



THIRD GRADE Learning Objectives for Language Arts



READING AND LITERATURE

The learner will

- ☑ employ a variety of comprehension strategies before, during and after reading to monitor and improve understanding.
- ☑ use prediction to set purpose for reading.
- ☑ compare/contrast according to similarities and differences.
- ☑ develop understanding of author and main characters' viewpoints.
- ☑ determine main idea and supporting details, use information from text to make inferences.
- ☑ draw conclusions and make judgments.
- ☑ integrate information from other sources to deepen understanding of a topic (background knowledge).
- ☑ visualize characters, settings and events from text description.
- ☑ understand the cause and effect relationship.
- ☑ understand story structure and text organization, categorize and classify details/facts from a text.
- ☑ skim and scan when selecting a book or seeking information.
- ☑ summarize and re-tell story events in sequential order.
- ☑ participate in guided reading groups and literacy circles.
- ☑ demonstrate understanding of the difference between fact vs. opinion, fantasy vs. realism.
- ☑ make connections using prior knowledge (text-to-self, text-to-other text, or text-to-world).
- ☑ utilize a variety of decoding strategies: use meaning and word structure clues to decode text and increase vocabulary, self-correct for meaning, use letter/sound clues and patterns to decode unknown words, utilize text organizers and structure to gather information and decode (table of contents, captions, glossary, index, subtitles), begin to identify and interpret literary devices, e.g., similes, metaphors, personification, flashback, foreshadowing.
- ☑ recognize and know grade level high frequency words.
- ☑ improve phonemic awareness: review and practice understanding of special consonants, consonant blends and digraphs, review knowledge of short and long vowel sounds, as well as vowel digraphs, analyze words according to word parts, namely syllables, suffixes and prefixes, identify and utilize word relationships to improve reading and writing, such as contractions, synonyms, antonyms, homonyms, compound words and multi-meaning words, develop understanding and use of abbreviations.
- ☑ read and understand the following genre: narrative (fiction/non-fiction), biography/autobiography, historical/realistic fiction, poetry, newspapers, fables, myths, legends, folktales, expository and personal correspondence.
- ☑ follow multi-step written/oral directions independently.
- ☑ begin to develop strategies and criteria for selecting reading materials.
- ☑ read challenging children's literature for extended periods.
- ☑ generate thoughtful responses to prompts and literature.
- ☑ read aloud with fluency, expression and confidence.
- ☑ plan and perform formal and informal presentations of selected text for an audience.

WRITING AND GRAMMAR

The learner will

- ☑ develop and use a 5-step writing process to produce variety of text forms: friendly and business letters, short research paper, poetry, personal and fictional narratives, descriptions, how-to writing, story summaries, cartoons, simple persuasive.
- ☑ understand and write for a variety of purposes, such as self-expression, to tell a story, to request information or service, to inform or explain, to give directions, to explain one's thought process, to question.
- ☑ write for a variety of audiences.
- ☑ use the six-traits of good writing for creation and assessment: ideas/content, organization, voice, word choice, sentence fluency and conventions.
- ☑ develop use of critical thinking skills and development of text through the use of graphic organizers.
- ☑ form, define, explain and use their own standards or judgments of quality to assess products.
- ☑ recognize, identify and use the following parts of speech: nouns, verbs, pronouns, adjectives and adverbs.
- ☑ develop and use knowledge of correct punctuation and grammar such as end marks, quotation marks, parentheses, apostrophes, commas, capitalization, subject/verb agreement.
- ☑ construct and use sentences of varied type (declarative, interrogative, imperative and exclamatory) and varied lengths (simple, compound, complex).



THIRD GRADE Learning Objectives for **Language Arts**



WRITING AND GRAMMAR

The learner will

- spell words correctly in context using multiple strategies and resources.
- write legibly in manuscript handwriting.
- expand abilities in cursive handwriting.

SPEAKING AND LISTENING

The learner will

- retell, paraphrase and explain what has been said by a speaker.
- connect and relate prior experiences, insights and ideas to those of the speaker.
- respond to questions with appropriate elaboration.
- identify and begin to use the musical elements of literary language (rhymes, repeated sounds, onomatopoeia).
- demonstrate a command of standard English and organizational and delivery strategies.
- organize ideas chronologically or around major points of information.
- provide a beginning, a middle and an end, including concrete details that develop a central idea.
- use clear and specific vocabulary to communicate ideas and establish the tone.
- clarify and enhance oral presentations through the use of appropriate props (pictures, charts, etc.).
- compare/contrast ideas and points of view expressed in broadcast and print media.
- follow multi-step oral directions.
- distinguish between the speaker's opinions and verifiable facts.
- plan and perform readings and interpretations of selected text for an audience using clear diction and voice quality (volume, tempo, pitch, tone) appropriate to the selection.

