



Mathematics

Operations and Algebraic Thinking

- Solve addition and subtraction one and two step word problems by using a diagram, equation, strategy and answer statements
- Use repeated addition or skip counting to show my understanding of multiplication
- Decide if a group of 20 or less objects is odd or even by pairing, counting by 2s, or writing a doubles/near doubles fact
- Add and subtract within 20 fluently

Measurement and Data

- Show and explain data using a picture graph, bar graph, line plot, or table
- Measure, describe, compare and estimate, length of inches, feet, centimeters and meters
- Solve money word problems and use symbols correctly
- Tell time to the nearest 5 minutes

Numbers and Operations

- Explain and compare standard and expanded forms of three-digit numbers using hundreds, tens and ones
- Skip count to 1,000 by 5, 10, 100
- Add and subtract within 1,000 using efficient place value strategies

Geometry

- Name and draw shapes based on the number of angles and faces (triangles, quadrangles, pentagons, hexagons and cubes)
- Divide circles and rectangles into equal parts and describe as halves, thirds and fourths

Social Studies

- Understand what it means to be a good citizen
- Understand the rules, laws, rights and responsibilities as members of communities
- Explore the role of public officials
- Recognize individuals who have profoundly affected life in the United States
- Identify features and major resources found on earth
- Explore the role of money and the economy



NASHUA SCHOOL DISTRICT

**ELEMENTARY GRADE
GRADE TWO**

YOUR CHILDREN ARE OUR CHILDREN





GRADE TWO

Student “I can” Statements

ELA

Second grade students use their beginning skills to develop expertise in communicating through reading, writing, listening, and speaking. The ability to apply these skills increases as students participate in written and oral language experiences.

Mathematics

Second grade students expand their understanding of number sense and place value. They continue to learn and use the basic addition facts through sums of eighteen and the corresponding subtraction facts. Students also develop problem solving strategies, estimate, and collect and read data using tables, pictographs, and bar graphs.

Science

Second grade students develop a deeper understanding of science concepts and content by observing and investigating properties of materials, living species and their habitats, and water as a powerful force. Students work collaboratively to develop questions, make predictions based on evidence, collect data and share information.

Social Studies

Second grade students use critical thinking skills as they research and discuss the context of history, geography, civics and government, and economics.

English Language Arts

Foundational Skills

- Read and spell Grade 2 high frequency words
- Figure out a word that I am not able to read by using decoding strategies
- Use word patterns to spell
- Read fluently

Reading

- Tell the difference between details and big ideas
- Ask and answer questions using details from the text
- Find the main idea or lesson in a text to understand what the author is trying to teach me
- Summarize the important ideas
- Tell the difference between fiction and non-fiction text
- Compare and contrast two similar texts
- Determine the meaning of words by using context clues and word parts

Writing, Language, and Speaking

- Choose a topic and plan what to write
- Write to tell a small moment story, to share my opinion, or to teach about a topic
- Write a paragraph using an opening introduction, supporting details and a closing sentence
- Revise my writing by using other people’s suggestions
- Find my mistakes and edit my work
- Look at my audience, speak clearly, and stay on topic when sharing ideas
- Listen to and comment on the talk of others
- Follow language and grammar rules to write and speak

Science

- Ask questions and define problems
- Develop and use models
- Plan and carry out investigations
- Analyze and interpret data
- Use math and computational thinking
- Construct explanations and designing solutions
- Engage in argument from evidence
- Obtain, evaluate, and communicate information
- Explain the structure, properties and interactions of matter
- Explain how and why organisms interact with their environment and what the effects of those interactions are.
- Explain how there can be so many similarities among organisms yet so many different kinds of plants, animals and microorganisms and how this biodiversity affects humans.
- Explain what the universe is and Earth’s place in it.
- Explain how and why the Earth is constantly changing.

Student Success Skills

RESPECT:

- Positively and appropriately interact with students and adults
- Respect classroom materials, property of others, and the school environment
- Cooperate, contribute, and collaborate to improve learning for all

RESPONSIBILITY:

- Demonstrate organization and responsibility for personal belongings and learning materials
- Work reflects “best” effort
- Initiate problem solving and recognize when help is needed
- Take responsibility for choices (trustworthy, honest, accountable)

SELF-REGULATION:

- Maintain attention and engage during learning activities and transitions
- Control actions/impulses
- Be aware of where they are supposed to be and what they need
- Recognize emotions, strengths and challenges with a growth mind-set
- Persevere through challenges by regulating responses appropriately