

## SOCIAL STUDIES

### **HISTORY**

**HI 4:1** Understand Michigan history from statehood to present by examining natural resources, industries, and the people involved.

### **GEOGRAPHY**

**GE 4:1** Use geographic tools to identify physical and human characteristics of the United States.

**GE 4:2** Understand the factors that influenced migration in the U.S., and its impact on culture and the physical environment.

### **CIVICS**

**CI 4:1** Describe the purposes, rights, and powers reflected in the Constitution and Bill of Rights, and explain the powers of the legislative, executive, and judicial branches.

**CI 4:2** Explain the rights and responsibilities of citizenship in a democracy.

### **ECONOMICS**

**EC 4:1** Describe characteristics of a market economy, including relationships between incentives, prices, and competition.

**EC 4:2** Use the circular flow model to explain economic activity in the United States and the global economy.

### **SOCIETY**

**SO 4:1** Identify a public policy issue in the United States, use resources to solve it, and present the solution to others.

## CURRICULUM AND INSTRUCTION

The core curriculum focuses on the results of learning. It is designed to meet student needs by providing a strong foundation in basic skills for life and work success. The curriculum is aligned with state core curriculum guidelines, and the new Common Core Curriculum for math, science, social studies, language arts, and our own school improvement goals. Instructional resources are carefully chosen to support curriculum standards.

Technology, tutorials, supplemental courses, co-curricular, consortia, summer, and community service programs also support the core curriculum.

Students are expected to demonstrate proficiency in language arts (reading writing, speaking, listening, and literature), mathematics, social studies, science, health, physical education, fine arts, technology, character education, business, and foreign language education.



The curriculum area represented in this brochure is aligned directly to the content and instructional practices in the Common Core.

If you would like any additional information or have questions, contact your building principal or district office.

### **Elementary Buildings**

**Gladiola**, David Lyon 530-7596

**Oriole Park**, Jennifer Slanger 530-7558

**Parkview**, Kathryn Jobson 530-7572

**West**, Gwen Dangerfield 530-7533

### **District Office**

Dr. Thomas G. Reeder, Superintendent 530-7550

Danielle Vigh, Academic Support 530-7599



WYOMING  
**WOLVES**

# GRADE 4 CORE CURRICULUM



# LANGUAGE ARTS

## ***PHONICS INSTRUCTION***

**PI4:1** Know and apply grade-level phonics and word analysis skills in decoding words.

## ***ORAL LANGUAGE***

**OL4:1** Use grade-level appropriate skills in the presentation of knowledge and ideas.

## ***CRAFT AND STRUCTURE***

**CS4:1** Determine the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology, explain major differences between poems, and prose, and refer to the structural elements of poems and dramas when writing or speaking about a text, and compare and contrast the point of view from which different stories are narrated, including the difference between first- and third-person narrative.

**CS4:2** Determine meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject, describe the overall structure of events, ideas, concepts, or information in a text or part of a text, and compare and contrast a firsthand and secondhand account of the same event or topic: describe the differences in focus and the information provided.

## ***WRITING***

**WR4:1** Correctly spell fourth grade level words.

**WR4:2** Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and a clear event sequence.

**WR4:3** Write informational/expository texts to examine a topic and convey ideas and information clearly.

**WR4:4** Write opinion pieces on topics or texts, supporting a point of view with reasons.

## ***READING***

**RD4:1** Orally read a fourth grade level text with fluency.

**RD4:2** Orally read a fourth grade level text with accuracy and comprehension.

**RD4:3** Orally read fourth grade level sight words.

## ***READING COMPREHENSION - LITERATURE***

**RCL4:1** Demonstrate comprehension of narrative text.

**RCL4:2** Integrate knowledge and ideas after reading a narrative text.

## ***READING COMPREHENSION - INFORMATIONAL***

**RCI4:1** Demonstrate comprehension of informational/expository text.

**RCI4:2** Integrate knowledge and ideas after reading informational/expository text.

# MATHEMATICS

## ***OPERATIONS AND ALGEBRAIC THINKING***

**OA4:1** Use the four operations with whole numbers to solve problems.

**OA4:2** Gain familiarity with factors and multiples.

**OA4:3** Generate and analyze patterns.

**OA4:4** Fluently multiply and divide through 10 x 10.

## ***NUMBER AND OPERATIONS IN BASE TEN***

**NBT4:2** Generalize place value understanding for multi-digit whole numbers.

**NBT4:3** Multiply using strategies based on place value and the properties of operations using illustrations and explanations that include equations, arrays, and/or area models.

**NBT4:4** Find whole-number quotients and remainders using strategies based on place value and properties of operations, and/or the relationship between multiplication and division. Calculations will be explained using illustrations, equations, rectangular arrays, and/or area models.

**NBT4:5** Fluently add and subtract multi-digit whole numbers using the standard algorithm.

## ***NUMBER AND OPERATIONS FRACTIONS***

**NOF4:1** Extend understanding of fraction equivalence and ordering.

**NOF4:2** Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

**NOF4:3** Understand decimal notation for fractions, and compare decimal fractions.

## ***MEASUREMENT AND DATA***

**MD4:3** Represent and interpret data.

**MD4:5** Geometric measurement: understand concepts of angle and measure angles.

**MD4:6** Solve problems involving measurement and conversion of measurements from a larger unit to a smaller one.

## ***GEOMETRY***

**GM4:1** Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

# SCIENCE

## ***LIFE***

**LF4:1** Explain how variations in physical characteristics can give organisms an advantage and how environmental change can produce changes in food webs.

**LF4:3** Identify key components of the appropriate reproductive system and understand the importance of personal hygiene.

## ***EARTH/SPACE***

**ES4:2** Explain how fossils provide evidence of the history of the Earth.

**ES4:3** Compare and contrast characteristics and predictable patterns of movement of the Sun, Moon and Earth.

## ***PHYSICAL***

**PH4:1** Compare different forms of energy and describe how temperature relates to energy.

**PH4:2** Demonstrate a magnetic field and explain how objects are affected by the strength of the magnet and the distance from the magnet.

**PH4:3** Design and create simple circuits and an electromagnet, and classify objects as good or poor conductors of heat and electricity.

**PH4:4** Compare and contrast states of matter and explain how matter can change from one state to another.

# TECHNOLOGY

## ***CREATIVITY & INNOVATION***

**CI4:1** Produce a media-rich digital project using a variety of technology tools and applications to demonstrate his/her creativity using a Web Based Application.

## ***COMMUNICATION & COLLABORATION***

**CC4:1** Collaborate using a variety of media and digital communication tools including web based applications to create and edit products.

## ***RESEARCH & INFORMATION LITERACY***

**RI4:1** Interact and start identifying strategies for locating information by focusing on search terms and using search engines.

**RI4:2** Use digital tools to find and evaluate the validity of information from a variety of websites.

## ***CRITICAL THINKING, PROBLEM SOLVING & DECISION MAKING***

**CT4:1** Use digital resources to identify and investigate a local, state, global issue.

## ***DIGITAL CITIZENSHIP***

**DC4:1** Discuss acceptable uses of technology (Social Networking, Cyber Bullying, Plagiarism).

**DC4:2** Identify the types of personal information that should not be given out on the Internet.

## ***TECHNOLOGY OPERATIONS & CONCEPTS***

**TC4:1** Describe ways technology has changed at school and at home.

**TC4:2** Understand and discuss how assistive technologies can benefit all individuals.