

**We can individualize your program to help meet any of these
Nebraska Education Standards**

GRADES K - 1

Reading/Writing

- 1.1.1 Students will read and write most of the words they speak and use
- 1.1.7 Students will write about experiences, stories, people, objects, and events
- 1.2.1 Students will speak in clean, complete, coherent sentences
- 1.3.1 Students will listen and be responsible members of the classroom

Math

- 1.1.1 Students will communicate the sequential nature of number system
- 1.2.1 Students will demonstrate the concepts of addition and subtraction up to ten
- 1.2.2 Students will determine the reasonableness of proposed solution to mathematical problems
- 1.3.1 Students will compare two or more items or sets using direct comparisons or nonstandard units of measure
- 1.3.2 Students will recognize tools of measurement and their appropriate use
- 1.4.1 Students will compare relative positions and spatial relationships
- 1.4.2 Students will identify, describe, and create circles, squares, triangles, and rectangles
- 1.5.1 Students will count and collect information about objects and events in their environment
- 1.5.3 Students will make comparisons from displayed data, such as more, less, and fewer
- 1.6.2 Students will sort and classify objects according to one or more attributes

Science

- 1.1.1 Students will develop an understanding of systems, orders, and organizations
- 1.1.2 Students will develop an understanding of evidence, models, and explanations
- 1.1.3 Students will develop an understanding of change, constancy and measurement
- 1.1.4 Student will develop an understanding of form and function
- 1.2.1. Students will develop the abilities needed to do scientific inquiry
- 1.3.1 Students will develop an understanding of the characteristics of material
- 1.4.1 Students will develop an understanding of the characteristics of living things
- 1.4.2 Students will develop an understanding of the life cycles of organisms
- 1.5.1 Students will develop an understanding of the characteristics of earth material
- 1.5.2 Students will develop an understanding of the objects in the sky
- 1.5.3 Students will develop an understanding of the changes in the earth and sky
- 1.6.2 Students will develop an understanding of science and technology
- 1.7.1 Students will develop an understanding of personal health
- 1.7.2. Students will develop an understanding of resources
- 1.8.1 Students will develop an understanding of science as a human endeavor

Social Studies

- 1.1 Students will understand that history relates to events and people of other times and places
- 1.2 Students will compare everyday life in different places and times and recognize that people, places, and things change over time
- 1.12 Students will describe how climate, location and physical surroundings affect the lives of people
- 1.20 Students will explain how limits of resources require people to make choices
- 1.23 Students will demonstrate good citizenship and demonstrate an understanding of importance
- 1.30 Students will identify how choices and actions affect themselves and others

GRADES 2 - 4

Reading/Writing

- 4.1.2 Students will acquire and use correctly an advance reading vocabulary
- 4.2.2 Students will write compositions with a clear focus, logically related ideas, and adequate supporting details
- 4.2.4 Students will use a variety of forms to write for different audiences and purposes
- 4.2.5 Students will use self-generated questions, note taking, summarizing, and outlining to enhance learning
- 4.3.1. Students will pose questions and contribute their own information or ideas in group discussions in order to acquire new knowledge
- 4.3.2 Students will make oral presentations that demonstrate appropriate consideration of audience, purpose, and information to be conveyed
- 4.4.1 Students will gain information or complete tasks by listening

Math

- 4.2.1 Students will estimate and accurately calculate without and with calculators and solve problems involving addition, subtraction of decimals
- 4.2.2 Students will estimate and accurately calculate without and with calculators and solve problems in addition and subtraction of decimals and understand the relationships among these two operations
- 4.2.2 Students will estimate and accurately calculate without and with calculators and solve problems in addition and subtraction of fractions and understand the relationships among these two operations
- 4.3.1 Students will estimate, measure, and solve problems using metric units
- 4.3.2 Students will estimate, measure, and solve problems using standard units
- 4.3.4 Students will determine the perimeter of many-sided figure, using standard and nonstandard units
- 4.4.1 Students will identify, describe, and create two and three-dimensional geometric shapes
- 4.5.1 Students will collect, organize, represent, and interpret numerical and categorical data

Science

- 4.1.1 Students will develop an understanding of systems, order, and organization
- 4.1.2 Students will develop an understanding of evidence, models, and explanation
- 4.1.3 Students will develop an understanding of change, constancy, and measurement
- 4.1.4 Students will develop an understanding of form and function
- 4.2.1 Students will develop the abilities needed to do scientific inquiry
- 4.3.1 Students will develop an understanding of the characteristics of objects and materials
- 4.3.2 Students will develop an understanding of position and motion of objects
- 4.3.3 Students will develop an understanding of light, heat, electricity, and magnetism
- 4.4.1 Students will develop an understanding of characteristics of living things
- 4.4.2 Students will develop an understanding of the life cycles of living things
- 4.4.3 Students will develop an understanding of living things and environment
- 4.5.3 Students will develop an understanding of the changes in the earth and sky
- 4.6.2 Students will develop an understanding of science and technology
- 4.6.3 Students will develop an understanding of the ability to distinguish between natural objects and objects made by man
- 4.7.2 Students will develop an understanding of the types of resources
- 4.7.3 Students will develop an understanding of environmental changes
- 4.7.4 Students will develop and understanding of how science and technology helps communities resolve problems
- 4.8.1 Students will develop an understanding of science as a human endeavor

Social Studies

- 4.1 Students will compare communities and describe how the local community changed physically and demographically over time
- 4.4 Students will compare and contrast daily life in the past and present, considering things, such as roles, jobs, communication, technology, transportation, schools, and cultural traditions
- 4.14 Students will identify examples of making economic choices and explain what is given up when making a choice....
- 4.26 Students will explain the interaction between rights and responsibilities

