

# CURRICULUM GOALS

## FOR

### GRADE 2

## GENERAL STUDIES

Second grade continues to expand and develop basic foundation skills in all academic areas. Students will begin to use these skills to seek knowledge more independently.

#### **Integrated Reading/Language Arts**

*The second grade student should:*

- ✓ Use word analysis strategies to decode text (knowledge of phonics, syllabication, context).
- ✓ Use phonetic and contextual clues in order to determine the meaning of unfamiliar words.
- ✓ Read grade level material with fluency and expression.
- ✓ Be exposed to a variety of literary genre including: realistic fiction, fiction, nonfiction, biography and poetry.
- ✓ Demonstrate comprehension of a story through oral and written responses.
- ✓ Identify main idea and supporting details of stories, sequences of events, and cause and effect.
- ✓ Use illustrations, context clues and outside resources to enhance comprehension.
- ✓ Recognize the basic elements of a story: character, setting, plot, events, conflict or problem and resolution.
- ✓ Be able to summarize.
- ✓ Distinguish between fantasy and reality in text.
- ✓ Recognize fact vs. opinion.
- ✓ Recognize basic grammatical elements such as: subject/predicate, parts of speech (nouns, verbs, adjectives), structural elements of words, (prefixes, suffixes and base words), pronouns, possessives, compound words and inflectional endings.
- ✓ Use a variety of graphic organizers to enhance comprehension or prepare for writing. These will include: webs, Venn diagrams, charts and mind maps.
- ✓ Use the "writing process", including brain storming, rough draft, editing and rewriting.
- ✓ Participate in daily, varied writing experiences related to content areas or suggested topics. Students will be encouraged to speak to peers about a topic in an organized, interesting and clear way.
- ✓ Develop active listening behaviors.
- ✓ Listen critically to a variety of speakers.
- ✓ Apply reading strategies to classroom reading of a complete novel.

#### **Mathematics**

*Students in grade 2 should:*

- ✓ Continue to develop and automatize addition and subtraction strategies, including the ability to represent and solve problems using a variety of models.
- ✓ Use concrete manipulatives: base ten blocks, counters, number lines, Pictorial representations, calculators and equations.
- ✓ Create and solve original story problems requiring addition and subtraction.
- ✓ Use daily experiences with the calendar in order to reinforce and expand knowledge of numbers, relationships between numbers and number patterns to 100.
- ✓ Develop an understanding of meaning of trading (regrouping) in addition and subtraction using a variety of representational models.
- ✓ Develop automaticity of addition and subtraction facts to 20 through the use of a number of strategies, including the recognition of patterns, mnemonics and drill.
- ✓ Communicate mathematically by using math vocabulary and journals to explain solutions.

- ✓ Participate in experiences that require them to collect, record, represent and organize data.
- ✓ Use hands-on experiences to develop an understanding of the concepts of fractions as equal parts or regions.
- ✓ Learn conventional notation for fractions.
- ✓ Learn to recognize the values and equivalents of coins and combinations up to \$100.
- ✓ Develop an understanding of multiplication as repeated addition using a variety of models.
- ✓ Recognize and practice skip counting as a precursor to multiplication.
- ✓ Sort, describe and identify two and three dimensional shapes by various attributes.
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### **Study Skills**

*The second grader should be expected to:*

- ✓ Use a daily planner to complete homework and long term assignments.
- ✓ Take responsibility for bringing in homework and supplies with increasing independence.
- ✓ Organize personal classroom space. Be prepared with appropriate materials for classroom tasks.
- ✓ Follow oral or written directions.
- ✓ Understand and interpret visual and textual aids: charts, diagrams, bold-faced words, captions, headings, etc.
- ✓ Use graphic organizers to record and show relationships between ideas.
- ✓ Complete tasks assigned in class with increasing autonomy.
- ✓ Work collaboratively in cooperative learning groups.
- ✓ Begin to employ various self monitoring strategies, including proofreading and checking work.
- ✓ Learn how to use basic reference materials such as a dictionary, glossary, encyclopedia, internet, etc.
- ✓ Use alphabetical order to facilitate location of material in reference sources.
- ✓ Develop test taking strategies for multiple forms of assessment (multiple choice, free response, fill in the blank).
- ✓ Learn how to budget time to complete long term assignments.
- ✓ Use patterns and mnemonic devices to strengthen recall.

### **Science**

*The second grader should:*

- ✓ Use the processes of observation, prediction, classification and drawing conclusions to explore new concepts.
- ✓ Describe technologies to explore the world in which we live.
- ✓ Explore Earth Science such as weather, land formations and geography.
- ✓ Explore Life Sciences such as plant and animal life cycles, habitats, diets, and adaptations.
- ✓ Develop an understanding of basic concepts related to oceanography, including the creatures and geography of the ocean.
- ✓ Develop an understanding of basic concepts related to the water cycle.
- ✓ Learn about ways to sustain our environment and the impact daily decisions have upon it.
- ✓ Distinguish between different animal families: mammals, reptiles, amphibians, etc.
- ✓ Study animal science vocabulary such as camouflage, predator/prey, food chains, extinction, and endangered.

### **Social Studies**

*Students in second grade should:*

- ✓ Use maps and globes to identify locations.
- ✓ Study significant individuals in American History.
- ✓ Use graphs, charts and diagrams to collect and interpret information.
- ✓ Understand and study the concepts of democracy, economics and citizenship.

- ✓ Study national holidays.
- ✓ Understand the role and effect of technology in our society.
- ✓ Learn about the formation of the U.S. from the original 13 colonies.
- ✓ Learn about people in our community who have special needs.

## **Art**

*Students in second grade should study:*

- ✓ Color, light and dark, mixing and blending color.
- ✓ Artists and their styles, ie. Henri Matisse.
- ✓ Techniques for drawing and painting: shape, color, texture.
- ✓ Portraits.
- ✓ Monoprints.
- ✓ Profiles in Motion.
- ✓ Background and foreground.
- ✓ Principles of design.
- ✓ Illustrations.

## **Physical Education**

*Fitness activities should include:*

- ✓ Movement skills.
- ✓ Ball handling skills.
- ✓ Gymnastics.
- ✓ Small group, low organized games.
- ✓ Sports skills components.
- ✓ Locomotor, non-manipulative and manipulative skills.

## **Life Skills**

*Students should:*

- ✓ Demonstrate self care practices that support wellness.
- ✓ Learn to appreciate and respect similarities and differences between themselves and others.
- ✓ Demonstrate safe behaviors while in motor vehicles, on the street, at home and on the playground.
- ✓ Identify warning labels found on medicines and household products; distinguish between helpful and harmful medicines.
- ✓ Recognize various emotions and demonstrate sympathy and empathy.
- ✓ Identify possible causes of conflict and ways to prevent and resolve conflicts.
- ✓ Learn effective communication skills.
- ✓ Work cooperatively in group situations, respect varying ideas and value others.