

GRADE 3 CURRICULUM OVERVIEW

NORTHFIELD PUBLIC SCHOOLS

2016-2017

This overview highlights the key skills in each subject area that will be taught at this grade level and reflects the efforts of teachers to provide curriculum that supports the mastery of state curriculum standards.

READING LITERATURE/INFORMATIONAL TEXT

Key Ideas and Details:

- Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.
- Recount stories, including fables and folktales, and myths from diverse cultures; determine the central message, lesson, or moral and explain how it is conveyed through key details in the text.
- Determine the main idea of a text; re count the key details and explain how they support the main idea.
- Describe characters in a story and explain how their actions contribute to the sequence of events.
- Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.

Craft and Structure:

- Determine the meaning of words and phrases as they are used in a text, distinguishing literal from nonliteral language, including figurative language such as similes.
- Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.
- Refer to parts of stories, dramas, and poems when writing or speaking about a text, using terms such as chapter, scene, and stanza; describe how each successive part builds on earlier sections.
- Use text features and search tools to locate information relevant to a given topic efficiently.
- Distinguish their own point of view from that of the narrator or those of the characters.
- Distinguish their own point of view from that of the author of a text.

Integration of Knowledge and Ideas:

- Explain how specific aspects of a text's illustrations contribute to what is conveyed by the words in a story.
- Use information gained from illustrations and the words in a text to demonstrate understanding of the text.
- Describe the logical connection between particular sentences and paragraphs in a text.
- Compare and contrast the themes, settings, and plots of stories written by the same author about the same or similar characters.
- Compare and contrast the most important points and key details presented in two texts on the same topic.

Range of Reading and Level of Text Complexity:

- By the end of the year, select, read and comprehend literature and other texts including stories, dramas, and poetry, at the high end of the grades 2-3 text complexity band independently and proficiently.
- By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 2-3 text complexity band independently and proficiently.

READING FOUNDATIONAL SKILLS

Phonics and Word Recognition:

- Identify and know the meaning of the most common prefixes and derivational suffixes.
- Decode word with common Latin suffixes.
- Decode multi-syllable words.
- Read grade-appropriate irregularly spelled words, including high-frequency words.

Fluency:

- Read grade-level text with purpose and understanding.
- Read grade-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings.
- Use context to confirm or self-correct word recognition and understanding, rereading as necessary.

LANGUAGE

Conventions of Standard English:

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

Knowledge of Language

- Use knowledge of language and its conventions when writing, speaking, reading, or listening.

Vocabulary Acquisition and Use:

- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies.
- Demonstrate understanding of word relationships and nuances in word meanings to develop word consciousness.
- Acquire and use accurately grade-appropriate conversational, general academic, and domain-specific words and phrases, including those that signal spatial and temporal relationships.

WRITING

Text Types and Purposes:

- Write opinion pieces on topics or texts, supporting a point of view with reasons.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Write narratives and other creative texts to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.

Writing Process – Production and Distribution of Writing:

- With guidance and support from adults, produce writing in which the development and organization are appropriate to task and purpose.
- With guidance and support from peers and adults, use a writing process to develop and strengthen writing as needed by planning, drafting, revising, and editing.
- With guidance and support from adults, use technology to produce and publish writing (using keyboarding skills) as well as to interact and collaborate with others.

Research to Build and Present Knowledge:

- Conduct short research projects that build knowledge about a topic.
- Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories.

Range of Writing:

- Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames for a range of discipline-specific tasks, purposes, and audiences.

SPEAKING, VIEWING, LISTENING AND MEDIA LITERACY

Comprehension and Collaboration:

- Engage effectively in a range of collaborative discussions with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.
- Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.

Presentation of Knowledge and Ideas:

- Report on a topic or text and avoid plagiarism by identifying sources, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.
- Create engaging audio recordings of stories or poems that demonstrate fluid reading at an understandable pace; add visual displays when appropriate to emphasize or enhance certain facts or details.
- Speak in complete sentences when appropriate to task and situation in order to provide requested detail or clarification.

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**SPEAKING, VIEWING, LISTENING AND MEDIA LITERACY
(continued)**

Media Literacy:

- Distinguish among, understand, and use different types of print, digital, and multimodal media.
- With prompting and support, create an individual or shared multimedia work for a specific purpose.

MATHEMATICS

Number and Operation:

- Compare and represent whole numbers up to 10,000, with an emphasis on place value.
- Add and subtract multi-digit whole numbers; represent multiplication and division in various ways; solve real-world and mathematical problems using arithmetic.
- Understand meanings and uses of fractions in real-world mathematical situations.
- Read, write and compare decimals to the hundredths place using models such as grids and base ten blocks.

Algebra:

- Use single-operation input-output rules to represent patterns and relationships and to solve real-world and mathematical problems.
- Use number sentences involving multiplication and division basic facts and unknowns to represent and solve real-world and mathematical problems; create real-world situations corresponding to number sentences.

Geometry and Measurement:

- Use geometric attributes to describe and create shapes in various contexts.
- Understand perimeter as a measurable attribute of real-world and mathematical objects. Use various tools to measure perimeter.
- Find the area of a rectangle divided into square units.
- Use time, money, and temperature to solve real-world and mathematical problems.

Data Analysis:

- Collect, organize, display, and interpret data. Use labels and variety of scales and units in displays.
- Use spinners to solve simple probability problems.
- Read and interpret data from graphs.

SCIENCE

- Physical Science – Energy ~ Light and Sound
- Earth and Space Science – The Universe/Solar System
- Life Science – Plants and Animals

(Nature of Science and Engineering standards/ benchmarks are embedded into the units listed above.)

HEALTH

- Emotional, intellectual, and social health
- Family life, growth, and development
- Drug use prevention
- Nutrition
- Disease prevention and control
- Personal health
- Injury prevention

SOCIAL STUDIES

- Geography
- Northfield History
- Citizenship/Government
- Economics
- History

ART

- Identify the elements of visual art, including color, line, shape, texture, and space.
- Identify the characteristics of visual artworks from a variety of cultures including the contributions of Minnesota American Indian tribes and communities.
- Identify the tools, materials, and techniques from a variety of two- and three-dimensional media such as drawing, printmaking, ceramics or sculpture.
- Create original two- and three-dimensional artworks to express ideas, experiences, or stories.
- Revise artworks based on the feedback of others.
- Share and describe personal artwork.
- Reflect on a presentation based on the feedback of others.
- Compare and contrast the characteristics of a variety of works of visual art.

MUSIC

- Demonstrate knowledge of the foundations in music.
- Demonstrate knowledge and use of the technical skills of music integrating technology when applicable.
- Demonstrate understanding of the personal, social, cultural, and historical contexts that influence music including the contributions of the Minnesota Indian tribes and communities.
- Create/make a variety of contexts in music using the artistic foundations.
- Perform/present in a variety of contexts in music using the artistic foundations.
- Respond to and critique a variety of creations or performances using the artistic foundations.

PHYSICAL EDUCATION

- Demonstrates age appropriate competency in a variety of movement and motor skills.
- Developing concepts and principles related to movement and performance.
- Developing how to maintain a health enhancing level of physical activity and fitness.
- Introduction to responsible personal and social behavior that reflects self and others.
- Developing a value for physical activity for health enjoyment, challenge, self-expression and social interaction.

MEDIA/TECHNOLOGY

- Media Center Orientation
- Literature Appreciation
- Research
- Technology Skills