouns
- Uses the context to determine word meaning
- Recognizes the multiple meanings of words
- Uses a variety of strategies to uncover word meaning
- Recalls facts and details of a story
- Sequences events in a story
- Identifies story plot, setting, characters, title
- Identifies and verbalizes the main ideas and theme
- Responds to "who," "what," "when," "where," and "how" questions
- Follows one step written directions
- Predicts what will happen next in stories
- Explains predictions and later determines whether predictions were confirmed
- Draws conclusions about the information that has been read

- Identifies cause and effect relationships
- Asks questions that take into account the selection read
- Compares likenesses and differences between literary selections
- Distinguishes between fiction and nonfiction
- Distinguishes between sense and nonsense
- Synthesizes literary experience through drawing, drama, etc.
- Makes judgments about story characters and events
- Begins to distinguish between fact and opinion
- Determines author's purpose
- Interprets characters' feelings
- Relates story to personal experience
- Recognizes humor in stories and poetry
- Recognizes how particular authors use vocabulary and language to develop an individual, recognizable voice

### **Listening**

- Exhibits age-appropriate attention span
- Listens for specific information
- Identifies purpose for listening
- Recalls information orally read
- Is a courteous listener and appreciates the contribution of other group members
- Follows three-step oral directions
- Knows personal preferences for listening to literature and other material
- Understands the main idea or theme in a non-print communication
- Understands simple nonverbal cues

### **Speaking**

- Contributes to group discussions to express views and solve problems
- Contributes personal experiences or knowledge of a subject when prompted
- Uses appropriate vocabulary
- Speaks in complete sentences
- Uses varied sentence forms
- Stays on topic when speaking
- Uses descriptive words when speaking about people, places, things, and events
- Asks questions for clarification, understanding, and further explanation of other's ideas
- Uses eye contact and appropriate gestures to enhance oral delivery
- Recognizes the difference between less formal language and formal language
- Begins to understand that word choices can shape ideas, feelings, and actions
- Knows various types of mass media
- Tells and retells stories and events through discussion or role play

- Reads orally with appropriate grade level fluency

## **Writing**

- Writes grammatically correct sentences
- Spells age-appropriate high frequency words located within grade level appropriate text
- Begins to use personal and possessive pronouns correctly
- Demonstrates beginning understanding of subject-verb agreement
- Uses the following parts of speech correctly: noun and action verb
- Begins to use commas, quotation marks, and exclamation points
- Demonstrates capitalization skills for pronoun "I," people's names, and beginning of sentences
- Leaves correct space between words and lines
- Uses pictures and/or text to express ideas
- Begins to choose own ideas for personal experiences
- Writes two or more sentences that focus on a single topic
- Participates in group writing activities
- Uses a simplified version of beginning, middle, and end for stories
- Begins to describe personal experiences
- Begins to use vocabulary from literature
- Uses words from environmental print
- Experiments with sensory words
- Experiments with strong verbs
- Begins to be aware of sentence beginnings
- Begins to apply appropriate use of connecting words
- Prepares text that is legible
- Includes first and last name and date on work
- Writes for self, teacher, or other personally known audience
- Reads writing with others
- Creates text for invitations, thank you notes, captions, labels
- Writes in a variety of forms, poems, journals, stories, narratives, letters, lists, descriptions
- Writes name, address, and phone number
- Role plays ways people use writing in their work
- Shows an awareness of audience
- Uses pictures to express ideas
- Uses brainstorming activities to create ideas with class
- Discusses ideas with others
- Uses mapping to organize thoughts
- Independently thinks of a topic and generates three or more related ideas
- Begins to organize ideas using prewriting activities
- Uses own drawing, writing, and spelling to create text
- Focuses on content, not convention

- Reads orally to self to check for clarity
- Shares work with others
- Begins to use peers for focused revision with modeling
- Adds to text, with guidance from teacher
- Conferences with teacher
- Adds missing or necessary words
- Accepts help with editing
- Begins to correct capitalization and punctuation independently
- Begins to correct recurring errors in spelling of grade level words
- Selects best work for publishing by partnering with teacher
- Works collaboratively to plan and publish a combined work
- Begins to offer positive feedback on the writing of peers
- Reviews writing of authors with teacher to analyze effective writing
- Listens while others share

