



Churchville-Chili Central School District



CHURCHVILLE-CHILI
CENTRAL SCHOOL DISTRICT
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Grade 4

Parent Curriculum Guide

Where learning leads to a lifetime of opportunities

English Language Arts

Literacy learning is aligned to evidence based literacy practices. Students actively engage in whole group, small group, and one-on-one instruction. During Reading Workshop, students are taught a variety of strategies and skills to comprehend text and learn to apply those while reading. During Writing Workshop, teachers model the writing process and students write daily as the teacher conferences with small groups or individuals. Word Study is the bridge between reading and writing. It is a data-informed approach to systematic, phonics, spelling, and vocabulary instruction.

The New York State Next Generation Learning Standards for English Language Arts & Literacy are end-of-year expectations and are a cumulative progression designed to enable students to be college and career ready upon graduation. Students advancing through the grades are expected to meet each year's grade-specific standards, retain or further develop skills and understandings mastered in preceding grades.



Students attend Physical Education three times per week. Each of these scheduled classes is forty minutes. After school intramural activities are also available for students throughout the school year.

Furthermore, students can also benefit from participation opportunities in the community. Participation in community activities (sports, dance, recreation, etc.) that exist for children will reinforce the concept and importance of healthy lifelong habits that they learn in school.

Computer Technology

All fourth grade students are provided with 1-to-1 devices. Students are engaged with developmentally appropriate technology integration to develop their communication, collaboration, critical thinking, and creative skills as dictated by the NYS Computer Science and Digital Fluency Standards for 4th graders.



Physical Education

Churchville-Chili Elementary Physical Education is a sequential program based on the NYS Standards. It is viewed as an integral part of our students day and is a valuable component of a well rounded education with an emphasis on health and wellness. The goal for all students is for them to become lifelong learners who strive to incorporate the values of health, wellness, and an active lifestyle in their everyday life.

Our program is based on the acquisition of knowledge, personal fitness, skill development and participation in activities which are taught in an active, student centered environment. Students are challenged to do their best and develop a foundation of healthy lifelong habits.

At the 3-4 level a focus on teaching and learning is placed on the following:

- The health related components of physical fitness (cardiovascular endurance, muscle strength, muscle endurance and flexibility)
- Skillful and safe movement
- Promoting teamwork & sportsmanship
- Encourage mental, social and physical wellness of each individual student
- Encourage participation opportunities in the community

Reading

The Next Generation State Standards call for students to proficiently read grade-appropriate complex literature and informational text. The standards expect readers to attend to meaning, require deep comprehension and high level thinking. Readers are asked to use text evidence to support responses.

Writing

The Next Generation State Standards call for students to write routinely for a range of tasks, purposes, and audiences using the writing process.

These writing purposes include:

- Argumentative/Opinion
- Informative/Explanatory
- Narrative
- Response to Literature

Foundation and Language Standards

The foundational skills and language standards are interwoven across the day in authentic reading and writing.

Speaking and Listening

Standards for Speaking and Listening offer detailed expectations for engaging in collaborative discussions with diverse partners and presenting their knowledge and ideas in various forms of media.

What Can Parents Do?

- Read text TO your child and WITH your child

"The greatest goal in education is for children to love to read. Once that is accomplished, the learning will follow, naturally and unforced."

-Jim Trelease

- Read and talk about a variety of texts
 - Fiction and Non-Fiction Books
 - Magazines
 - Recipes
 - How To (ex: video game guide)
 - Digital Media
- Encourage "real-life" writing
 - Grocery lists
 - Thank you notes
 - Email
 - Personal journal
- If you would like more detailed information regarding grade specific standards please visit:

<http://www.nysed.gov/aimhighny>

Music

A general music program is offered in one forty-five minute session per week. All fourth graders participate in chorus and also have the option of taking instrumental music lessons and band. Students explore a variety of music skills. These are all part of the Churchville–Chili curriculum which is based on NYS Music Education Standards.

Art

The Grade 4 Art Curriculum is based on the New York State Standards for the Arts. The units in this course continue to build on topics, concepts and skills from previous years and apply them in new ways. Students will be building on concepts of line, shape, color, pattern and 3-D. They will delve deeper into the study of landscape, still life, and portraits. They will also be introduced to printmaking. Art helps broaden creative thinking, awareness of details, problem solving abilities and helps student to become risk takers. Your child will also be working on following directions, sharing workspace and materials, and caring for art tools and equipment. These units are based on 40 minute classes which meet once a week.

