

Second Grade Learning Expectations

Based on Indiana State Standards

Language Arts

Reading

- Show interest in reading.
- Identify and voice all letters, including consonants, long and short vowel sounds, and blends.
- Decode second-grade level words with one or more syllables.
- Read independently and with sustained interest.
- Read fluently and accurately with appropriate expression in familiar text.
- Adequately comprehend reading material.
- Use titles, table of contents, and chapter heading to locate information in text.
- Ask and respond to questions to aid comprehension about important elements of informational text.
- Predict what's next in a text by identifying key words.
- Read and use books for pleasure and to gain information.
- Use phonics, illustrations, patterning, and context clues as a regular part of reading.
- Identify the plot, main characters, and setting of a story.

Writing

- Show interest in writing.
- Create a list of ideas for writing
- Organize related ideas together to maintain a consistent focus.
- Use the writing process to review, evaluate, and revise writing for meaning and clarity.
- Proofread own writing by using an editing checklist.
- Express ideas in writing.
- Write brief narratives, expository descriptions, and simple rhymes and poems.
- Use correct sentence structure.
- Use capital letters for the first word of a sentence and punctuation for the end of the sentence.
- Identify nouns and verbs.
- Use creative ideas in writing.
- Write effectively on a variety of topics.
- Include dialogue, plot, character development and description of setting.

- Write in the style of another author.
- Write for different purposes and to a particular audience.
- Print legibly, with correct letter formation and correct spacing between letters within a word and between words.

Spelling

- Recognize and use knowledge of spelling patterns.
- Spell high frequency words correctly that do not fit a common spelling pattern.
- Spell words with short and long vowel sounds, R controlled vowels, and consonant blends correctly.
- Spells correctly grade level appropriate sight words.

Listening and Speaking

- Listen attentively.
- Ask questions for clarification and understanding.
- Give, restate, and follow multi-step directions.
- Speak clearly and distinctly.
- Use logical order to tell experiences.

Mathematics

Number Sense

- Count by ones, twos, fives, and tens to 100.
- Use ordinal numbers to identify a number's place in a set.
- Identify and write numbers up to 100.
- Identify odd and even numbers up to 100.
- Recognize fractions as parts of a whole.
- Identify, draw and write fractions $\frac{1}{2}$ to $\frac{1}{12}$.

Computation

- Add whole numbers less than 100 without carrying.
- Add whole numbers less than 100 without carrying.
- Add whole numbers less than 100 with carrying.
- Subtract whole numbers less than 100 without borrowing.
- Subtract whole numbers less than 100 with borrowing.
- Understand and use the inverse relationship between addition and subtraction.
- Use estimation skills.

Algebra and Functions

- Relate story problems to number sentences, involving addition and subtraction.
- Use the cumulative and associative rules for addition to simplify mental calculations and to check results.
- Create, describe, and extend number patterns using addition and subtraction.

Geometry and Spatial Sense

- Describe, classify and sort plane and solid geometric shapes.

Measurement

- Measure and estimate length to the nearest inch, foot, yard, centimeter, and meter.
- Know which unit of length is appropriate in a given situation.
- Make quantitative estimates of familiar lengths, weights and time.
- Estimate and measure length, capacity, and weight of various objects.
- Read a thermometer in Celsius and Fahrenheit.
- Tell time to the nearest hour, half-hour, quarter- hour, and in five minute intervals on an analog clock.
- Know the relationship between seconds, minutes, hours, days, weeks, months and a year.
- Identify and count pennies, nickels, dimes, and quarters.

Problem Solving

- Effectively use manipulatives as a strategy in problem solving.
- Use second-grade mathematical language to explain how to solve a problem.

Science

- Observe and manipulate an object to gain additional information about it.
- Use tools such as magnifiers, microscopes, rulers, balances, and thermometers to gain more information about objects.
- Recognize and describe ways that materials can be recycled, reused and composted.
- Observe and describe repeating patterns in nature.
- Investigate how freezing, mixing, cutting, heating, and wetting materials affect them.
- Research and observe a variety of environments, examining habitat, climate, indigenous plants, animals, and natural resources.
- Compare and contrast what plants, animals, and people need to survive.
- Understand the basics of experimental design.

Social Studies

- Compare daily life in the past with the present.
- Develop a timeline of important events.

- Explain and compare local and national traditions and celebrations.
- Discuss the rights and responsibilities of citizens in a community.
- Explain the role of government in society.
- Explain the leadership role of parents, teachers, school administration, employers, the mayor, the governor and the president.
- Explain the roles people in the community have in enacting change.
- Create and abide by classroom rules.
- Locate Indiana and the United States on maps and globes.
- Identify map symbols for landforms, water forms, and development.
- Explain the basics of expense, price, profit and debt.
- Play an active role in community service.

Project Work

- Report on topics with supportive facts and details.
- Present in front of a group, using visual aids to convey information.
- Present information in an organized, understandable way.
- Make presentations interesting for the audience.
- Look at the audience when presenting and speaks clearly.
- Complete projects on time.
- Listen respectfully when others are presenting.

Arts

Fine Arts

- Explore a variety of artists and their styles.
- Identify and incorporate artistic principles, such as repetition, symmetry, basics in perspective, and contrast.
- Create artwork using a variety of tools, colors, materials, textures, topics and styles.

Physical Development and Education

Small and Large Muscle Control

- Throw and catch balls.
- Run with a steady gait, jump with two feet, and hop on either foot.
- Use correct form with jumping jacks, sit-ups and skipping.
- Walk on a line and on a balance beam with balance.

Physical Education

- Follow game rules.
- Identify examples of physical activity that help to keep the body healthy.
- Run with endurance and effort.

Social and Emotional Development

- Accept responsibility for own actions.
- Observe rules of classroom.
- Listen to others in discussions.
- Participate cooperatively in activities.
- Respect the need to keep self and others safe.
- Express thoughts and feelings honestly and productively.
- Take satisfaction in accomplishments.
- Respect the right of others to work undisturbed.

Work Habits

- Sustain adequate attention necessary for work to be completed in a timely way.
- Assume responsibility for completion of class work.
- Seek help when it is realistically needed.
- Work well independently.
- Work well in small groups.
- Work well in a large group.
- Follow directions.
- Use time constructively.
- Show personal investment in work.