STUDY SKILLS/RESEARCH METHODS

The learner will

- maintain a homework folder/project journal.
- organize and maintain an effective personal cubby and mailbox.
- set and work toward personal goals and deadlines.
- begin to use the library for specific purposes as well as for browsing.
- begin to develop understanding of library systems.
- alphabetize words to the third letter.
- read and follow multi-step oral/written directions.
- practice effective note-taking skills.
- utilize reference materials: dictionary, encyclopedia, computer, atlases, thesauruses, newspapers, tables, charts, glossaries and index to access information.



THIRD GRADE Learning Objectives for **Mathematics**



NUMBER SENSE

The learner will

- ☑ count, read, write, compare and order whole numbers to 100,000.
- ☑ identify place value for each digit in numbers to 100,000.
- ☑ round numbers to the nearest 10, 100 and 1000.
- ☑ use expanded notation to represent numbers, e.g., $326 = 300 + 20 + 6$.
- ☑ exhibit beginning understanding of the base ten number system.
- ☑ determine even and odd numbers.
- ☑ skip count by 2, 5, 10, 25, 100, 1000.
- ☑ describe numbers according to equality or inequality ($<$, $>$, $=$).
- ☑ use a number line to represent positive numbers, negative numbers and net change.
- ☑ represent mixed numbers.
- ☑ begin to read, write and identify fractions, decimals and percents.
- ☑ compare fractions represented by drawing or models to show equivalency.

COMPUTATION

The learner will

- ☑ demonstrate quick recall of addition and subtraction facts through 18 (fact families).
- ☑ find the sum or difference of two whole numbers between 0 and 100,000.
- ☑ develop and solve word problems utilizing addition, subtraction, multiplication and division.
- ☑ recognize and use commutative and associative properties, as well as the inverse relationship of addition/subtraction, multiplication/division to check computation.
- ☑ estimate to check exact answers.
- ☑ learn and memorize the multiplication and division facts through 1 and 10 (fact families).
- ☑ solve problems involving multiplication of multi-digit numbers by one-digit numbers.
- ☑ solve problems involving division of multi-digit numbers by one-digit numbers with and without remainders.
- ☑ understand the special properties of 0 and 1 (identity) in multiplication and division .
- ☑ begin to solve problems using parentheses.
- ☑ determine factors and multiples of whole numbers.
- ☑ add and subtract simple fractions.
- ☑ represent mixed numbers.
- ☑ perform operations involving numbers with decimal notation.
- ☑ understand the equivalency relationship between fractions and decimals.
- ☑ analyze problems by identifying relationships, distinguishing relevant from irrelevant information, sequencing and prioritizing information and observing patterns.
- ☑ use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams and models to explain mathematical reasoning.
- ☑ make precise calculations and check the validity of the results from the context of the problem.

ALGEBRA

The learner will

- ☑ solve simple missing digit problems for addition, subtraction, multiplication and division.
- ☑ understand that a missing digit can be represented by a shape or a letter.
- ☑ write the answer to a missing digit problem correctly, example: $n=5$.
- ☑ identify and describe patterns.



THIRD GRADE Learning Objectives for **Mathematics**



GEOMETRY

The learner will

- ☑ identify, describe, classify and construct plane shapes/2-D shapes/polygons and polyhedrons.
- ☑ identify, describe, classify and construct solid shapes/3-D geometric objects.
- ☑ explain plane and solid shapes according to their parts (angles, line segments, vertices, edges, faces).
- ☑ classify angles as right, obtuse, or acute.
- ☑ begin to identify measurement for simple turns in degrees (45, 90, 180, 360).
- ☑ describe shapes according to concepts of symmetry, similarity and congruence.
- ☑ distinguish linear relationships (line segment, rays, intersecting, parallel, perpendicular).

MEASUREMENT

The learner will

- ☑ tell time to minute using 12 or 24 hour clock.
- ☑ represent time in digital and analog format.
- ☑ solve problems involving elapsed time.
- ☑ read and use a calendar.
- ☑ recognize and know values for coins and bills of local Rand and U.S. dollar currency.
- ☑ represent monetary amounts using correct notation and symbols.
- ☑ count and identify mixed currency amounts to \$20.00.
- ☑ use money to make a purchase and change accurately.
- ☑ solve simple currency exchanges using multiplication and division.
- ☑ understand and use non-standard and standard measures (customary and metric).
- ☑ choose appropriate tools and units to estimate and measure given objects.
- ☑ carry out simple unit equivalency conversions within a system of measurement, e.g., cm to m, hours to minutes.
- ☑ find the perimeter, area and volume.
- ☑ utilize appropriate tools and units to measure given objects or distances to 1/4 inch and millimeter accuracy.
- ☑ measure and compare weights of given objects using ounces, pounds, grams and kilograms.
- ☑ tell temperature using Celsius and Fahrenheit scales.
- ☑ use temperature readings to describe conditions in everyday terms.

