



In Language Arts we use **Journeys**, by HMH, a comprehensive, evidence-based K-5 literacy program.

Student log-in for Journeys:
www-k6.thinkcentral.com

4th grade Lexile Range: 740L-940L

Reading:

4th grade students will build stamina and skills to read challenging fiction, nonfiction, and other materials. They will learn vocabulary strategies and build vocabulary skills by reading more complicated text from multiple genres. 4th grade students will read closely to determine what the text says and to cite evidence from the text when writing or speaking.

Writing:

4th grade students will write effective, clear sentences and paragraphs on a range of topics, using their expanding vocabularies. They will write arguments to support their statements; write informative texts to express ideas and information; and write narratives to develop real or imagined experiences. 4th grade students will continue to use correct spelling, capitalization, punctuation, and grammar in their writing.

Speaking and Listening:

4th grade students will engage effectively in collaborative discussions by building on other's ideas and expressing their own clearly. They will use knowledge of language and its conventions when speaking and listening.

You can help your child by:

- Make reading for fun a part of your child's day. Keep books, magazines, and newspapers at home. Make sure your child sees you reading.
- Urge your child to use logical arguments to defend his/her opinion.
- Talk about the news together. Pick one story, read it together, and discuss it with your child.

Popular Books for 4th Grade

One of the most important things a parent can do to help their child is to instill a love of reading in them from a young age. There is a direct connection between the amount of reading children do and their achievement in school. Please take time every day to read to or with your child. Here are some great titles to get you started...

Bud, Not Buddy by Christopher Paul Curtis

The Lightning Thief by Rick Riordan

Shiloh by Phyllis Reynolds Naylor

James and the Giant Peach by Roald Dahl

Tales of a Fourth Grade Nothing by Judy Blume

The Underneath by Kathi Appelt

American Chillers series by Jonathan Rand

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>

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

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.



4th 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.

Energy: Heat, Electricity, and Magnetism

Students will:

- Demonstrate how heat energy is produced through friction/electric current, identify insulators/conductors, and show how adding/removing heat changes the temperature of an object
- Demonstrate the parts of an electric circuit and the path of electricity, and identify conductors and insulators
- Demonstrate the strength of magnets, their magnetic forces and magnetic fields
- Model the magnetic field created by an electric current

Properties and Changes in Matter

Students will:

- Use graduated cylinders/measuring cups, spring scales, and balances to measure volume (L, mL), weight, and mass (g, kg)
- Compare/contrast the three states of matter, and model how heating/cooling an object changes its state

Relationships and Requirements of Living Things

Students will:

- Construct food webs and food chains for Michigan ecosystems, identify the roles of the organisms, and explain the flow of energy
- Describe the requirements for survival and reproduction of various plants and animals
- Explain how fossils are used as evidence of how plants and animals have changed

Sun, Moon, and Earth

Students will:

- Compare/contrast the characteristics of the sun, moon, and Earth, including relative distance, size, and ability to support life
- Demonstrate how the Earth's rotation creates day/night, and its revolution creates a year
- Explain predictable patterns: moon phases and the sun's movement across the sky

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



Chippewa Valley Schools uses **Bridges in Mathematics**, a K–5 math program that will help us meet the new standards and make math meaningful and exciting. In **fourth grade**, students focus on multiplication and division with multi-digit numbers, fractions, and geometry.

Throughout the year, students will:

- Find factors and multiples of different numbers
- Compare fractions and break fractions into smaller parts
- Compare decimal numbers and find decimal and fraction equivalents
- Develop efficient strategies for multiplying and dividing multi-digit numbers
- Calculate area and volume
- Measure and draw angles using protractors

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 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 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?"

Base Ten Model	Decimal	Fraction
	0.25	$\frac{25}{100}$ or $\frac{1}{4}$

Get more information and ideas about how to help your child by visiting the websites:

www.chippewavalleyschools.org, click **Academics**, click **Curriculum**, click **Elementary Math-Bridges**

www.mathlearningcenter.org/families/bridges2
click **4th grade**

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:

- Utilize geographic tools and maps to understand regions of the U.S.
- Describe ways the U.S. can be divided into different regions
- Describe the impact of immigration and migration on the cultural development of the U.S.
- Explain how human actions influence the environment

Economics

Students will:

- Understand principles and concepts of a market, national, and global economy
- Describe economic decisions and their effects

History

Students will:

- Investigate Michigan's major economic activities
- Explain the effects of migration and immigration to Michigan
- Describe the relationship between natural resources and the location of industries and cities
- Create timelines for Michigan history

Civics & Government

Students will:

- Analyze the organization and the purpose of government
- Compare and contrast powers granted to the federal and state governments
- Describe the organizational structure of the federal government
- Explain the responsibilities of citizenship

Public Discourse, Decision Making, & Citizen Involvement

Students will:

- Identify public issues in the United States that influence the daily lives of its citizens
- Participate in projects to help or inform others

Literacy in Social Studies

Students will:

- Determine the meaning of vocabulary
- Distinguish between primary and secondary sources
- Construct informative and argumentative essays