## **Math**

- Counts, reads, and writes numerals to 1000 or more and identifies the place value of each digit
- Counts to 1000 or more by 2's, 5's and 10's and counts backwards using a variety of methods, such as mental mathematics, papers and pencil, hundred chart, calculator, concrete objects, and coins in various increments
- Understands and uses ordinal numbers 1<sup>st</sup>-20<sup>th</sup> or higher
- Explores place value relationships using models, words, number, and expanded form
- Compares and orders whole numbers to 1000 using symbols, concrete materials, and words
- Rounds two-digit numbers to the nearest 10
- Identifies numbers as odd or even
- Recalls basic addition and subtraction facts to 18 or less
- Uses mental math to find the sum or difference of two-digit numbers
- Estimates, adds, and subtracts, with or without regrouping, two- and three-digit numbers to calculate the sum or difference using various computation methods
- Understands and uses the inverse relationship between addition and subtraction to solve problems and check solutions
- Uses repeated addition, arrays, and counting by multiples to solve multiplication problems
- Knows the multiplication facts for the 2's, 5's, and 10's
- Uses repeated subtraction, equal sharing and equal groups with remainders to solve division problems
- Recognizes, names, and compares fractions from  $\frac{1}{4}$  to  $\frac{1}{12}$
- Identifies and writes parts of a set or region that represent fractions ( $\frac{1}{2}$  to  $\frac{1}{12}$ ) and understands that equal parts make a whole
- Uses estimation strategies to solve problems
- Uses technology to explore math skills

- Recognizes, describes, creates, and extends a variety of patterns using numbers, pictures, and objects
- Uses commutative and associative properties to simplify mental calculations and checks results
- Represents and analyzes mathematical situation and structures using algebraic symbols
- Identifies missing addends, numbers to be added, and subtrahends, numbers to be subtracted, in problems
- Solves a variety of number sentences with equalities and inequalities
- Determines questions for a survey with two or more categories, collects and records the data, represents the data on charts and/or graphs, and interprets and presents the data
- Uses mathematical language to read and interpret data on simple bar graphs, picture graphs, and charts
- Constructs a graph using computer software
- Identifies parts of data such as the mode and range
- Records data from experiments and predicts which event is most likely to occur based on the data
- Solves problems and justifies the procedures and the reasoning used
- Identifies, describes, sorts, compares, and contrasts one-, two-, and three-dimensional figures using appropriate mathematical language of their attributes
- Recognizes and represents shapes from different perspectives
- Identifies and creates symmetric figures using a line of symmetry
- Explores slides, flips, and turns and predicts the reflection of a given two-dimensional shape using concrete materials
- Identifies congruent shapes and manipulates them to create other figures
- Locates and identifies the coordinate points of objects on a coordinate grid
- Estimates and measures length by selecting appropriate units of measurement, either standard or nonstandard units
- Uses different units to measure objects and compares and contrasts the measurements
- Counts and compares coins and determines the value of money using pennies, nickels, dimes, quarters, half-dollars, and dollars
- Uses the decimal notation and the dollar and cent symbols for money
- Solves problems using bills and coins
- Uses digital and analog clocks to tell and write time to the nearest quarter-hour
- Calculates the duration of time in hour intervals
- Understands relationships of time and uses calendar and time language appropriately
- Estimates and measures the distance around a figure to determine the perimeter
- Estimates and calculates area by counting the number of squares needed to cover a set area
- Estimates and determines volume using materials such as cubes to fill a box
- Estimates and weighs objects in pounds and kilograms using a scale
- Uses measuring devices to measure and compare liquid volume in metric and customary units

- Demonstrates an understanding of temperatures by reading temperatures on Fahrenheit and Celsius thermometers to the nearest 10 degrees and calculating differences in temperature

## Science

- Identifies the following landforms: mountain, hill, plain, valley
- Explores the process of erosion
- Describes how rocks weather to form soil
- Understands that soil is made from a combination of weathered rocks and organic materials
- Observes and explains how/why soils differ in color, texture, capacity to hold water, and ability to support the growth of plants
- Understands that fossils provide evidence of plant and animal life from long ago
- Knows that the majority of the Earth is covered in water
- Understands that there are various types of bodies of water
- Explains how rock, water, plants, and soil provide many resources including food, fuel, and materials for shelter
- Defines rotation
- Defines revolution
- Explains how seasons affect plants and animals
- Understands the importance of measuring and recording weather data
- Knows that plants need water and light to survive
- Identifies and describes purpose of various plant parts
- Understands that plants and animals go through distinctive life cycles
- Identifies the stages of a fruit-producing plant
- Identifies the life cycle stages of an insect
- Understands that plants and animals produce offspring with similar characteristics
- Understands that basic structural characteristics of plants and animals are used to classify them
- Understands that there is an interdependency of plants and animals that can be shown in a food web
- Knows that animals can affect the germination, growth, and development of plants
- Understands how plants and animals have adapted through time
- Identifies how plants and animals have adapted to meet the demands of their environment
- Defines matter
- Understands and gives examples of various properties of matter
- Classifies objects according to similarities and differences in properties
- Explains the observable properties of the various states of matter
- Knows that heating and cooling of matter can change its state
- Knows that heat can be produced in a variety of ways
- Understands that the majority of the Earth's energy is provided by the sun
- Understands that light is a source of energy
- Explains how light and heat move

