

Language Arts



READING Literature & Informational Text

Students will:

- Read for key ideas and details
- Understand the craft and structure of text
- Integrate their knowledge and ideas
- Read and comprehend literature and informational text of appropriate complexity for 5th grade

READING Foundational Skills

Students will:

- Know and apply grade-level phonics and word analysis in decoding words
- Read with sufficient accuracy and fluency to support comprehension
- Determine the meaning of grade appropriate vocabulary

WRITING

Students are evaluated based on narrative, informative/explanatory, and opinion pieces completed throughout the year and across the curriculum.

Students will:

- Write clearly, focused on a topic with relevant supporting details
- Use a logical sequence with consistent use of transitional strategies
- Use effective word choice and sentence variety
- Use appropriate grammar, usage, spelling, capitalization, and punctuation

SPEAKING AND LISTENING

Students will:

- Engage effectively in a range of collaborative discussions building on other's ideas and expressing their own clearly
- Summarize texts read aloud or information presented in diverse media formats
- Use knowledge of language and its conventions when speaking and listening

Please see the back for a list of excellent fifth grade books and online resources.

Popular 5th Grade Books

"The more that you read, the more things you will know. The more that you learn, the more places you'll go."

— Dr. Seuss

Bridge to Terabithia

by Katherine Patterson

Number the Stars by Lois Lowry

Wonder by R.J. Palacio

The Watsons Go to Birmingham

by Christopher Paul Curtis

Esperanza Rising

by Pam Munoz Ryan

Maniac Magee

by Jerry Spinelli

I Survived ... series

by Lauren Tarshis (I Survived the Joplin Tornado)

Who Was series by various authors (Who Was Rosa Parks? Who is Bill Gates? What is the Super Bowl? What was the Lewis and Clark Expedition?)

<https://www.goodreads.com/shelf/show/5th-grade-reading-list>

Clinton Macomb Public Library:

All CVS students have access to the Clinton Macomb Public Library's online resources! You can download e-books, use research links and access great educational websites like <http://kids.mel.org/>

Visit www.cmpl.org and enter your student's Chippewa Valley ID number as the username and the last 4 digits of your phone number as the password.

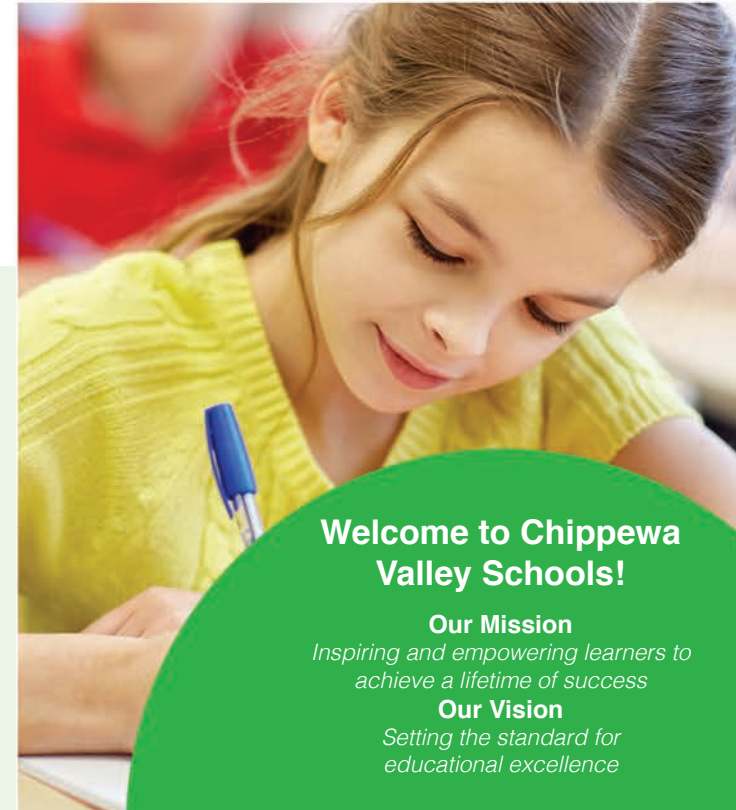
CHIPPEWA VALLEY SCHOOLS



5th Grade

PARENT GUIDE

Language Arts
Mathematics
Science
Social Studies



Welcome to Chippewa Valley Schools!

