



Fourth Grade Standards of Learning

I. Academic Standards

The following academic standards apply for Third Grade at Wornick Jewish Day School. These standards reference Common Core, California State standards, and Next Generation Science standards. More information on these standards can be found at www.corestandards.org, www.cde.ca.gov, and <http://www.nextgenscience.org>.

Math

Operations and Algebraic Thinking

- Use the four operations with whole numbers to solve problems
- Differentiate between factors and multiples

Number and Operations

- Apply place value understanding to rounding, naming, and comparison of multi-digit numbers
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Represent multiplication and division problems using equations, arrays, and area models
- Understand fraction equivalence and ordering
- Add and subtract fractions and mixed numbers with like denominators
- Multiply a fraction by a whole number
- Understand decimal notation for fractions and compare decimals

Measurement and Data

- Solve problems involving measurement and conversion of measurements within a given system
- Represent data sets with fractional measurements and interpret line plots with whole and fractional units
- Solve problems involving addition and subtraction of fractions using information represented in line plots

Geometry

- Apply area and perimeter formulas to rectangles
- Recognize and measure angles
- Classify shapes by properties of their lines and angles, including symmetry

Mathematical Practices

- Makes sense of problems and perseveres in solving them
 - Reason abstractly and quantitatively
 - Construct viable arguments and critique the reasoning of others
 - Model with mathematics
 - Use appropriate tools strategically
 - Attend to precision
 - Look for and make use of structure
 - Look for and express regularity in repeated reasoning
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Hebrew Non-Native

Reading

- Read print and cursive script text with fluency
- Comprehend texts, at grade level, with effective vocabulary use and inference skills
- Read and listen to grade-level texts with effective vocabulary use and inference skills

Writing

- Write cohesive and grammatically correct sentences in cursive script with at least four words
- Write and organize text for a variety of general purposes

Listening and Speaking

- Request and provide information by asking and answering practiced and original questions on familiar and everyday topics/activities
 - Present personal information about their life and activities
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Hebrew Native

Reading

- Comprehend and understand the main ideas and details, with effective vocabulary use and inference skills
- Read various texts accurately and fluently

Writing

- Write opinion paragraphs about viewpoints on familiar or researched topics
- Write 1-2 reasons to support opinions about familiar or researched topics

Listening and Speaking

- Interact with others to meet their needs in a variety of familiar situations
 - Exchange preferences, feelings, or opinions and provide basic advice on a variety of familiar topics
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Jewish Studies

TaNakh

- Explores TaNaKH settings to locations in Israel
- Identifies names, places, and key words from TaNaKH texts
- Compares and contrasts central personalities in TaNaKH text
- Compares dilemmas in one's personal life with dilemmas explored in TaNaKH text
- Explores alternative outcomes to various conflicts in TaNaKH text
- Expresses empathy for characters in TaNaKH text

Jewish Life

- Articulates main ideas of Tefillah
 - Understands and identifies main themes and rituals of Jewish holidays
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Language Arts

Reading Standards for Literature

- Describe a character, setting, or event and how these affect the plot
- Compare and contrast the point of view in a literary text
- Determine a theme of a story, drama, or poem from details in the text

- Compare and contrast the treatment of similar themes and topics and patterns of events

Reading Standards for Information

- Determine the main idea of a text and explain how it is supported by key details
- Describe the overall structure of events, ideas, concepts, or information in a text
- Interpret text features and explain how the information contributes to an understanding of the text
- Explain how an author uses reasons and evidence to support particular points in a text

Reading Standards for Foundational Skills

- Refer to details and examples from a text to demonstrate understanding
- Summarize the text, including main ideas and key details
- Know and apply grade-level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension at grade level

Writing

- Develop and strengthen writing as needed by planning, revising, and editing
- Write opinion pieces on topics or texts, supporting a point of view with reasons and information
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences
- Conduct short research projects that build knowledge through investigation of different aspects of a topic

- Plan and deliver a range of well-organized presentations
- Draw evidence from literary or informational texts to support analysis, reflection, and research

Language

- Demonstrate command of standard English grammar and usage when writing or speaking
 - Demonstrate command of standard English capitalization, punctuation, and spelling when writing
 - Use different strategies to determine the meaning of unfamiliar words and phrases
 - Demonstrate understanding of figurative language
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Science

Life Science

- Construct an argument that plants and animals have structures that function to support survival

Physical Science

- Apply scientific ideas to design, test, and refine a device that converts energy from one form to another
- Develop a model of waves to describe patterns and explain how waves cause objects to move
- Develop a model to describe that light reflecting from objects and entering the eye allows objects to be seen
- Use evidence to construct an explanation relating the speed of an object to the energy of that object

Earth Science

- Analyze and interpret data from maps to describe patterns of Earth's features
 - Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion
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Social Studies

Geography

- Demonstrate an understanding of geographic features that define places and regions in California

History

- Describe the social, political, cultural, and economic life and interactions among people of California from Native Americans to the Spanish mission and Mexican rancho periods
 - Explain the economic, social, and political life in California from the establishment of the Bear Flag Republic through the Mexican-American War, the Gold Rush, and the granting of statehood
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Creative Arts

- Actively participate in activities
 - Use time wisely
 - Articulate and reflect on artistic process
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Physical Education

Physical Education

- Participates consistently in physical education

Motor Skills and Movement

- Change direction quickly to maintain spacing between two players
- Roll, throw, and catch a ball with proper body form and accuracy while moving
- Kick, strike, and dribble a ball with proper form and accuracy while moving
- Change directions with a ball while continuously moving and hit a target

Teamwork

- Set a personal goal to improve a physical fitness skill
- Take responsibility for one's own performance
- Respond to winning and losing with dignity and respect
- Include peers in physical activities and respect individual differences in skill

II. Process Goals

In addition to rigorous academic learning, Wornick emphasizes additional skills that support the whole child and prepare them for high school, college, and beyond, including: organization, critical thinking, growth mindset, collaboration, creativity, public speaking, social-emotional learning, and respect for self and others. The following process goals are a critical component of an education at Wornick Jewish Day School.

Effective Leadership Skills

- Follows class norms, routines, and expectations
- Takes responsibility for actions
- Demonstrates problem solving skills
- Demonstrates perseverance
- Respects self, others, and environment

Effective Communication Skills

- Self advocates for social, emotional, academic needs
- Participates in a range of collaborative discussions
- Asks clarifying questions
- Collaborates with peers
- Follows verbal and written instructions

Effective Learning Skills

- Keeps personal space and materials organized
- Works independently
- Completes and hands in work on time
- Applies constructive feedback
- Exhibits neatness and legibility
- Completes work with integrity
- Stays on task
- Uses community materials (e.g., technology, makerspace, art, classroom) appropriately