STATISTICS AND GRAPHING

The learner will

- ☑ predict, record and identify whether outcomes are certain, likely, unlikely or improbable, e.g., spinner.
- ☑ formulate questions, collect and organize data using observations, measurements, surveys, or experiments.
- ☑ identify and construct appropriate ways to display data (tally chart, tables, bar graph, pictographs, line graph).
- ☑ read, interpret, respond and develop questions from a table, graph or chart.
- ☑ graph points on a coordinate plane.
- ☑ recognize the four planes of a coordinate plane (negative and positive numbers).
- ☑ describe a point on a coordinate plane as a set/pair of coordinates.



THIRD GRADE Learning Objectives for **Science**



INQUIRY PROCESS

The learner will

- create a system of variables that is completely under user control, provoking researchable and productive questions that the learner can gather evidence to answer.
- discover steps of scientific process.
- use graphs to record data.
- set limitations for research.
- understand concept and the change of a variable on a system.
- organize large amounts of data into charts and graphs.
- effectively use data to draw conclusions and theories.
- organize data and communicate conclusions into class oral presentation and written reports.
- plan and implement experimental investigations.
- formulate testable hypotheses.
- collect information by observing and measuring.
- analyze and interpret information.
- construct reasonable explanations.

LIFE SCIENCE

The learner will

- investigate how animals exhibit a variety of shapes and structures that enable them to survive in their environments.
- develop understanding of how scientists use characteristics of cells and body structures to group animals.
- examine how animals exhibit a variety of behavioral adaptations, both defensive and social, that help them survive.
- investigate how animals' offspring grow and change.

PHYSICAL SCIENCE

The learner will

- define a force as a push or pull that can be measured.
- investigate how all movement is caused and affected by various forces.
- construct simple and compound machines as devices used to change the direction or magnitude of a force.
- define and investigate the properties of air.
- use concept of non powered flight to show that the movement of air around certain objects causes them to fly.
- use concept of powered flight to illustrate that machines can be used to move the air around objects, causing them to fly.
- analyze how thrust causes rockets to move through the air.

EARTH SCIENCE

The learner will

- measure specific atmospheric conditions and observations of patterns to enable people to make weather predictions.
- understand that air is matter and therefore has properties that are observable.
- identify human activities that pollute the air and as a result many of Earth's ecosystems.
- investigate how freshwater ecosystems vary in configuration and in the types of organisms found there.
- observe how living things adapt to an environment and utilize it for survival.
- understand how changes in an ecosystem's physical characteristics affect the organisms that live there.
- identify how human and natural events can affect an ecosystem and its organisms.



THIRD GRADE Learning Objectives for **Social Studies**



HISTORY

The learner will

- understand human influence in shaping communities, states and nations.
- understand the origins and significance of customs, holidays, celebrations and landmarks in the community, state, nation and world.
- understand how various sources provide information.
- understand how human needs, ideas, issues and events influence past and present.
- understand that the past influences the present.

CULTURE AND CIVICS

The learner will

- understand good citizenship.
- understand state, region and national identities.
- understand the freedoms, rights and responsibilities of citizens.
- understand democratic principles.
- understand social groups and institutions.
- understand similarities and differences among people.
- understand how the arts express cultural heritage.

ECONOMICS

The learner will

- understand how scarcity of resources leads to economic choice.
- understand markets and prices.
- understand economic patterns and systems.

GEOGRAPHY

The learner will

- understand and use geographic tools to collect, analyze and interpret information.
- understand and use cardinal and intermediate directions.
- understand and identify features of a globe.
- understand, use and create maps.
- understand and use map symbols (land & water forms, symbols, key and legend, compass rose, borders, scale and distance).
- understand and use special purpose maps (historical, political, physical, climate and product and resource map).
- define and understand concepts of location, place, human-environment interactions, movement and region.

SOCIAL AND POLITICAL SYSTEMS

The learner will

- identify important people and events in history and explain their roles in the development of the government.
- identify the executive, legislative and judicial branch of the U.S. government and describe their functions.
- describe the systems of checks/balances in the federal government.
- describe how power is shared between the federal government and the states.
- describe experiences that are part of leadership in a democracy that helps people live and work together.
- explain the concept of separation of church and state.