



Grade 1 Language Arts

Course Description

Language arts experiences provide grade 1 students with opportunities to develop the complex repertoire of strategies that is integrated into the areas of reading and language expression. Students will extend their understanding of phonemic awareness, decoding and word recognition while they extend their comprehension and use of conventions for written language. They will read a variety of texts, listen to literature, and respond to books, poetry, plays, age-appropriate expository texts, environmental print, and self-selected reading materials. They will expand their oral language skills and their knowledge about using oral language to express themselves through writing.

Objectives

Students will be able to

- enjoy stories, poems, and rhymes that are read and told
- listen actively for meaning and enjoyment
- interact with a variety of printed material
- speak with purpose and self-confidence
- use language to communicate effectively, both orally and in writing
- write for different audiences and purposes, using a variety of forms
- respond actively and imaginatively through art, music, movement, dramatics and the other disciplines
- increase and reinforce vocabulary
- use and interpret nonverbal cues
- develop competency in gathering, using, and evaluating information in a technology-rich environment

Instructional Material and Resources/ Required Texts

Text: Harcourt Brace Trophies Reading Guess Who
Harcourt Brace Trophies Reading Catch A Dream
Harcourt Brace Trophies Reading Here and There
Harcourt Brace Reading Trophies Time Together
Harcourt Brace Reading Gather Around
Harcourt Brace Practice Book Volume 1
Harcourt Brace Practice Book Volume 2

Materials: Teacher generated materials, Harcourt Brace Leveled readers, library books, and games



Grade 1 **Mathematics**

Course Description

In grade 1, students count, compare and represent whole numbers up to 100, with an emphasis on groups of tens and ones. They use place value to describe whole numbers between 10 and 100 in terms of tens and ones. Students will demonstrate an understanding of fractions, addition, and subtraction. Students will identify common geometric objects and describe the relative position of objects. Students will learn how to measure length and show an understanding of picture graphs, and time (to the hour and half-hour). Students also develop problem solving and reasoning skills.

Objectives

Students will be able to

- Understand and use non-standard units of measurement for time, length, width, weight and temperature.
- Apply concepts of size, shape, and spatial relationships.
- Develop number sense for whole numbers through 99.
- Use fractions to represent quantities or parts of a whole.
- Perform computations accurately.
- Estimate and judge reasonableness of results.
- Understand and use a variety of problem solving skills.
- Apply appropriate models to find solutions to problems
- Communicate results using appropriate terminology and methodology.
- Apply graphing in two dimensions.
- Collect, organize and display data using line plots and tallies.
- Understand basic concepts of probabilities.
- Evaluate algebraic expressions.
- Develop fluency with single-digit addition and corresponding differences using different problem solving skills: modeling, composing and decomposing quantities, using doubles and making tens.
- Develop an understanding of the concept of time to the hour and half hour.
- Create and extend patterns, identify the pattern unit, and translate into other forms.
- Identify, describe, draw and build basic geometric figures.

Instructional Material and Resources/ Required Texts

Text: Harcourt Brace Mathematics Unit Workbooks 1-10

Materials: Teacher generated materials, games, and puzzles



Grade 1 **Science**

Course Description

First grade science provides students with content learning in fun, inquiry based activities that encourage students to examine and explore a variety of living things and events in their natural surroundings. The students participate in activities and experiments designed to encourage and promote observation, comparison, gathering of data, and drawing conclusions. Students begin to find answers to their questions about the world by using measurements, estimation, and inference, as well as working with materials. They communicate their findings through numbers, words, and drawings.

Objectives

Students will be able to

- Explore the concepts of observations and data collection.
- Formulate or use models.
- Communicate observations.
- Measure in both standard and non-standard systems.
- Understand concepts of form and function.
- Understand scientific thinking and develop critical thinking skills.
- Understand the relationship between science and technology.
- Understand concept of motion and forces.
- Recognize and classify matter as a solid, liquid, or gas.
- Explore different kinds of energy.
- Observe and explore the lifecycle of plants and animals and their basic needs.
- Recognize that animals live in different habitats for which they are suited.
- Understand that living things need food to survive.
- Identify seasons and weather conditions.
- Identify characteristics of the local environment.
- Understand the importance of natural resources and the need to manage and conserve them.
- Understand common environmental quality issues both natural and human induced.

Instructional Material and Resources/ Required Text

Text: Harcourt Brace Science Textbook, Ohio Edition

Materials: Teacher generated worksheets, projects, games, and investigations



Grade 1 Social Studies

Course Description

In grade one, students develop knowledge and gain skills for thinking and inquiry through participation as members of the school and neighborhood or local community. Students examine continuity and change in their own community over time and identify individuals, events, and symbols that are important to our country. They explore geographic relationships in the nearby environment, draw simple maps, and locate land and water features on maps and globes. Students will understand that people in the school and community use goods and services and make economic choices and that a wide range of cultural activities benefit the community. They can identify specific rights and responsibilities that people have, explain why rules and laws are needed, take responsibility for resolving conflicts peacefully, and practice citizenship skills through participation in a variety of group activities. Students ask questions, observe, and use a variety of information sources including pictures, books, stories, maps, globes, and atlases to gain knowledge of people, places, and events.

Objectives

Students will be able to

- Recognize that every person is an individual.
- Recognize that each person belongs to many groups, family, school, and friends.
- Explain how families vary in structure and size.
- Name several ways in which families and communities care for one another.
- Compare differences in the ways families live today and how they lived in the past. Identify responsibilities and chores of people.
- Explain why rules are necessary in society.
- Understand the voting process.
- Develop an understanding of national symbols.
- Understand the spatial organizations of people, places, and the environment on the earth's surface.
- Recognize pictorial symbols on a map as representative of real features.
- Understand that human actions modify the physical environment.

Instructional Material and Resources/ Required Texts

Texts: Steck-Vaughn Maps, Globes and Graphs
Heinemann- What I Want to Be- Big Book
Heinemann- A Home for Me- Big Book

Materials: Teacher generated materials, games and projects, videotapes, CD ROMs, documents, periodicals, magazines and the Internet