

Fourth Grade General Studies Curriculum Overview

This simple description shares the large core objectives for each subject. Detailed learning concepts for each of the core elements may be obtained by contacting the General Studies Principal.

Language Arts

- Use a variety of strategies to expand reading, listening, writing, and speaking skills.
- Understand the meaning of texts using a variety of comprehension strategies.
- Read and respond to a variety of reading materials and genre.
- Compose various pieces of writing with correct structure and grammar.
- Understand and communicate effectively through listening and speaking.
- Apply grade level phonics and word skills to decode and read with sufficient accuracy and fluency to support comprehension.
- Use a combination of writing strategies to produce and publish writing while avoiding plagiarism and identifying sources.
- Participate in collaborative conversations with diverse partners about grade level topics with peers and adults in small and large groups clearly expressing ideas.
- Distinguish, understand and use different types of print, digital and multimodal media.
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Use knowledge of language and its conventions when writing, speaking, reading or listening.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings to develop word consciousness.

Library Sciences

- Identify and locate various book collections.
- Recognize the parts of a search on the computer from various types of materials.
- Discover the Dewey Decimal system.
- Identify various authors, illustrators and literary awards.
- Conduct research.

Math

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.
- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.
- Extend understanding of fractions equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Understand concepts of angle and measurement angles.
- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Physical Education

- Demonstrate listening skills and proper behavior.

- Know and understand major body parts.
- Master fundamental motor skills.
- Master basic manipulative activities.
- Learn the importance of physical fitness.
- Learn basic rules for individual, dual, and team activities.

Science

- Understand the characteristics of light and sound.
- Analyze the basics of electricity and magnetism.
- Examine plants and understand their processes.
- Understand matter and how it can be physically and chemically changed.
- Examine oceans, lakes, rivers and their features.
- Investigate the water cycle and related weather.

Social Studies

- Identify various landforms and geographic features.
- Understand how living in a geographical region affects how people live.
- Understand how important events, natural resources, population movements and regional features shaped our young nation.
- Know US regions, states and capital cities.
- Conduct research.

Technology

- Demonstrate the proper and safe use of hardware and software.
- Understand basic computer operations.
- Demonstrate the proper use of the keyboard.
- Utilize multimedia authoring and presentation tools.
- Utilize a word processing program.
- Develop a graph using a basic spreadsheets and databases.
- Use and create power point presentations.
- Utilize the internet.
- Conduct research.