



Second Grade Curriculum Guide

PRIORITY STANDARDS: District 92 guarantees that each student will know and be able to demonstrate proficiency by the end of the school year. Students who have not mastered the priority standards will be supported to progress toward mastery. Students who have mastered the priority standards will receive enrichment activities/tasks to grow further.

ENGLISH LANGUAGE ARTS

District 92 utilized a structured literacy approach to literacy instruction based on the Science of Reading. The science of reading is an evidence-based approach to teaching reading that draws on research from various fields, including psychology, linguistics, cognitive science, and education. It responds to the need for effective reading instruction and is informed by a growing body of scientific research on how the brain learns to read. Key principles of the science of reading include:

Phonemic Awareness: The ability to identify and manipulate individual sounds (phonemes) in spoken words is crucial for reading. Phonemic awareness involves tasks such as blending, segmenting, and manipulating sounds.

Phonics: Phonics instruction teaches the relationship between sounds and the letters or letter combinations that represent them. It helps students decode words by recognizing and applying letter-sound correspondences.

Fluency: Fluent reading involves reading with accuracy, speed, and expression. Fluency is developed through practice and the application of phonics skills.

Vocabulary Development: Building a strong vocabulary is essential for comprehension. The science of reading emphasizes explicit vocabulary instruction and exposure to a rich and diverse range of words.

Reading Comprehension Strategies: Effective readers use various strategies to understand and interpret text. These strategies include making predictions, summarizing, asking questions, and connecting prior knowledge and new information.

Text Structure and Syntax: Understanding the structure of sentences and the organization of texts enhances reading comprehension. Instruction in syntax and text structure helps students navigate and comprehend written material.

Morphology: Morphology involves the study of meaningful units of language, such as prefixes, suffixes, and root words. Understanding morphological elements contributes to vocabulary development and decoding skills.



Second Grade Curriculum Guide

Comprehension Monitoring and Metacognition: Skilled readers actively monitor their understanding of text and use metacognitive strategies to fix comprehension problems. The science of reading encourages the development of these metacognitive skills.

The science of reading advocates for systematic, explicit, and sequential instruction based on understanding how language and reading develop in the brain. It highlights the importance of early and effective intervention for struggling readers and promotes evidence-based practices in literacy instruction. Teachers who follow the science of reading approach aim to provide students with a solid foundation in the essential skills needed for proficient reading and comprehension.

MATH

In second grade, the primary goal of mathematics education is to build upon the foundational concepts introduced in the previous grades and further develop students' mathematical understanding and skills. Second-grade mathematics education should be engaging and hands-on and promote a positive attitude toward learning math. The goals for second-grade mathematics typically include:

- **Number Sense and Place Value:** Develop a deeper understanding of place value, including three-digit numbers. Explore the relationship between tens and ones in a number.
- **Basic Addition and Subtraction:** Build fluency in addition and subtraction facts within 100. Introduce the concept of regrouping or borrowing in subtraction.
- **Understanding and Using Symbols:** Read and write numerals up to 1000. Understand and use symbols for addition (+), subtraction (-), and equal to (=) in a variety of mathematical contexts.
- **Measurement:** Explore standard units of measurement for length, weight, and capacity. Solve problems involving measurement using appropriate tools
- **Geometry:** Identify and classify two-dimensional and three-dimensional shapes. Understand and describe the properties of shapes.
- **Data and Graphs:** Collect, organize, and interpret data using bar graphs and pictographs. Draw conclusions from simple data representations.
- **Problem Solving:** Solve simple word problems involving addition, subtraction, and simple multiplication. Develop problem-solving strategies and the ability to explain mathematical reasoning.
- **Patterns and Sequences:** Identify, extend, and create patterns. Understand and apply the concept of skip counting.
- **Time and Money:** Tell time to the nearest five minutes on analog and digital clocks. Solve problems involving money, including making change.



Second Grade Curriculum Guide

- **Mathematical Reasoning:** Develop logical reasoning skills in mathematical contexts. Explain and justify mathematical thinking and strategies.
- **Communication and Mathematical Vocabulary:** Use appropriate mathematical vocabulary to describe mathematical concepts. Communicate mathematical ideas clearly and effectively.
- **Real-World Applications:** Apply mathematical concepts to real-world situations. Explore connections between mathematics and everyday experiences.

Aligned with the Illinois Learning Standards, Second Grade students will explore the following units of study:

- Unit 1: Figure the Facts
- Unit 2: Place Value & Measurement
- Unit 3: Addition & Subtraction within 100
- Unit 4: Measurement
- Unit 5: Place Value to One Thousand
- Unit 6: Geometry
- Unit 7: Measurement, Fractions & Multi-digit Computation
- Unit 8: Measurement, Data & Multi-digit Computation

SCIENCE

In grades K-5, District 92 utilizes Science Fusion and Mystery Science, a standards-aligned science curriculum that engages students to explore scientific phenomena through hands-on activities. This approach helps students develop critical thinking skills and a deep understanding of scientific concepts. Mystery Science is aligned with the Next Generation Science Standards (NGSS). Each lesson is aligned to a topic, performance expectations, science and engineering practices, disciplinary core ideas, and crosscutting concepts. Second graders will investigate:

- Animal Biodiversity
- Plant Adaptations
- Erosion & Earth's Surface
- Material Properties



Second Grade Curriculum Guide

SPECIALS

PHYSICAL EDUCATION

The Physical Education (PE) curriculum for grades K-8 promotes physical activity, motor skill development, and overall health and well-being. The curriculum evolves as students progress through the grades, incorporating age-appropriate activities and focusing on developing fundamental movement skills.

MUSIC

In second-grade music class, the focus continues to build upon the foundational musical concepts introduced in earlier grades. The goal is to further develop students' musical skills, foster a deeper understanding of musical elements, and encourage creative expression. Second-grade music class focuses on creating a positive and inclusive environment where children can deepen their musical understanding, enhance their skills, and express themselves creatively through music.

ART

The elementary art curriculum in District 92 is designed to provide students with a well-rounded art education that fosters creativity, self-expression, and an appreciation for various art forms. The curriculum evolves as students progress through the elementary grades, introducing them to various artistic techniques, media, and concepts.

LIBRARY/MEDIA

In second grade, students continue to develop essential library and media skills that build upon the foundational knowledge acquired in earlier grades. The focus is on fostering a love for reading, introducing basic research skills, and promoting responsible use of media. These library and media skills lay the foundation for further academic success, information literacy, and a lifelong love for reading. The focus is on creating a positive and engaging environment that supports the development of essential skills for navigating both print and digital resources.