GRADES 5 – 8

Reading/Writing

- 8.1.2 Students will locate, access, and evaluate resources to identify appropriate information
- 8.2.2 Students will write compositions with a clear focus, logically related ideas, and adequate supporting detail
- 8.2.4 Students will use a variety of forms to write for different audiences or purposes
- 8.2.5 Students will use self-generated questions, note taking, summarizing and outlining to enhance learning
- 8.3.1 Students will pose questions and contribute
- 8.3.2 Students will make oral presentations
- 8.4.1 Listening skills

Math

- 8.2.3 Students will solve problems involving whole numbers, . . . Involve real-life data
- 8.2.5 Students will apply strategies of estimation to a variety of problems both with and without the use of technology
- 8.4.6 Students will use geometric representations to solve problems and describe the physical world
- 8.5.1 Students will collect, analyze, interpret, and display data
- 8.5.2 Students will read and interpret tables, charts and graphs to make comparisons, predictions, and inferences

Science

- 8.1.1 Students develop an understanding of systems, order, organization
- 8.1.2 Students will develop an understanding of evidence, models, and explanation
- 8.1.3 Students will develop an understanding of change, constancy and measurement
- 8.2.1 Students will develop the abilities needed to do scientific inquiry
- 8.3.2 Students will develop an understanding of motion and forces
- 8.3.3 Students will develop an understanding of the transfer of energy
- 8.4.1 Students will develop an understanding of the structure and function in living systems
- 8.4.3 Students will develop an understanding of regulation and behavior
- 8.4.4 Students will develop an understanding of population and ecosystems
- 8.4.5 Students will develop an understanding of diversity and adaptation of organisms
- 8.5.1 Students will develop an understanding of the structure of the earth
- 8.7.1 Students will develop an understanding of personal health
- 8.7.2 Students will develop an understanding of populations, resources, and the environment
- 8.7.3 Students will develop an understanding of natural hazards

Social Studies

- 8.2.8 Students will evaluate different assessment of the causes, costs, and benefits of major events in recent history to develop discussion, debate and persuasive writing skills
- 8.3.3 Students will compare policy-making process at the local, state, and national levels of government
- 8.3.8 Students will demonstrate an understanding of the rights and responsibilities of citizens in America

GRADES 9 - 12

Reading/Writing

- 12.2.2 Students will write compositions with a clear focus, logically related ideas, and adequate supporting detail.
- 12.2.3 Students will demonstrate improvement in organization, content, word choice, voice, sentence fluency and standard English conventions after revising and editing their compositions
- 12.2.4 Students will use a variety of forms to write for different audiences and purposes
- 12.3.1 Students will pose questions and contribute their own information or ideas in group discussion in order to acquire new knowledge
- 12.3.2 Students will make oral presentations that demonstrate appropriate consideration of audience, purpose, and information to be conveyed
- 12.4.1 Apply listening skills for a variety of purposes

Math

- 12.2.1 Students will solve theoretical and applied problems using numbers in equivalent forms, radicals, exponents, scientific notation, absolute values, fractions, decimals and percents, ratios and proportions, order of operations, and properties of real numbers
- 12.3.1 Students will select and use appropriate measuring units, tools and/or technology to achieve a specific degree of accuracy and precision
- 12.2.3 Students will perform estimations and computations mentally, with paper and pencil, and with technology
- 12.5.1 Students will apply sampling techniques to gather data, organize, display and interpret data to solve complex problems

Science

- 12.1.1 Students will develop an understanding of systems, order, and organization
- 12.1.2 Students will develop an understanding of evidence, models, and explanation
- 12.1.3 Students will develop an understanding of change, constancy, and measurement
- 12.1.4 Students will develop an understanding of form and function
- 12.2.1 Students will develop the abilities needed to do scientific inquiry
- 12.4.4 Students will develop an understanding of the interdependence of organisms
- 12.4.6 Students will develop an understanding of the behavior of organisms
- 12.7.2 Students will develop an understanding of the effects of population change
- 12.7.4 Students will develop an understanding of environmental quality
- 12.7.6 Role of science and technology in local, national, and global challenges
- 12.8.3 Students will develop an understanding of the history of science

Social Studies

- 12.1.5 Students will analyze impact of European expansion into the Americas, Africa, and Asia
- 12.2.2 Students will analyze how selected physical and ecological processes shaped the earth's surface
- 12.2.3 Students will explain how geographic regions change over time in reference to the Platte River
- 12.2.6 Students will analyze past and present trends in human migration and cultural interaction as they are influenced by social, ...environmental factors
- 12.2.8 Students will identify natural hazards, describe their impact on human and physical systems...
- 12.2.9 Students will analyze natural,resources; describe their distribution; explain significance, such as location of contemporary and selected historical economic and land-use regions
- 12.2.10 Students will analyze patterns of urban development....and problems related to....environment
- 12.2.14 Students will analyze forces of conflict and cooperation as they influence disputes over borders, resources, and settlement areas
- 12.2.15 Students will apply geography to interpret the past, understanding the present, and plan for the future
- 12.4.7 Students will analyze in writing, discussion, and debate current issues
- 12.4.12 Students will explain and give examples of how, political parties, interest groups, media and individuals influence policy and decision making of government
- 12.4.15 Students will develop the skill needed for informed participation in public affairs
- 12.4.18 Students will analyze the role of government in the US economy, explaining factors, such as:
Example: Protecting the environment, Platte River, water rights
- 12.4.20 Students will discuss the economic goals of growth, stability, full employment, efficiency, equity, and justice, explaining the need for tradeoffs as these goals are pursued