Our Mission

Inspiring and empowering learners to achieve a lifetime of success

Our Vision

Setting the standard for educational excellence

Science



Science is a way of understanding the world and a pattern of thinking that begins in the very early years. Students will continue developing science and engineering skills by learning to ask questions, using models, planning and carrying out investigations, and analyzing data. Students will be encouraged to obtain, evaluate and communicate their findings both orally and in writing as they make claims, find evidence, and support this with scientific reasoning.

Animal Systems

Students will:

- Explain the major purposes of the body systems of an animal (not limited to humans)
- Describe how two or more systems work together

Evolution and Traits of Organisms

Students will:

- Compare/contrast inherited and acquired traits and demonstrate the influence genetics and environment have on them
- Compare/contrast physical and behavioral characteristics of plants and animals, and describe how they help an organism survive
- Explain how fossils can help us understand how organisms are related, and how catastrophic events may cause some organisms to change or become extinct

Measuring Changes in Motion

Students will:

- Explain contact/non-contact, balanced and unbalanced forces; demonstrate how they cause an object to change motion and speed
- Relate the size of change in motion to the strength of the force and the mass of the object
- Represent motion on a graph and calculate speed of an object using the formula $S = d/t$

Position and Motion of Objects in the Sky

Students will:

- Model the Earth's motion to show the occurrence of day/night, a year, and seasons
- Design a model of our solar system that shows the relative order and scale of the planets, dwarf planets, comets, and asteroids to the sun
- Draw the phases of the moon in relationship to the Earth and sun, and draw a lunar/solar eclipse
- Use a tide chart to explain the tides

The way science is approached might seem different than what you remember. You can help your child by encouraging your child to talk about the "I can..." statement used in the classroom.

Mathematics



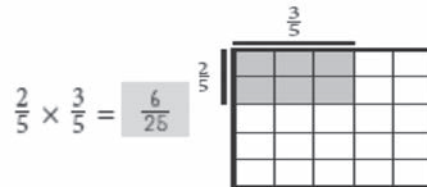
This year we are using Bridges in Mathematics, a K-5 math program that will help us meet the new standards and make math meaningful and exciting. In fifth grade, students focus on computing with fractions, dividing with larger numbers, calculating with decimal numbers, and finding the volume of rectangular prisms.

Throughout the year, students will:

- Add, subtract, and multiply fractions
- Divide unit fractions by whole numbers ($\frac{1}{4} \div 3$)
- Divide whole numbers by unit fractions ($3 \div \frac{1}{4}$)
- Calculate with decimal numbers
- Find the volume of rectangular prisms (boxlike shapes)

When you are helping your child, the math might sometimes seem unfamiliar or different than you remember, but there are many ways you can help!

- Invite your child to talk about the math by asking questions like, "Did you do a problem like this at school? How did you think about it?"
- Focus on the pictures. Bridges uses visual models to make the mathematics accessible to all learners. Talking about the pictures is a great way to get started.
- Ask questions like, "What do you notice about this picture? Where do you see the numbers in this picture? Can we use the picture to help solve the problem?"



Get more information and ideas about how to help your child by visiting the CVS website:
<http://www.chippewavalleyschools.org/academics/elementary-math---bridges/>

By being open to learning and talking with your child, you can help your child develop strong skills and a love of math.

Social Studies



Geography

Students will:

- Identify and understand how regions are created from physical and human characteristics

Economics

Students will:

- Use principles and concepts of economics to understand economic activity in the early United States

History

Students will:

- Understand the beginnings to 1620, the colonization and settlement prior to the American Revolution, and the American Revolution

Civics & Government

Students will:

- Understand the values and principles of American constitutional democracy, including individual rights
- Understand the formation of the new government

Public Discourse, Decision Making, & Citizen Involvement

Students will:

- Plan, conduct, report, and evaluate a public policy issue
- Act constructively to further public good

Literacy in Social Studies

Students will:

- Determine the meaning of vocabulary
- Distinguish between primary and secondary sources
- Apply evidential support to writing
- Construct informative and argumentative essays