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- Understand that the position of an object can be described by locating it in relation to another object
- Defines motion
- Describes an object's motion by recording the change in position over time
- Explores friction
- Explains how machines are used in our daily lives
- Defines attraction and repulsion
- Lists important applications of magnetism
- Explains how sound is made
- Defines and explores pitch and volume
- Knows that when tests are repeated under the same condition, similar results are usually obtained
- Understands that one can gain confidence in scientific methods by comparing and verifying scientific results with others
- Knows that some objects occur in nature, whereas others have been designed and made by people to solve human problems
- Compares and contrasts natural and man-made objects
- Analyzes information to make predictions, makes sketches and diagrams to explain ideas, and draws conclusions using information and prior knowledge

### **Social Studies**

- Compares current communities with past communities
- Interprets information presented in picture timelines
- Creates a personal timeline
- Distinguishes between past and present
- Compares the similarities and differences among the lives and activities of historical figures who have influenced the community, state, and nation
- Recognizes the ways in which they are all part of the same community, sharing principles, goals, and traditions despite a varied ancestry; recognizes the forms of diversity in their school and community; and the benefits and challenges of a diverse population
- Understands the ways in which American Indian and immigrants have helped define the culture in America
- Compares the beliefs, customs, ceremonies, traditions, and social practices of varied cultures, drawing from folklore
- Constructs a simple map of a familiar area incorporating map symbols
- Compares and contrasts the relative location of people, places, and things
- Locates land and water on a map
- Interprets simple map symbols

- Locates places of significance on maps and globes, such as the United States and the state they live in
- Uses maps, pictures, and stories to compare the geography of the local community with that of other communities, the United States, and the world
- Compares the information that can be derived from a three-dimensional model to the information that can be derived from a picture
- Describes how climate, location, and physical surroundings affect housing choices
- Knows areas that can be classified as regions according to physical criteria
- Understands the similarities and differences between life in cities, towns, suburbs, and farms
- Explores the patterns of human settlement and their causes
- Identifies examples of goods and services
- Understands the concept of scarcity
- Understands the concept of exchange and the use of money to purchase goods and services
- Identifies different ways to save money
- Classifies products and services as wants or needs
- Identifies characteristics of citizenship within the classroom: fair play, helping others, treating others with respect
- Identifies others in classroom who demonstrate good citizenship
- Identifies certain historic figures as people who exemplify good citizenship
- Recites the Pledge of Allegiance and sings songs that express American ideals
- Understands the significance of national holidays and the heroism and achievements of the people associated with them
- Identifies American symbols, landmarks, and essential documents, such as the American flag, bald eagle, Statue of Liberty and Liberty Bell, and knows the people and events associated with them
- Understands the importance of rules and laws
- Gives examples of rules and laws
- Identifies national leaders
- Describes the responsibilities of authority figures in the home, school, and community

## **PE/Wellness**

- Predicts consequences of various health related behaviors
- Demonstrates correct hand-washing technique
- Describes events/situations which should include hand washing
- Demonstrates appropriate behaviors for entering or crossing a street or road
- Understands the importance of playground, school bus, and school ground safety rules
- Demonstrates how to make emergency phone calls
- Identifies firefighters and other law enforcement or rescue personnel by their appearance
- Identifies dental emergencies and how to get help
- Identifies risks of incorrect use of medicines

- Understands school rules regarding use of medicines and substances
- Knows never to touch needles/syringes or containers for alcohol or tobacco
- Understands harmfulness of alcohol abuse
- Explains that feelings are normal and acceptable
- Identifies the relationship between feelings and behaviors
- Differentiates between healthy and unhealthy expressions of feelings
- Identifies behaviors controlled by self
- Respects the rights of others
- Describes ways of resolving conflicts without fighting
- Explains the differences between the acceptability of feelings and acceptability of behaviors
- Understands that different people have different abilities
- Understands why it is important to play and cooperate with a partner regardless of personal differences such as gender, skill level, or ethnicity
- Understands the importance of cooperation with a partner in working together to complete an assigned task
- Understands the importance of resolving conflicts in socially acceptable ways
- Discusses how foods of the Food Guide Pyramid are needed for growth and health
- Selects healthy snacks for teeth and body from the Food Guide Pyramid
- Recognizes physical signs of hunger and satiety