



# SECOND GRADE Learning Objectives for Language Arts



## READING AND LITERATURE

### The learner will

- ☑ develop a variety of comprehension strategies before, during and after reading to monitor and improve understanding: compare/contrast characters, events and details of a story, use prior knowledge, self-questioning, predict what will occur next in a story, use information to generalize.
- ☑ use text-to-self, text-to-text and text-to-world connections when discussing a story.
- ☑ identify the main idea & details of a story.
- ☑ identify story elements, i.e., characters, setting, events, problem, solution.
- ☑ infer meaning of words based on the storyline.
- ☑ summarize story events.
- ☑ distinguish between facts and opinions.
- ☑ sequence the events of a story.
- ☑ recognize the different points of view of each character.
- ☑ understand how character actions affect the plot.
- ☑ distinguish between fantasy and realism.
- ☑ use context and picture clues to decode unfamiliar words.
- ☑ use phonics to master the identification of initial, medial and final consonants.
- ☑ use phonics to master the classification of long vowels and short vowels.
- ☑ build their knowledge of compound words, words with –le, the hard and soft g, Y as a vowel and R-controlled vowels.
- ☑ extend their knowledge of contractions, suffixes, prefixes, endings, blends, vowel pairs, vowel digraphs, diphthongs and prefixes.
- ☑ begin to explore categorize synonyms, antonyms and homonyms.
- ☑ know a grade appropriate number of high frequency words.
- ☑ take part in reading activities that explore the genres of poetry, non-fiction narratives, legends/folklore, informational texts, fictional narratives, personal correspondence and periodicals.
- ☑ participate in guided reading groups.
- ☑ read with fluency in phrases and in a natural tone of voice.

## WRITING AND GRAMMAR

### The learner will

- ☑ extend his/her letter writing skills and write letters that include the five basic parts of a letter; the heading, greeting, body, closing and signature.
- ☑ write stories with a beginning, middle and end.
- ☑ have exposure to writing friendly letters, thank you letters, business request letters, individual request letters and friendly business letters.
- ☑ correctly address an envelope.
- ☑ take part in writing activities that explore autobiography, fiction, paragraph writing, guided research paper, magazine/newspaper article, personal narrative, poetry and journal writing.
- ☑ develop his/her skills of writing poetry focusing on the use of rhyming couplets, haiku, non-rhyming poems and makes-me-think of poems.
- ☑ use the ideas developed in the six-trait writing rubric to create and assess written text.
- ☑ define and identify singular and plural nouns, verbs, comparative and superlative adjectives, adverbs and pronouns.
- ☑ classify sentences as declarative, interrogative, imperative or exclamatory.
- ☑ write complete and simple sentences that appropriately make use of subject and predicate.
- ☑ use and identify punctuation including the period, comma, exclamation point, apostrophe, question mark and quotation marks.
- ☑ capitalize the beginning of each sentence and proper nouns.
- ☑ use spelling strategies including structural clues of letter/sound, rhymes, mnemonics, environmental clues, word wall and building words to correctly spell words.
- ☑ review letter formation and print legibly using manuscript handwriting.
- ☑ begin to learn the formation of the capital and lowercase cursive letters.
- ☑ identify and use the present and past tense.
- ☑ write for a variety of purposes and audiences.



# SECOND GRADE Learning Objectives for **Language Arts**



## **SPEAKING AND LISTENING**

### **The learner will**

- ☑ speak with appropriate subject/verb agreement, appropriate tone and intonation and appropriate use of complex conjunctions.
- ☑ speak in front of others to deliver presentations, reports and entertain.
- ☑ engage in substantive conversation.
- ☑ tell and retell stories.
- ☑ plan and deliver presentations or reports and read aloud.
- ☑ respond to multiple text types.
- ☑ listen to three and four step directions as they are given, restate them and then follow them.
- ☑ listen to a speaker while demonstrating appropriate eye contact, attention and support.
- ☑ listen and summarize ideas through discussion, drawing and journal writing.

## **STUDY SKILLS/RESEARCH METHODS**

### **The learner will**

- ☑ begin to use a dictionary for reference, recognizing the format of alphabetical order, guide words, entry words and word definitions.
- ☑ locate and know the purpose of a table of contents, cover, title page, dedication and about the author.
- ☑ understand and use graphic organizers including Venn diagrams, webs and KWL charts with teacher guidance.
- ☑ demonstrate personal organization skills through managing his/her homework folder, cubby and mailbox.
- ☑ use globes, maps, charts, graphs and a calendar.
- ☑ choose appropriate level books to read for pleasure.
- ☑ begin understanding library systems with guidance.



# SECOND GRADE Learning Objectives for **Mathematics**



## NUMBER SENSE

### The learner will

- strengthen and master the ability to say and write numbers to 1000.
- examine and demonstrate the use of “carrying”, “borrowing” and “regrouping” in addition and subtraction of two and three-digit numbers through the use of base ten block manipulatives as well as pencil and paper methods.
- categorize and write the digits of a number according to the appropriate place value classification (ex.  $2,173 = 2$  thousands, 1 hundred, 7 tens and 3 ones).
- determine even and odd numbers.
- skip count by 2's, 5's, 10's, 25's, 50's and 100's.
- identify relationships of numbers as greater than, less than or equal to.
- round to the nearest 10.