Library

Fourth graders come to the library on a weekly basis for library skills instruction and book exchange. We work to equip each child with the knowledge, motivation, and abilities to become successful users of information. Our goal is to promote life-long use of the library and to foster a love of reading that will accompany the children throughout their lives. Students receive continued reinforcement of the concepts introduced in previous grades, as well as further instruction in information literacy skills.

Fourth grade students will:

- Review and reinforce concepts and skills developed at previous grade levels
- Apply skills learned and demonstrate proficiency by completing a research project.



Math

Grade 4 math focuses on building deep understanding of the math concepts listed below, achieving math fact fluency across all four arithmetic operations, and learning to apply these concepts and skills to different real-world situations.

EnVision Mathematics is the district resource, which can be accessed by following the instructions provided to you by your child's teacher.

Fourth grade students will learn:

- To solve problems using all four operations and knowledge of place value
- To find factors and multiples of numbers
- To find equivalent fractions and to perform operations with fractions
- To represent fractions with denominators of 10 or 100 as decimals
- To solve problems involving measurement, data, perimeter and area
- To draw and identify angles
- To classify geometric shapes based on lines, angles and symmetry



Math Practices

Across the grade levels, the New York State Next Generation Learning Standards for Mathematics stress the importance of mathematical practices crucial to the development of critical thinking. These are:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

What can parents do?

The most important thing that parents can do to help their children succeed in math is to model a positive attitude! Practice multiplication facts at home, building on facts your child already knows. (If $5 \times 4 = 20$, how could we use that fact to help us find 6×4 ?) Use the *EnVision* website to help your child remember strategies that were taught in class, and use Reflex Math to practice math facts. Have fun with numbers!

What parents can do?

- Read to your child and with him or her
- Share information from newspapers and magazines and discuss age-appropriate current events
- Encourage your child to compare and contrast items in his/her world such as toys, books and movies
- Involve your child in the planning of family trips by reading road maps together and/or locating your destination on a map or globe
- Arrange visits to local museums, the Erie Canal, and other historical sites
- Ask questions related to those visits that require your child to use critical thinking skills
- Spend time looking at pictures, maps, charts, and graphs, and discuss their meaning and what we can learn from them



Fourth grade students will learn:

- The impact of immigration on New York State
- The major geographic features of New York State
- The six nations of the Iroquois Confederacy and their culture
- The early explorers and colonists of New York State
- The significance of New York's role in the Revolutionary War
- The effect of inventions and the Erie Canal on the growth and development of New York State
- The structure of state and local government



Science

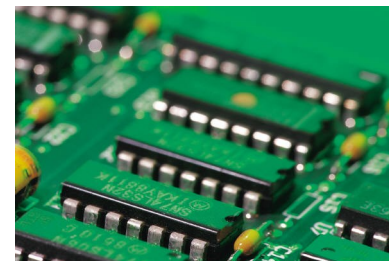
The foundation of the Churchville-Chili School District Elementary Science Program is an inquiry-based approach, which supports the premise that children learn best through active participation. Students are introduced to scientific methods and use them to engage in hands-on, "mind-on" activities that inspire them to discover scientific knowledge, through observation, experimentation and problem solving.

Fourth grade students will learn:

- Processes that shape the Earth
- Waves and patterns of communication
- Different forms of energy—transfer and conversion
- Structure and function of human bodies
- Plants and animal adaptations

What can parents do?

- Provide opportunities for scientific experimentation at home
- Watch and discuss nature/science related television shows with your child
- Take your child on a nature walk



Health

Our Health Curriculum builds skills based on the Second Step Program. In addition our program provides current knowledge, fosters skill development, and helps students develop positive attitudes towards making healthy choices.

Fourth grade students will learn:

- Personal safety and refusal skills
- Drug education: tobacco prevention, stress reduction skills, and refusal skills
- Nutrition: including the importance of making healthy choices
- Communicable disease prevention: HIV/AIDS
- Human growth and development
- Personal Hygiene
- Character Education

A consultant from Bivona delivers the Monique Burr Foundation's Child Safety Matters Curriculum.

Social Studies

Fourth grade students study the geography and government of New York State as well as its early history including Native Americans, Exploration and Colonization, and the Revolutionary War. Local history is emphasized, including the study of the Erie Canal and government. They will participate in large and small group discussions and cooperative group activities. They may use inquiry and research skills to explore different aspects of New York State history. In addition, they may participate in one or more content-related field trips.

