



Churchville-Chili Central School District



CHURCHVILLE-CHILI
CENTRAL SCHOOL DISTRICT
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Grade 2

Parent Curriculum Guide

Where learning leads to a lifetime of opportunities

Students attend Physical Education two times per week. Each of these scheduled classes is forty minutes. In addition, they attend a Movement in Music class one time per week for a forty minute period. Movement in Music is another opportunity for students to participate in an activity that enhances their level of personal fitness.

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 second 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 2nd grade students.



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.



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.

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 K-2 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 and sportsmanship
- Encourage mental, social and physical wellness of each individual student
- Encourage participation opportunities in the community





Music and Movement

A general music program is offered in two forty minute sessions per week in kindergarten through second grade. Students explore a variety of music skills while participating in many different classroom activities. These activities are all part of the Churchville–Chili General Music curriculum which is based on NYS Music Education Standards.

Art

The Grade 2 Art Curriculum is based on the New York State Standards for the Arts. The units in this course are designed to be taught to build upon previously studied skills and concepts including organic and geometric shapes, line, texture, color and 3-D media. The units will include figures, landscapes, still life and design. The course is based upon 40 minute class which meets once a week. Various art media will be explored and built upon. Art helps broaden creative thinking and problem solving abilities, and helps students to become risk takers.



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>



Math

Grade 2 math focuses on building deep understanding of the math concepts listed below, building math fact fluency in addition and subtraction, 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.

Second grade students will learn:

- To read, write, and compare numbers to 1000, and understand ones, tens and hundreds
- To add and subtract within 1000 using a variety of strategies
- To explain why addition and subtraction strategies work
- To mentally find 10 or 100 more, or 10 or 100 less than a given number
- To measure and estimate lengths using inches, feet, centimeters and meters
- To organize, represent and interpret data with picture graphs, bar graphs, and line plots
- To identify shapes
- To partition shapes and discuss equal shares of shapes (halves, thirds, etc)

Library

Second 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 at kindergarten and first grade, and begin to develop skills that will facilitate their use of libraries throughout their education.

Second grade students will:

- Recognize types of books, differentiate among them and located them in the library
- Be introduced to the Dewey Decimal System, the electronic library catalog (Destiny), and encyclopedias in print format
- Have an awareness of the concept of plagiarism, and the importance of citing sources used to acquire information



What parents can do?

- Read to your child daily
- Expose your child to services in our community (library, grocery store, mall, fire and police departments, postal services, and government)
- Involve your child in planning of vacations by discussing where you are going and how you are going to get there
- Consider planning a visit to Washington D.C.
- While driving in the car, identify places and symbols in the community

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.

Second grade students may learn:

- Personal safety/hygiene
- Nutrition: Making healthy food/activity choices
- Human growth and development
- Character Education

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



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! Resist the urge to share that "I was never very good at math." Solve everyday problems involving money, measurement, and ask your child to explain their thinking. Give mental math problems, such as adding 10 or 100 to any given number. Skip count by 2's, 3's but try starting with a number other than one (Ex: 7, 10, 13, 16,...). Have fun!



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.

Second grade students will learn:

- Plant survival
- Animal biodiversity
- Water and erosion
- Structures and properties of matter

What can parents do?

- Watch and discuss nature/science related TV shows with your child
- Categorize toys/objects by their characteristics
- Take your child on a field trip to local and out of town museums, zoos, and nature center

Social Studies

The focus of social studies in second grade is on communities in the United States. Topics covered include the purposes of the rules and laws in communities and how communities change over time. Geography skills are also included as students continue to develop an understanding of how to read a map. Civics and citizenship is an ongoing theme throughout the year and included symbols of citizenship as well as National and Patriotic holidays.

Second grade students will learn:

- The difference and changes among rural, urban, and suburban communities
- Geography of various communities
- Community needs, wants, and resources
- The importance of our nation—as a community
- The importance of rules, rights, and responsibility
- Resolving conflicts