## COMPUTATION

### The learner will

- correctly determine the product of sums and differences to 18, two-digit and three-digit problems.
- begin to explore multiplication facts up to the 5's.
- explore and have an introduction to the concepts of division.
- discover and classify fractions including whole, halves, thirds and fourths.
- examine and demonstrate the use of “carrying”, “borrowing” and “regrouping” in addition and subtraction of 2 and 3-digit numbers through the use of base ten block manipulatives as well as pencil and paper methods.
- estimate numbers and equal parts.
- solve problems using data from a story.
- recognize the commutative, associative and inverse relationships of addition and subtraction.

## MEASUREMENT

### The learner will

- identify and write the days of the weeks, months and year.
- develop a sense of how long a minute is.
- read and write time to the hour, half hour and quarter hour.
- represent time in digital and analog form.
- have exposure to local currency systems.
- identify value and count amounts of dimes, nickels, pennies and quarters.
- identify amounts equivalent to a half dollar.
- determine if set of coins has same value as a dollar.
- count and determine the value of a given set of coins.
- explore relationships between cups, pints and quarts.
- estimate weight as more than, less than or equal to a pound or kilogram.
- explore the capacity of a liter.
- estimate and measure length using non-standard units (paperclips, a bit of yard, a finger's length, etc.).
- estimate and measure length to the nearest inch and foot.
- estimate and measure length using centimeters and meters.
- introduce scales of temperature (C and F).
- introduce concepts of perimeter and area.

## ALGEBRA

### The learner will

- identify, make and duplicate/extend patterns.
- complete missing number equations.



# SECOND GRADE Learning Objectives for **Mathematics**



## **GEOMETRY**

### **The learner will**

- identify the 3-D shapes of a cube, rectangular prism, cone, sphere and cylinder.
- identify the different parts of 3-D shapes including the faces, corners and edges.
- recognize congruency in 3-D shapes and plane figures.
- determine the line of symmetry in 3-D shapes and plane figures.

## **STATISTICS AND GRAPHING**

### **The learner will**

- identify points on a coordinate plane (grid).
- use information to make and interpret bar graphs and pictographs.
- know how to read a tally charts as a count/number.
- make, count and use tally marks.
- predict, record and identify whether outcomes are certain, likely, unlikely, or improbable.



# SECOND GRADE Learning Objectives for **Science**



## **INQUIRY PROCESS**

### **The learner will**

- use one or more of the senses to note details; both directly and through the use of instruments.
- identify common and distinguishing characteristics among objects or events.
- make qualitative observations, using both standard and non-standard measures.
- transmit observable data or ideas visually, orally, or electronically.
- use one or more criteria to categorize objects or events.
- estimate and/or describe the relationship of moving and/or non-moving objects or events to one another.
- anticipate outcomes of future events, based on patterns of experience.
- use logic to draw conclusions based on observations.
- create physical or mental representation of processes or structures.
- make predictions, inferences and hypotheses from a set of data.
- pose a testable explanation for observations or events and state it as the expected outcome of an experiment.
- design and carry out procedures for testing hypotheses under conditions in which variables are controlled or manipulated.

## **LIFE SCIENCE**

### **The learner will**

- identify climates, features and living things associated with the forest, rain forest, ocean and desert.
- observe that pollution problems are caused by people and can be solved and/or prevented.
- learn about the terms and concepts behind the phrase “reduce, reuse and recycle.”
- develop an awareness of their personal use of the Earth’s natural resources and learn about methods of conservation.

## **PHYSICAL SCIENCE**

### **The learner will**

- discover that matter has properties that can be observed.
- conclude that matter can change shape without changing properties.
- infer that heat affects matter.
- observe that matter can be mixed.
- identify that water can be in the form of a solid, liquid or gas.
- conclude that color is visible when light is present.
- observe that colors can be mixed to make other colors.
- determine that shadows are created when an object blocks light.
- observe that shadows change position as the Earth rotates.
- identify the characteristics and production of sound.
- discover that sound is produced by vibrations and its pitch and loudness can be controlled.

## **EARTH SCIENCE**

### **The learner will**

- explain that landforms are changed by water and wind over time.
- determine that over time living things have become extinct.
- recognize that some living things are endangered.
- discover that fossils are preserved remnants or impressions of past life.
- classify dinosaurs by names and types.
- understand that dinosaurs were living things on Earth long ago.



# SECOND 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 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.

## **GEOGRAPHY**

### **The learner will**

- understand and use geographic tools to collect, analyze and interpret information.
- understand and use cardinal and intermediate directions.
- identify the equator on a globe.
- understand and use maps.
- understand and use map symbols (land & water forms, symbols, key and legend, compass rose, borders, scale and distance).
- 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 the history and explain their roles in the development of the government.
- identify the executive, legislative and judicial branch of the US 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.